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November 20, 2019

VIA PRIVATE CARRIER

Brian Dietz
Land Restoration Program
Land and Materials Administration
Maryland Department of the Environment
1800 Washington Boulevard, Suite 625
Baltimore, Maryland 21230

Subject: Transmittal of the Block E Soil Remedial Action Plan Revision 1
Lockheed Martin Corporation – Middle River Complex
2323 Eastern Boulevard, Middle River, Baltimore County, Maryland

Dear Mr. Dietz,

For your approval, please find enclosed two hard copies with a CD of the above-referenced document. This Remedial Action Plan for Tax Block E of the Lockheed Martin Middle River Complex in Middle River Maryland, provides the background, supporting documentation, framework and recommended remedy for Tax Block E soil. The revisions made addressed comment received from MDE in May 2019.

If possible, we respectfully request to receive MDE's document review comments by December 20, 2019.

Please let me know if you have any questions. My office phone is (301) 548-2209.

Sincerely,

Thomas D. Blackman
Project Lead, Environmental Remediation

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BLOCK E SOIL REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
2323 EASTERN BOULEVARD
MIDDLE RIVER, MARYLAND

Prepared for:
Lockheed Martin Corporation

Prepared by:
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November 2019

Revision: 1



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Appendix K—*In Situ* Stabilization/Solidification Treatability Study
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ACRONYMS AND ABBREVIATIONS

AASHTO	American Association of State Highway and Transportation Officials
ACM	Asbestos-containing material
ARARs	applicable or relevant and appropriate requirements
AST	aboveground storage tank
ASTM	ASTM International
ATC	anticipated typical concentration
ATSDR	Agency for Toxic Substances and Disease Registry
BaPEq	benzo(a)pyrene equivalent
BCSCD	Baltimore County Soil Conservation District
Block E	Tax Block E
CDP	*Criterium® DecisionPlus®*
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	*Code of Federal Regulations*
CHS	Controlled Hazardous Substances
cm^2	square centimeter(s)
COC	chemicals(s) of concern
COMAR	*Code of Maryland Regulations*
COPC	chemical(s) of potential concern
CrVI	hexavalent chromium
CSM	conceptual site model
cVOCs	chlorinated volatile organic compounds
cy	cubic yards
dpm	disintegration(s) per minute
DRO	diesel-range organics
DPT	direct-push technology

EPC	exposure point concentration
ESA	environmental site assessment
EU	exposure unit
FRTR	Federal Remediation Technologies Roundtable
GAC	granular activated-carbon
GRA	general response action
GRO	gasoline-range organics
HHRA	human health risk assessment
HI	hazard index
ILCR	individual lifetime cancer risk
ISTD	*in situ* thermal desorption
IRM	interim remedial action
ISTD	*in situ* thermal desorption
LMCPI	Lockheed Martin Corporation Properties, Inc.
Lockheed Martin	Lockheed Martin Corporation
MDE	Maryland Department of the Environment
MDSPGP	Maryland State Programmatic General Permit-4
µg/kg	microgram(s) per kilogram
µR/hr	microroentgen(s) per hour
mg/kg	milligram(s) per kilogram
MMBTU	million British thermal units
MRC	Middle River Complex
MSA	Martin State Airport
mrem/yr	millirem(s) per year
NAVD	North American Vertical Datum
NCP	*National Oil and Hazardous Substances Pollution Contingency Plan*
NESHAP	National Emission Standards for Hazardous Air Pollutants

NO_x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NRC	Nuclear Regulatory Commission
OCP	Oil Control Program
OSHA	Occupational Health and Safety Administration
PAH(s)	polycyclic aromatic hydrocarbon(s)
PCBs	polychlorinated biphenyls
pCi/g	picocurie(s) per gram
PID	photoionization detector
PM_{10}	particulate matter (10 micrometers or less in diameter)
PRG	preliminary remedial goal
RAO	remedial action objective
RAP	remedial action plan
RBDAA	risk-based disposal approval application
REC	recognized environmental condition
RRA	residual risk analysis
RSL	regional screening level
SARA	Superfund Amendments and Reauthorization Act
SO_x	sulfur oxides
SRA	sediment-removal action
SVOC	semivolatile organic compound
TBC	to be considered
TCA	total cost analysis
TCB	trichlorobenzene
TCE	trichloroethene
TCLP	toxicity characteristic leaching procedure
TEF	toxicity equivalency factor

Tetra Tech	Tetra Tech, Inc.
Th-232	thorium-232
TPH	total petroleum hydrocarbon
TSCA	Toxic Substances Control Act
TSDF	treatment, storage, and disposal facility
U-235	uranium-235
UCL	upper confidence limit
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
UST	underground storage tank
VOC	volatile organic compound

GLOSSARY

applicable or relevant and appropriate requirements (ARARs)—Environmental cleanup standards and requirements (i.e., federal and state laws and regulations) that must be attained during cleanup and maintained at project completion (required by the federal Comprehensive Environmental Response, Compensation, and Liability Act [CERCLA]) and its implementing regulations.

Aroclor—Aroclor is the trade name for a polychlorinated biphenyl (PCB; see glossary term) mixture produced from approximately 1930 to 1979. Aroclors have a distinguishing suffix number that indicates the degree of chlorination as follows: the first two digits generally refer to the number of carbon atoms in the phenyl rings (this is 12 for PCBs), the second two numbers indicate the percentage of chlorine by mass in the mixture. For example, the name Aroclor 1254 means that the mixture contains approximately 54% chlorine by weight.

background (background level)—As defined by the United States Environmental Protection Agency (USEPA), substances in the environment that are not influenced by releases from a site and usually described as naturally occurring or anthropogenic. Naturally occurring is defined as substances in the environment in forms that have not been influenced by human activity. Anthropogenic is defined as natural and human-made substances in the environment because of human activities, but not specifically related to the site in question.

benzo(a)pyrene-equivalent (BaPEq)—A risk-weighted, calculated concentration representing the additive effects of seven polycyclic aromatic hydrocarbons (PAHs): benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, benzo(k)fluoranthene, indeno(1,2,3-cd)pyrene, and chrysene. The BaPEq value is a calculated concentration accounting for the combined toxicity of individual PAHs relative to benzo(a)pyrene. Toxicity equivalency factors (TEFs) are used to convert each individual PAH concentration into an equivalent concentration of benzo(a)pyrene, and the sum of these equivalent concentrations (for the seven PAHs mentioned above including benzo(a)pyrene) is the calculated BaPEq concentration. BaPEq can be calculated based on actual concentrations, using positive detections only, or can be calculated conservatively by using both positive detections and surrogate values equal to half the detection limit for samples without detections. The latter method of calculation assumes the seven PAHs might have been present at concentrations below laboratory detection limits in samples in which they were not detected.

carcinogen—A substance that can cause cancer.

chemical(s) of concern (COC)—Chemicals identified through the baseline risk assessment that might potentially cause unacceptable (by regulatory definition) adverse effects to human health and/or ecological receptors.

chemical(s) of potential concern (COPC)—Chemicals identified through a preliminary screening, typically in the first step of a baseline risk assessment, which should be considered further in the site evaluation.

cleanup—Actions to address a release or threat of release of a hazardous substance that could affect humans and/or the environment. The term "cleanup" is sometimes used interchangeably with the terms remedial action, removal action, response action, or corrective action.

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)—Commonly called Superfund, a federal law passed in 1980 and extensively amended several times, most significantly in 1986 by the Superfund Amendments and Reauthorization Act (SARA). Among other things, this law addresses the remediation of sites where one or more hazardous substances have been disposed of or released to the environment.

conceptual site model (CSM)—A written and/or schematic representation of an environmental system and the physical, chemical, and biological processes that affect the transport of chemicals from sources through environmental media (e.g., air, soil, water, or sediment) to humans and ecological receptors in the system. The CSM is periodically revised as additional data become available at a site.

congeners—Compounds that have similar chemical structures or belong to closely related chemical families.

containment—A technology or design that prevents the movement of contaminants outside of an originating source or property, or onto an outside property, or beyond an agreed compliance line or zone, but does not necessarily treat or remove the contaminants.

Controlled Hazardous Substance (CHS) regulations—Regulatory requirements for management and disposal of hazardous waste in Maryland, found in Code of Maryland Regulations (COMAR) 26.14. Remediation of hazardous waste sites is accomplished through a three-phase process: (a) assessment, (b) cleanup, and (c) operation, maintenance, and monitoring.

ex situ—Away from the original location or place where pollutants are found; in this report, ex situ means on-site and at the surface, but not in place. For example, an ex situ treatment of contaminated soil or groundwater will remove (through pumping or digging, for example) the soil or groundwater from where it was found, and subsequently subject it to a treatment process (see also in situ, below).

exposure assessment—One step in the human or ecological risk assessment process, an exposure assessment measures or estimates the magnitude, frequency, duration, and route of exposure for a receptor (human or ecological) that might come into contact with an environmental contaminant (for example, by touching contaminated soil). The most quantitative result achieved by an exposure assessment is the calculation of an exposure or intake dose (i.e., the amount to which the receptor is exposed).

exposure pathway—The path from contaminated media (including air, soil, sediment, water, or food) to human and ecological receptors.

exposure route—The way a contaminant enters an organism after contact; i.e., by ingestion, inhalation, or dermal absorption.

exposure scenario—A tool to develop estimates of potential exposure, dose, and risk. An exposure scenario generally includes facts, data, assumptions, inferences, and, sometimes, professional judgment about how the exposure could occur.

free product—The presence of contamination in the subsurface as a separate liquid phase in soil, groundwater, surface water, or multiple media. Usually consists of a manufactured-product liquid (e.g., dieletric fluid, oil, etc.) that has been spilled or released to environmental media and is present in its original state and composition (e.g., not dissolved in water, not sorbed to soil).

hazard index (HI)—A numerical indicator of the potential for adverse noncarcinogenic health effects (i.e., any health effect other than cancer) that is derived by summing the individual-chemical hazard quotients. A hazard index greater than 1 suggests that adverse health effects are possible, whereas a hazard index equal to or less than 1 does not.

hazard quotient (HQ)—The ratio of estimated site-specific exposure to a selected toxicity threshold for a single chemical, which is either the level at which no adverse health effects are likely to occur (i.e., the no-observed-adverse-effect level) or at which effects are likely to occur (i.e., the lowest-observed-adverse-effect level).

hazardous substance—From CERCLA, a hazardous substance is: "(A) any substance designated pursuant to section 311(b)(2)(A) of the Federal Water Pollution Control Act (33 U.S.C. 1321[b][2][A]), (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title (i.e., CERCLA), (C) any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (42 U.S.C. 6921) (but not including any waste the regulation of which under the Solid Waste Disposal Act [42 U.S.C. 6901 et seq.] has been suspended by Act of Congress), (D) any toxic pollutant listed under section 307(a) of the Federal Water Pollution Control Act (33 U.S.C. 1317[a]), (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 U.S.C. 7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator has taken action pursuant to Section 7 of the Toxic Substances Control Act (15 U.S.C. 2606). The term does not include petroleum, including crude oil or any fraction thereof, which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)."

homolog—Homologs are a way of grouping polychlorinated biphenyl (PCB) congeners by the number of chlorine atoms they have; this can vary from one to ten. All the PCB chemicals that have the same number of chlorine atoms are said to belong to the same homolog group. For example, there are 11 different congeners in the 2-chlorine homolog

group and 42 different congeners in the 4-chlorine homolog group. Laboratory analysis for PCB homologs can reliably measure the amount of PCBs present in a sample if it is likely to have been subjected to environmental conditions that could alter its congener composition.

impacted soil—Soil identified in the residual-risk analysis (RRA) that has chemical(s) of concern (COC) concentrations associated with an incremental lifetime cancer risk (ILCR) greater than one-in-100,000 (1×10-5) and hazard index (HI) greater than 1.

in situ—In this report, in situ means on-site and in place. For example, an in situ treatment of contaminated soil or groundwater will treat these environmental media in place, without removing the soil or groundwater to treat it (see also ex situ, above).

institutional controls—Non-engineering (administrative) measures intended to affect human activities in such a way as to prevent or reduce exposure to hazardous substances. They are typically used in conjunction with, or supplemental to, other measures such as waste removal, treatment, or containment. Institutional controls fall into four categories: governmental controls, proprietary controls (such as deed restrictions), enforcement tools, and informational devices.

iteratively—In the context of the residual-risk assessment, iteratively means the repetition of a step in the assessment until the desired outcome or goal has been achieved.

land use controls (LUCs)—Engineered and non-engineered (administrative) controls formulated and enforced to regulate current and future land use options. Engineered controls include fencing and signs. Non-engineered controls, referred to as institutional controls, typically consist of administrative restrictions that prohibit certain types of development and/or groundwater use.

Middle River Complex (MRC)—A site in Baltimore County, Maryland occupied by Lockheed Martin's Mission Rotary and Mission Systems and General Electric's MRA Systems, Inc. subsidiary known as Middle River Aircraft Systems, or MRAS.

National Oil and Hazardous Substances Pollution Contingency Plan (NCP)—Federal regulations outlining a framework for responding to a spill or release, or threat of release, of oil or a hazardous substance. It establishes a National Response Team, headed by USEPA, and outlines requirements for accident reporting, spill containment, and cleanup.

nondetect—Data point for which the chemical of interest was not detected in the chemical analysis of an environmental sample, usually referred to as a laboratory detection or reporting limit.

polychlorinated biphenyls (PCBs)—PCBs are manmade organic chemicals manufactured and used in construction materials and electrical products. PCBs belong to the broad family of organic chemicals known as chlorinated hydrocarbons. They vary in consistency from thin, light-colored liquids to yellow or black waxy solids. The non-flammability, chemical stability, high boiling point, and electrical insulating properties of PCBs led to their widespread use in hundreds of industrial and commercial applications, including

electrical transformers, hydraulic equipment, thermal insulation, fluorescent lights, oil-based paints, carbonless copy paper, and many other industrial applications. The manufacture of PCBs was banned in the U.S. in 1979.

polycyclic aromatic hydrocarbons (PAHs)—A group of semivolatile organic chemicals often found together. PAHs are created when products such as coal, oil, gas, and garbage are burned, but the burning is incomplete. They can also be found in the environment as a result of natural processes such as wildfires. PAHs are a concern because they persist in the environment, meaning they do not readily degrade, and can stay in the environment for long periods.

preliminary remedial goal (PRG)—An acceptable (according to regulations) contaminant level or range of levels for a given environmental medium (such as soil, water, or air) that can support the evaluation of remedial alternatives. Although PRGs are established based on readily available information, the final regulatorily acceptable exposure levels should be determined based on the results of the baseline risk assessment and evaluation of the expected exposures and associated risks for each alternative.

recognized environmental condition (REC)—An environmental condition redefined by ASTM International (ASTM) E 1527-05 as "the presence or likely presence (as documented in public or other available records) of any hazardous substances or petroleum products on a property, under conditions that indicate a potential for an existing release, a possible past release, or a material threat of a release of the hazardous materials into structures or into the soil, groundwater, or surface water of the property."

remediation—The process of correcting and/or cleaning up environmental contamination, governed by various federal and state laws, regulations, and other requirements.

response action—An action or series of actions to reduce, isolate, or remove contamination from an environmental medium (e.g., soil, air, groundwater, surface water), with the goal of preventing harmful exposure to people or animals and reducing its impact to the environment.

remedial action objective (RAO)—Cleanup objective specifying contaminants to be cleaned up and the level (i.e., the reduction in contaminant concentrations), area, and time required to achieve cleanup adequate to protect human health and the environment.

remedial action plan (RAP)—Remedial action is defined in the National Contingency Plan in part as "those actions consistent with a permanent remedy taken instead of, or in addition to, a removal action(s) in the event of a release or threatened release of a hazardous substance into the environment, to prevent or minimize the release of hazardous substances so that they do not migrate or cause substantial danger to present or future public health or welfare, or the environment." The RAP details the remedial measures to be taken to minimize environmental and health risks associated with known release(s) of hazardous substances. Depending on known or anticipated risks to human health and the environment, appropriate action can include site closure, monitoring and data collection, active or passive remediation, containment, or imposition of institutional controls.

risk assessment—A qualitative or quantitative evaluation of the risk posed to human health and/or the environment by the actual or potential presence or release of hazardous substances, pollutants, or contaminants.

site—The area of investigation; for this remedial action plan, the site is Block E.

standard proctor—A standardized mechanical testing method used to determine the compaction property of soil. The test is described in American Association of State Highway and Transportation Officials (AASHTO) specifications T99 and ASTM International (ASTM) standard D698-12.

thermal desorption—A thermal soil-vapor remediation technique by which thermal conductive heating (to 350º Celsius or 662º Fahrenheit) is used to heat the predetermined treatment zone while a slight vacuum is applied to the subsurface to extract soil vapors.

total petroleum hydrocarbons (TPH)—The concentration (or mass) of petroleum hydrocarbon constituents present in a given amount of air, soil, or water.

toxicity equivalency factor (TEF)—Estimates of compound-specific toxicity relative to the toxicity of an index chemical (e.g., benzo[a]pyrene). TEFs are used in a risk assessment to evaluate the risks associated with exposure to a mixture of similar compounds for human or ecological receptors.

Toxic Substance Control Act (TSCA)—Federal legislation originally enacted in 1976 to regulate chemicals produced or imported into the United States. TSCA and its implementing regulations specifically address use and disposal of PCBs.

trichlorobenzene (TCB)—1,2,4-Trichlorobenzene is an aromatic, colorless organic liquid that was commonly used as a solvent to make other organic chemicals and as an additive in wood preservatives.

volatile organic compounds (VOCs)—A group of organic chemicals that will vaporize or evaporate into the atmosphere at room temperature. They often have a sharp smell and can come from many products, such as office equipment, adhesives, carpeting, upholstery, paints, petroleum products, solvents, and cleaning products. Trichloroethene is an example of a VOC.

Voluntary Cleanup Program (VCP)—A Maryland Department of the Environment (MDE)-administered program providing state oversight for voluntary cleanups of properties contaminated with hazardous substances. The program was established in 1997 by an agreement between MDE and the United States Environmental Protection Agency (USEPA). The program provides liability protection for participants such that USEPA will consider sites in the VCP of "no further interest" provided they are successful in cleanup and MDE issues a "No Further Requirements Determination" or "Certificate of Completion." The program goal is to increase the number of sites cleaned by streamlining the cleanup.

EXECUTIVE SUMMARY

Environmental stewardship is an important aspect of the Lockheed Martin Corporation (Lockheed Martin) commitment to the communities in which we operate. Accordingly, the corporation has assumed responsibility to assess and clean up environmental impacts at the Lockheed Martin Corporation Middle River Complex (MRC) at 2323 Eastern Boulevard in Middle River, Maryland (see Figure 1-1). Tetra Tech, Inc. (Tetra Tech) has prepared this remedial action plan (RAP) for soil for a portion of the Middle River Complex known as Block E (see Figure 2-1) on behalf of Lockheed Martin Corporation and in accordance with requirements administered by the Maryland Department of the Environment (MDE) Land Restoration Program under Administrative Consent Order ACO-SAR-MDE0746-2015-1-01.

The Middle River Complex consists of Tax Blocks A (two parcels), B, D, D Panhandle, E (two parcels), F, G, H, and I. Block E as described herein includes the main Block E parcel (15.433 acres) and a smaller lot at the southeastern corner of Block E known as "Block E2" (0.533 acres). Block E consists of three recognized environmental conditions (RECs): (1) the area of former Building D (REC #1), (2) the product pipeline (REC #2), and (3) the area of a former 500,000-gallon fuel-oil aboveground storage tank (AST) and associated tank (REC #3) (see Figure 2-3). Polychlorinated biphenyls (PCBs) have been detected over a portion of Block E, so remediation will be performed in accordance with the federal Toxic Substances Control Act (TSCA) (40 CFR 761.61(c) "Risk-Based Disposal Approval" process.

The long-term goal for this remedial action plan and related remedial actions at the site is to appropriately address the environmental impacts within Block E and receive a "No Further Action" letter from the Maryland Department of the Environment under an industrial future land use and restriction category. Remediation targeted for future industrial land use is being proposed to meet the current and projected future use of the property. This does not prohibit Block E from future development for residential, commercial, or recreational use, although additional remedial activities might be required.

Lockheed Martin Corporation completed remedial action plans for Blocks D, D-Panhandle, F, G, and H in late 2013 and early 2014, completed remediation in these blocks in 2016, and received "No Further Action" letters for these parcels in 2017. Remediation to address Lockheed Martin predecessors' use and impacts at Block I has been deferred to the future because Block I includes an active industrial complex currently occupied by MRC tenants, including MRA Systems, Inc. Blocks A and B include parking lots that serve the employees at Block I.

The Block E remedial action plan will be submitted in two documents (this remedial action plan and a "Risk-Based Disposal Approval" application), because the remediation of PCB impacts requires review and approval by the United States Environmental Protection Agency (USEPA), and because PCBs and other site contaminants require review and approval by the Maryland Department of the Environment. A response action for groundwater at the Middle River Complex was presented in a separate groundwater response action plan approved by the Maryland Department of the Environment in September 2012. The *in situ* groundwater bioremediation system wells and piping detailed in that plan have been installed in Block E, but the system is not yet in operation. An addendum to the groundwater response action plan (Tetra Tech, 2018c), recommending an expansion of that system and installation of a groundwater containment system and permeable reactive barrier in Block F, was approved by the Maryland Department of the Environment in July 2018. Design of that system is proceeding, and installation is anticipated to be completed in late 2020.

A feasibility study for sediment remediation in Cow Pen Creek and Dark Head Cove (adjacent to the Middle River Complex, Figure 1-1) was submitted to the Maryland Department of the Environment and the United States Environmental Protection Agency in December 2012. In 2013, both agencies approved the proposed remedial action for sediment, and a final feasibility study was submitted and was approved in 2014 (Tetra Tech, 2013b). The sediment-removal action (SRA), which removed elevated concentrations of PCBs in Dark Head Cove near Outfall 005, was completed in early 2015. The full sediment remediation was completed in 2016–2018. The remediated sediment in Dark Head Cove was impacted primarily by PCBs that likely migrated from Block E soil through the storm drainage system. The following summaries discuss the substantive elements of the Block E Soil RAP.

***Nature and extent of contamination*—**Investigations associated with Block E have been conducted since 1998, and include record reviews, discussions with current and former Middle River Complex personnel, geophysical surveys, and soil, sediment, and groundwater sampling. Soil data collected from REC #1 (former Building D) and REC #3 (diesel fuel oil AST) within the tax block indicate that past activities have released contaminants to the surrounding environment. This contamination could be the result of the following:

- the former diesel fuel oil aboveground storage tank and associated tank (REC #3), or product line (REC #2)
- an underground storage tank (UST) containing trichloroethene (TCE) that was removed from the southeastern portion of Block E in 2013
- historical industrial operations on Block E
- former Building D operations that included several transformer rooms that used PCBs in insulating oils
- a possible release of PCBs during demolition of the former Building D

These investigations indicate that site surface soil (0 to 2 feet below the soil surface) and subsurface soil (greater than 2 feet below the soil surface) is primarily contaminated with PCBs and polycyclic aromatic hydrocarbons (PAHs). ("Soil surface" refers to the ground surface where the soil is exposed or the soil in contact with the bottom of the concrete where a foundation is present.) Polycyclic aromatic hydrocarbons are commonly found in fill material, particularly in the form of coal or wood ash, as well as in asphalt. The polycyclic aromatic hydrocarbons in Block E might be associated with fill material historically placed at the site, and are a ubiquitous contaminant at the Middle River Complex.

***Exposure assessment*—**An exposure assessment for the site (Section 3) evaluated human health risks associated with exposure to site contaminants under current and future exposure scenarios. Its results indicate that, under regulatory standards, the site soil poses unacceptable risks to current industrial workers and future construction workers exposed to chemicals of concern (COC) in soil through dermal contact, inhalation, and ingestion. These exposure pathways are consistent with the current industrial land use of the site. However, actual exposure to workers based on the current usage is limited due to the presence of concrete and asphalt covering most of the site and the short exposure duration of current workers. Additionally, the current Block E storm-drain system has

been identified as a possible complete exposure pathway, because PCB contaminants could migrate through the system and ultimately be released to Dark Head Cove.

The chemical families of PCBs and polycyclic aromatic hydrocarbons are the primary risk drivers identified for industrial workers in Block E in the *Human Health Risk Assessment (HHRA) for Blocks D, E, F, G, and H Soils* (Tetra Tech, 2012f.) PCBs, polycyclic aromatic hydrocarbons, 1,2,4-trichlorobenzene (1,2,4-TCB), total petroleum hydrocarbon (TPH)-diesel-range organics (DRO), and trichloroethene have been identified at concentrations exceeding industrial risk-based criteria in surface and subsurface soil at Block E. Trichlorobenzene compounds are co-located with PCBs, consistent with their common use as part of the PCB-based insulating fluids within transformers. Trichloroethene impacts are being addressed as part of the groundwater response action.

***Remedial action objectives*—**To obtain a "No Further Action" letter under an industrial future land use, the following remedial action objectives must be met for impacted soil at Block E (see Section 4):

Remedial action objective	Description
1	Reduce site-related chemicals of concern in Block E soil to not exceed a cumulative human health cancer-risk limit of 1×10^{-5} and a cumulative non-carcinogenic hazard index of 1 for industrial workers and construction workers.
2	Prevent transfer of PCBs to the extent practicable from surface soil and storm drains to discharged stormwater at concentrations that would impact the sediment remedy.
3	Prevent leaching to the extent practicable of PCBs and 1,2,4-trichlorobenzene from soil to groundwater at concentrations that would impact surface water concentrations.

***Human health risk assessment and residual risk analysis*—**The human health risk assessment (HHRA) for Blocks D, E, F, G, and H soil (Tetra Tech, 2012f) identified chemicals of concern in soil that would require remediation to meet remedial action objective No. 1 for typical industrial and construction worker receptors of concern. The risk assessment consisted of the following six components:

- data evaluation
- exposure assessment

- toxicity assessment
- uncertainty analysis
- risk characterization
- development of preliminary remedial goal options

In 2018, a residual risk analysis (RRA) was prepared to account for changes in screening criteria and to incorporate additional sampling data collected after the 2012 human health risk assessment (Tetra Tech, 2018d). The residual risk analysis used a risk assessment approach to select remediation locations and iteratively remove soil sample locations from high to low concentrations to achieve the following risk management goals, established by the Maryland Department of the Environment:

- Cumulative cancer and noncancer risk for receptors exposed to chemicals of concern in an exposure unit (EU) no greater than 1×10^{-5} (i.e., a one-in-100,000 excess probability of developing cancer) and a hazard index (HI) of 1, for cancer risk and noncancer effects, respectively.

- "Hot spot" areas in soil, defined as a location associated with a cancer risk estimate exceeding 1×10^{-4} (i.e., a one-in-10,000 excess probability of developing cancer), or a hazard index greater than 100, will be addressed by the remedial action plan to appropriately reduce the risk.

The residual risk analysis identified locations that must be remediated to achieve risk management goals, while ensuring that representative soil concentrations do not exceed the risk-based preliminary remediation goals (PRGs) established for Block E soil[1] (presented below). The human health risk assessment identified PCBs (predominantly Aroclor mixture 1260), carcinogenic polycyclic aromatic hydrocarbons evaluated as benzo(a)pyrene-equivalents (BaPEq)[2], and 1,2,4-trichlorobenzene as chemicals of concern for exposure to surface soil in Block E (Tetra Tech, 2012f). No new chemicals of concern were identified for surface soil in the residual risk

1 Tom D. Blackman to James R. Carroll, Preliminary Remediation Goals for Industrial and Construction Workers: Block E Soil Remediation, September 2017.

2 Per current United States Environmental Protection Agency (USEPA) guidance (USEPA, 1993b), concentrations of benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene can be combined in an adjusted risk-weighted concentration that is expressed in terms of benzo(a)pyrene toxicity. This calculated value, called a benzo(a)pyrene equivalent concentration (BaPEq), uses USEPA recommended toxicity equivalency factors (TEFs) to estimate the potency of each of these PAH compounds relative to that of benzo(a)pyrene. The TEFs are then used to convert each individual PAH concentration (for the purposes of this report, positive detections only) into an equivalent concentration of benzo(a)pyrene; these values are summed to arrive at the calculated BaPEq concentration. Details outlining the BaPEq calculation are in Appendix F.

analysis after incorporating the data collected subsequent to the 2012 human health risk assessment.

For subsurface soil, the human health risk assessment results indicate that benzo(a)pyrene-equivalents, Aroclor 1254, Aroclor 1260, and 1,2,4-trichlorobenzene are chemicals of concern (Tetra Tech, 2012f). Although not identified as a chemical of concern in the human health risk assessment, trichloroethene was also considered a chemical of concern for subsurface soil in the residual risk analysis. Trichloroethene was detected near the groundwater table at elevated concentrations in subsurface soil in the southeastern corner of Block E after the discovery of an underground storage tank just outside the building foundation. This underground storage tank, removed in 2013, contained high concentrations of trichloroethene; groundwater remediation is planned in this area. Remediation of trichloroethene is addressed via the groundwater response action; details of soil sampling for trichloroethene will be included in the groundwater system design documents.

The residual-risk analysis (Section 4) identified areas of impacted soil that require remediation to meet remedial action objective No. 1 (to reduce site-related chemicals of concern to less than cumulative carcinogenic- and noncarcinogenic-risk levels acceptable for industrial and construction workers). Residual risk analysis involves sequentially "removing" the concentrations of contaminated soil samples from the risk calculation, beginning with the highest concentration and working down, until the average soil concentrations for the primary chemicals of concern attain the human health risk goal with a 95% certainty. These blocks of affected soil are physically remediated in Block E to achieve the specified risk goals. Residual risk analysis was performed on soil from zero to two feet below soil surface (surface soil), and on soil from two to 20 feet below soil surface, the maximum depth at which PCB contamination exceeding the PRG was measured. The risk assessment and residual risk analysis are summarized in Section 4.

***Preliminary remedial goals*—**To help reach remedial action objective No. 1, for each chemical of concern, PRGs were developed for industrial and construction workers exposed to chemicals of concern in surface and subsurface soil at Block E. These risk-based preliminary remedial goals for Tax Block E soil were developed as target levels to help identify locations that must be remediated to achieve risk management goals. The preliminary remedial goals are guidelines to achieve the

cancer and noncancer risk-management goals established for the project. The risk-based PRGs are provided in the table below.

Preliminary Remedial Goals for Industrial and Construction Workers

Chemical of concern	Surface soil (mg/kg)	Risk-based basis for preliminary remediation goals	Subsurface soil (mg/kg)	Risk-based basis for preliminary remediation goals
Aroclor 1254	7[(1)]	Construction worker; hazard index = 1	7 [(2)]	Construction worker; hazard index = 1
Total PCBs; Aroclor 1260	10[(3)]	Industrial worker; 1×10^{-5} cancer risk level	58[(3)]	Construction worker; 1×10^{-5} cancer risk level
Benzo(a)pyrene-equivalent	2.9[(3)]	Industrial worker; 1×10^{-5} cancer risk level	10[(2)]	Construction worker; hazard index = 1
Trichloroethene	3.9[(1)]	Construction worker; hazard index = 1	3.9[(2)]	Construction worker; hazard index = 1
1,2,4-Trichlorobenzene	330[(1)]	Industrial worker; hazard index = 1	530[(2)]	Construction worker; hazard index = 1

Notes:

[(1)] Lowest value from cancer- and noncancer-based preliminary remediation goals calculated for industrial- and construction-workers.

[(2)] Lowest value from cancer- and noncancer-based preliminary remediation goals calculated for construction workers.

[(3)] The cancer-risk-based PRGs for these chemicals were adjusted to assure that the *cumulative* cancer risk resulting from exposure to both total PCBs and BaPEq does not exceed 1×10^{-5}.

***Remedial action alternatives*—**After identifying the remedial action objectives, remedial action alternatives for soil were then identified and evaluated (see Sections 5.2 and 5.3). Various technologies and process options were considered and separated into seven general response-action categories. These include "no action," "limited action," "containment," "removal," "*in situ* treatment," "*ex situ* treatment," and "excavation and disposal" (see Table 5-5 for more information). A detailed screening of the technologies and process options with respect to effectiveness, implementability, and relative cost was conducted from which remedial alternatives were assembled. The remedial alternatives were then evaluated using several criteria. The first two criteria are *threshold criteria* which all alternatives must meet: overall protection of human health and the environment and compliance with applicable or relevant and appropriate requirements. The next set of criteria, the *balancing criteria*, are long-term effectiveness and permanence; short-term effectiveness; environmental impacts; reduction in toxicity, mobility, or volume through

treatment; implementability; costs; and sustainability. The last two criteria are *modifying criteria*: state and local acceptance.

Eight remedial alternatives were developed and screened. Five remedial alternatives were selected for final evaluation according to the criteria and comparison, as follows:

- ***Alternative 1:*** No action

- ***Alternative 3:*** Excavation and off-site disposal of impacted (e.g., soil exceeding the cumulative risk level) surface and subsurface soil using conventional construction methods. Excavation and disposal of all impacted soil to a depth of two feet below soil surface meets the cumulative cancer-risk-based criterion of 1×10^{-5} and a hazard index of 1 for industrial land use. In addition, excavation and disposal of deeper impacted soil to as much as 20 feet below soil surface would meet the cumulative cancer risk-based criterion of 1×10^{-5} and a hazard index of 1 for construction workers. The residual risk analysis also identified additional removal of soil with polychlorinated biphenyl concentrations greater than 25 mg/kg in the zero to two-foot interval and with concentrations greater than 100 mg/kg in soil within the two- to 20-foot interval, to provide a margin of safety. Institutional controls would also be applied.

- ***Alternative 4:*** Excavation of impacted surface soil using conventional methods and removal of subsurface soil using large diameter augers and off-site disposal. The same locations and volumes of soil described in Alternative 3 would be excavated. Institutional controls would also be applied.

- ***Alternative 7:*** Excavation of impacted surface soil using conventional methods with off-site disposal and *in situ* thermal desorption of subsurface soil. Volumes and locations of excavated surface soil (zero to two feet below ground surface) and *in situ* thermal-desorption-treated subsurface soil (two to 20 feet below the final-design ground surface) would be the same as described in Alternative 3. Institutional controls would also be applied.

- ***Alternative 8:*** Excavation of impacted surface and subsurface soil using conventional methods and on-site *ex situ* thermal desorption. The same locations and volumes of soil described in Alternative 3 would be excavated. The excavated soil would be treated on-site, and then used on-site as backfill. Institutional controls would also be applied.

Additional common elements for the proposed Alternatives 3, 4, 7, and 8 include the following:

- removing soil piles from atop portions of the building foundation to access the complete slab

- installing a retaining wall on the western side of the building foundation to access the complete slab and to stabilize the adjacent Tilley Chemical Company property

- demolishing and on-site recycling of the Building D foundation slab and footings
- demolishing and on-site recycling of other concrete surfaces and asphalt pavement within Block E
- removing the abandoned diesel product pipeline that traverses Block E
- removing and disposing of the contaminated storm-drain system and associated contaminated soil from within Block E and through Block F to the Outfall 005 discharge locations
- designing and constructing a new stormwater-management system
- backfilling and surface restoration: placing soil, topsoil, and seed over disturbed areas
- remediating radiological impacts due to historical operations in former Building D

The alternatives were then compared to each other, both qualitatively and quantitatively, based on the balancing criteria described above (see Section 5.5).

Proposed remedial action—For Lockheed Martin Corporation, success is based on how well we recognize and fulfill our responsibilities to protect the environment, to provide a safe workplace, to protect neighboring communities, to ensure stewardship of scarce natural resources, and answer to our customers and shareholders. All of these responsibilities were considered in selecting the remedial action for Block E. This evaluation of remedial alternatives resulted in selection of Alternative 3 as the proposed remedial action for Block E soil at the Middle River Complex. The remedial actions in Alternative 3 include institutional controls to mitigate site risks, after removing up to 20 feet of impacted soil in Block E, as follows:

- all soil zero to two feet below ground surface or bottom of slab required to achieve less than cumulative human health cancer and noncancer risk levels for industrial workers, and all soil in the same interval with polychlorinated biphenyl contamination greater than 25 mg/kg, as an added safety factor
- all soil two to 20 feet below ground surface or bottom of slab required to achieve less than cumulative human health cancer and noncancer-risk levels for construction workers, and all soil in the same interval with polychlorinated biphenyl contamination greater than 100 mg/kg, as an added safety factor

In the long term, removal of impacted soil will meet all remedial action objectives. Careful sequencing of stormwater management, in conjunction with storm-drain replacement, will meet remedial action objective No. 2 during remedy performance.

A "No Further Action" letter will be sought from Maryland Department of the Environment after the soil remedial action under Alternative 3 is complete. In that letter, the Maryland Department of the Environment will establish the institutional controls and environmental covenants that will be required for Block E. For example, institutional controls will be in place to prevent inadvertent excavation or other potential exposure to contaminants that remain once remediation has been completed, as well as prohibiting the use of groundwater for any purpose. Note that, although this plan proposes industrial-health risk-based remediation, this approach would not prohibit the site from future development for residential, commercial, or recreational land uses. However, if a future use of the site is not industrial-based, additional remedial activities might be required.

Schedule—A schedule of the remedial action implementation for Block E soil is in Section 9. Major activities include:

- final remedial action plan and draft risk-based disposal approval application submittals—2019
- final risk-based disposal approval application submittal—2020
- remedial action implementation—2021
- post-remedial action monitoring—2022 through 2023

Communication and community relations—Lockheed Martin Corporation is committed to its partnership with the Middle River community and to maintaining a high level of community outreach, communication, and public engagement as remediation work progresses. Lockheed Martin Corporation will also provide remediation program updates to local civic association leadership and other civic and business organizations, and upon request will attend civic association and other meetings to provide updates, answer questions, and address issues and concerns. Lockheed Martin Corporation will also hold an information availability session before the remedial action begins to secure comment and feedback and answer questions. Lockheed Martin Corporation remains committed to two-way transparent communication with the

community to ensure that questions are answered, and that issues and concerns are addressed in a timely manner.

SECTION 1
INTRODUCTION AND SITE BACKGROUND

This section presents the purpose, scope, and organization of the remedial action plan for Block E soil, including a summary of the content of each section of the remedial action plan.

1.1 PURPOSE OF THE REMEDIAL ACTION PLAN

On behalf of Lockheed Martin Corporation (Lockheed Martin), Tetra Tech, Inc. (Tetra Tech) has prepared this remedial action plan (RAP) for Tax Block E (Block E) at the Lockheed Martin Middle River Complex (MRC) in Middle River, Maryland. The location of the Middle River Complex is shown in Figure 1-1. This remedial action plan was prepared in accordance with requirements enforced by the Maryland Department of the Environment (MDE) and overseen by its Land Restoration Program in accordance with Administrative Consent Order ACO-SAR-MDE0746-2015-1-01. Tax Block E, along with other portions of the Middle River Complex, was accepted into the Maryland Voluntary Cleanup Program in 2006, but was withdrawn from the program in 2013 so that the environmental restoration of Middle River Complex soil, groundwater, and offshore sediment could be consolidated under the consent order into a single regulatory program. Appendix A contains a copy of the withdrawal letter documenting this change. The consent order became effective in December 2015.

This remedial action plan provides the background, supporting documentation, and framework (i.e., goals, performance-evaluation criteria, schedule) for remediation of Block E soil. It details the remedial action objectives (RAOs), selection of remedial technologies, and implementation of remedial actions. The remedial actions and goals detailed herein are based on current and historical site data derived from the soil investigations described in Section 2 and the anticipated land use. This remedial action plan provides information necessary to support the decision to remove contaminated soil to achieve the following remedial action objectives:

Remedial action objective	Description
1	Reduce site-related chemicals of concern in Block E soil to not exceed a cumulative human health cancer-risk limit of 1×10^{-5} and a cumulative non-carcinogenic hazard index of one for industrial workers and construction workers.
2	Prevent transfer of polychlorinated biphenyls to the extent practicable from surface soil and storm drains to discharged stormwater at concentrations that would impact the sediment remedy.
3	Prevent to the extent practicable leaching of polychlorinated biphenyls and 1,2,4-trichlorobenzene from soil to groundwater at concentrations that would impact surface water concentrations.

Upon approval of this remedial action plan, Lockheed Martin Corporation will proceed with developing the full remedy design, obtaining permits, and submitting a risk-based disposal approval application (RBDAA) in accordance with United States Environmental Protection Agency (USEPA) regulations implementing the Toxic Substances Control Act (TSCA) in 40 CFR 761.61(c).

1.2 SCOPE

Block E consists of three recognized environmental conditions (RECs): (1) former Building D (REC #1); includes five former transformer rooms); (2) a product pipeline connecting a former fuel oil storage tank to former building (REC #2); and (3) a former 500,000-gallon fuel oil aboveground storage tank (AST) and former associated underground storage tank (REC #3). The Maryland Department of the Environment (MDE) considers sites with a cancer risk greater than 1×10^{-5} (i.e., a one-in-100,000 increased probability of cancer) or a hazard index (HI) greater than 1 as sites that require remedial action.

The *Human Health Risk Assessment (HHRA) for Blocks D, E, F, G, and H Soils* (Tetra Tech, 2012f.) concluded that industrial worker exposure to chemicals of concern in Block E surface soil and construction-worker exposure to contaminants in Block E subsurface soil would result in a cancer risk greater than the MDE threshold, indicating that remedial action is necessary to reduce health risk. Remediation in accordance with Toxic Substances Control Act requirements (risk-based disposal approval, 40 *Code of Federal Regulations* 761.61[c]) is also required, because some concentrations of polychlorinated biphenyls exceed 50 milligrams per kilogram. This remedial action plan evaluates risk-based remedial actions (based on continued industrial use of the site)

that will achieve the remedial action objectives established for Block E soil. The remedial actions for Middle River Complex groundwater are described under a separate, approved, groundwater response action plan (Tetra Tech, 2012c).

1.3 ORGANIZATION

The Block E remedial action plan for soil is organized as follows:

Section 1—Introduction and Site Background: Presents the purpose, scope, and organization of the remedial action plan.

Section 2—Middle River Complex Block E Overview: Briefly describes the Middle River Complex, site history, prior environmental investigations and results, and the conceptual site model for Block E.

Section 3—Exposure Assessment: Presents the current and potential land use at the site, and describes environmental media of concern and possible contaminant-exposure pathways.

Section 4—Cleanup Criteria: Presents remedial action objectives, chemicals of concern, preliminary remedial goals, a residual-risk analysis summary, and protocols for attainment of preliminary remedial goals.

Section 5—Remedial Action Alternative Development and Evaluation: Presents the screening of technologies and process options, the development and analysis of alternatives, a comparative analysis of alternatives, and describes the alternative proposed to clean up the soil in Block E.

Section 6—Contingency Measures for the Selected Remedial Action: Presents the contingency measures to be employed if the selected alternative does not perform as expected.

Section 7—Proposed Remedial Actions: Presents the plan for the work necessary to perform various components of the proposed remedial actions.

Section 8—Permits and Notifications: Presents the permits and approvals that will be required to implement the Maryland Department of the Environment- and United States Environmental Protection Agency-approved remedial action plan and future risk-based disposal approval application.

Section 9—Implementation Schedule: Presents the detailed schedule for all work necessary to implement the Maryland Department of the Environment- and United States Environmental Protection Agency-approved remedial action plan and future risk-based disposal approval application.

Section 10—References: Lists references and citations used in compiling this remedial action plan.

Appendices:

- Appendix A—Voluntary Cleanup Program Withdrawal Letter
- Appendix B—Former Building D Foundation and Drainage Piping Drawings
- Appendix C—Residual Risk Analysis and Preliminary Remediation Goal Calculations
- Appendix D—Block E Chemical Detections in Soil and Exceedances of Risk-Based Preliminary Remedial Goals (Tables)
- Appendix E—Previous Investigation Data (Tables)
- Appendix F—BaPEq Calculation
- Appendix G—Block E Groundwater Depth Contour Maps and Soil PCB Isoconcentration Maps
- Appendix H—Total Cost Analysis
- Appendix I—Radiological Remediation Plan
- Appendix J—Hydrologic Modeling and Conceptual Grading
- Appendix K—*In Situ* Stabilization/Solidification Treatability Study
- Appendix L—*SiteWise*™ Information
- Appendix M—*Criterium*® *DecisionPlus*® Analysis
- Appendix N—Permit List

SECTION 2
MIDDLE RIVER COMPLEX
BLOCK E OVERVIEW

This section includes an overview of the site background and site-specific chemicals of concern (COC) in Tax Block E (Block E) at the Middle River Complex (MRC). Also summarized are the findings of previous site investigations, our understanding of the nature and extent of site contaminants, COC persistence and migration in the environment, and applicable exposure pathways, collectively known as the conceptual site model.

2.1 MIDDLE RIVER COMPLEX BACKGROUND

The MRC, located approximately 11.5 miles northeast of downtown Baltimore, is bounded by Eastern Boulevard (Route 150) to the north, Dark Head Cove to the south, Cow Pen Creek to the west, and Martin State Airport (MSA) to the east (Figure 1-1). The MRC consists of approximately 161 acres, including Tax Blocks A through I (except Block C), and is currently occupied by 12 main buildings with surrounding parking and storage areas (Figure 2-1).

The MRC is part of the Chesapeake Industrial Park at 2323 Eastern Boulevard in Middle River, Maryland. The area currently includes active industrial properties, perimeter parking lots, an athletic field, a vacant concrete-covered lot (Block E), a trailer storage lot, and numerous grassy areas along the facility perimeter, also including a former seaplane launch ramp. Locked and access-controlled chain-link fences surround the main industrial area and all external properties, including Block E. Figure 2-1 is an MRC layout map showing the active industrial facility (Tax Block I) and the external Tax Blocks A, B, D, E, F, G, and H surrounding Tax Block I. LMC Properties, Inc. (LMCPI) owns and manages the MRC, and periodically leases space to other parties for storage, parking, and various operations. Block E is one of several properties at the MRC being managed by Lockheed Martin Corporation (Lockheed Martin) as part of environmental stewardship efforts to address contamination from former industrial operations.

In 1929, the Glenn L. Martin Company (a predecessor entity of Lockheed Martin) acquired a contiguous parcel of undeveloped land in Middle River, Maryland on which to manufacture aircraft for the United States government and commercial clients. In the early 1960s, Glenn L. Martin Company merged with American-Marietta Company to form Martin Marietta Corporation. In 1995, Martin Marietta Corporation merged with Lockheed Corporation to form Lockheed Martin and focused its on-site operations at MRC on equipment construction and testing for the United States government and commercial clients. Shortly after the merger, General Electric Company acquired most of Lockheed Martin's aeronautical business in Middle River and began operations under General Electric subsidiary MRA Systems, Inc., reportedly is being sold by GE to Singapore Technologies Engineering.

2.2 BLOCK E BACKGROUND

Block E consists of two adjoining parcels, the main portion of Block E (15.433 acres) and Lot 3, identified hereinafter as "Block E2" (0.533 acre) in the southern portion of the block. Block E is bounded on the north by the active industrial portion of the complex (Block I), to the east by Parking Lot No. 6 (Block D), to the south by Waterfront Lot (Block F), and to the west by the Tilley Chemical Company (Figure 2-1). The former location of Building D encompasses approximately half of the Block E area. Building D was constructed very rapidly in the early 1940s and razed in December 1971. Demolition records indicating disposal plans, or disposal manifests for former Building D building materials, were not located. The remaining concrete floor slab, corresponding to the former basement floor, defines the current grade (Figure 2-2). The following sections summarize former industrial operations at Block E and former Building D, and describe current conditions at Block E.

2.2.1 Aircraft Assembly

Historically, the MRC facilities have been used primarily to design, develop, assemble, and test aircraft and missile launching systems. Block E, in the southern portion of the Middle River Complex, is the site of former Building D, which was demolished to the basement floor level in 1971. The building had an assembly floor (first floor) that exited at the grade of the current Tilley Chemical Company property, along with a basement level (the current concrete slab). The former building occupied approximately 400,000 square feet. Historical engineering drawings obtained

from MRC files show that the former basement areas were used for welding, extrusion milling, engine preparation, and assembly, as well as various radiological activities.

Former elevators and former heater rooms were along the northern, eastern, and southern interior perimeter of the former building, and former electrical transformer rooms were along the northern and southern interior perimeter. A cafeteria and cleaning/plating and finishing rooms were along the southern interior wall, near the center of the building. Figure 2-3 shows the historical factory layout and features of former Building D.

2.2.2 Radiological Research, Testing, and Fabrication

Historical engineering drawings indicate that the western and southwestern portion of the basement housed several nuclear-related offices, manufacturing spaces, and laboratories. The former nuclear operational areas at Building D area are shown on Figure 2-4. Historical operations of radiological significance involved the following:

- research, development, fabrication, and testing of fuel assemblies for nuclear reactors using varying enrichments of uranium-235 (U-235)
- fabrication of aircraft components, including thermoelectric generators known as Systems for Nuclear Auxiliary Power generators, using magnesium-thorium alloy (4% thorium as thorium-232 [Th-232])
- possession of sealed or plated sources, including a cobalt-60 source, thought to have been used for instrument-quality checks and radiography operations

Residual radioactive contamination remained in the underground drain lines of the vacated building in these areas of Building D before demolition. Radiological surveys, decontamination, and sampling were conducted before, during, and after demolition to address this issue.

Nuclear Regulatory Commission (NRC) records indicate that decontamination of Building D removed radioactive residue in June–September 1970 under the administration of the NRC's predecessor, the Atomic Energy Commission (AEC). The final survey report was issued September 22, 1970. The building was demolished in December 1971, about one year after the final survey report. In 1982, the NRC reviewed the post-decontamination survey and concluded the following:

"The Building D, which was decontaminated and released for unrestricted use when AEC license SNM-1192 was terminated, is the same facility where work was authorized by license Nos. C-3991, and if any material remained from operations under these licenses it would have been detected and removed during that effort.

"No determination could be made if the drains containing residual U-235 activity were sealed with cement, however, since the building is now demolished and the site covered with grass, this activity is unlikely to present a hazard.

"Region I concludes the site meets current NRC criteria for release for unrestricted use, and that no site survey is necessary."

NRC confirmatory survey—In 1995, NRC and state personnel made an announced inspection and survey of Building C and the site of former Building D at the Martin Marietta Middle River facility, and an inspection and survey of Buildings KJ and KC at MSA. The inspection was closeout verification for AEC licenses 19-01398-20, 19-01398-32, SNM-11, SNM-53, SNM-907, SNM-1192, and STB-00187. Gamma walkover surveys of the Building D concrete pad were also performed during the 1995 inspection. The inspectors surveyed the concrete pad along parallel lines five meters apart, paying attention to drains, clean-outs, and holes in the pad. In addition to measurements taken at drains and clean-outs, surface contact readings were also taken at approximately 10-meter intervals.

Numerous sealed or filled-in drains, clean-outs, penetrations, and holes in the pad were located. Although some appear to be former drains filled with concrete, it is not apparent whether any of these are the drains referred to in the closeout survey. Martin Marietta staff stated that the rubble from the building demolition had been the contractor's responsibility. It was removed and is believed to have been disposed of in a landfill. No detectable radiation levels above background (5 micro roentgens per hour [μR/hr]) were found. Although the NRC stated it had no indication that the licensee's commitment to seal five contaminated drains with concrete had been verified, the facility was nevertheless deemed suitable for unrestricted use. The NRC's 1982 and 1995 determinations that the facility was deemed suitable for unrestricted use are therefore interpreted to apply to current conditions.

2.2.3 Current Conditions—Block E

The area occupied by former Building D has not been redeveloped since the building was demolished in 1971. Portions of the area are used to store lowboy trailers and airplane carcasses belonging to the Glenn L. Martin Aviation Museum at MSA. A shed used to store road salt and sand is in the northwestern corner of the former Building D footprint. A 500,000-gallon, aboveground storage tank (AST) and pump-house associated with the facility fire suppression system are in the southeastern corner of Block E. Tilley Chemical Company occupies the western adjoining property, and stores trailers on the concrete parking apron of former Building D in the southwestern corner of Block E.

The basement floor consists of concrete slabs with ceramic tiles overlaying the concrete in several locations (see Appendix B). Construction joints or expansion joints (with associated cracking) are between the slabs. Former sumps and floor drains associated with the building's manufacturing process, some of which have been plugged with concrete or grouted, remain within the existing concrete slab. Areas off the foundation slab are either ancillary concrete parking and access points, or are covered in grass or other vegetation.

Steep soil slopes along the western and northwestern edges of Block E represent areas where the existing grade was higher than the eastern ground surface (with elevation differences of approximately 12 feet), and the topography was lowered to provide a level surface to construct the building. In these sloped areas, the soil has slumped onto the outer edge of the foundation slab after the building removal. Throughout this remedial action plan (RAP), these soil features are referred to as "soil piles."

Environmental features associated with Block E referenced throughout this RAP include three recognized environmental conditions (RECs) identified in 2003: former Building D (REC #1) (including five former transformer rooms), the product pipeline (REC #2), and the former 500,000-gallon aboveground storage tank and associated tank (REC #3) (Earth Tech, Inc., 2003). Figure 2-4 shows historical Block E features and RECs.

The former Building D (REC #1) is presently visible as a concrete slab representing the former basement level, which exhibits joints, cracks, and areas of subsidence. Former floor drains have

been filled with concrete. Five former transformer rooms were on the building slab. Due to the suspected former existence of transformers with polychlorinated biphenyl- (PCB-) containing oils, the former transformer room areas have been investigated extensively. Polychlorinated biphenyls (PCBs) were detected at elevated concentrations in concrete and soils in REC #1, particularly around three of the former transformer rooms (Transformer Rooms 2, 3, and 4).

The product pipeline (REC #2) is a 1,815-foot-long, two-inch-diameter pipe running underground from the former 500,000-gallon fuel oil aboveground storage tank (REC #3) to the MRC power plant (in Block I). Approximately 1,500 feet of the pipeline is within Block E. The pipeline supplied fuel oil to the powerhouse. The pipeline location coincides with that of a drainage ditch running along the western and southern boundary of Block E. A small portion of the pipeline (approximately 200 linear feet) and 120 cubic yards of surrounding soil were excavated and disposed of offsite in 2002 during AST removal at REC #3 (Earth Tech, 2003). This work was performed by LMC Properties, Inc., (LMCPI) under permit and approval of the Maryland Department of the Environment (MDE) Emergency Response Program. The remainder of the pipeline (approximately 1,300 linear feet within Block E) was abandoned in place when Building D was demolished (Figure 2-4).

The former 500,000-gallon AST and associated tank (REC #3) were in a grassy shoulder in the southeastern portion of Block E near the fire pump building. The former AST was surrounded by a shallow earthen berm. A 500-gallon underground storage tank (UST) was associated with this larger tank, reportedly to collect excess oil from the pressurized lines after the AST was filled. The area associated with this tank has been the subject of separate groundwater characterizations, and is the location of a groundwater remediation system that addresses historical solvent releases thought to result from a separate UST discovered and removed in 2013 adjacent to the Building D foundation slab. The groundwater response action is in progress in this area, and is independent of the remaining Block E impacts presented in this report. The *in situ* groundwater bioremediation system wells and piping have been installed, but the system is not yet in operation. An addendum to the groundwater response action plan (Tetra Tech, 2018c), recommending an expansion of that system and installation of a groundwater containment system and permeable reactive barrier in

Block F, was approved by the Maryland Department of the Environment in July 2018. Design of that system is proceeding, and installation is anticipated to be completed in late 2019.

The soil remedial action will ultimately focus on remediation of PCBs and, to a lesser extent, other chemicals, but the cleanup is significantly complicated by site physical characteristics and the historical in-place concrete capping of five floor-drain inlets with indications of radiological contamination. Remediation of the site will also include demolition of the concrete slab and tiles and remaining former Building D features, and reconfiguration of the storm drain system to accommodate post-remediation restoration.

2.3 BLOCK E PREVIOUS INVESTIGATIONS

Section 2.3 summarizes prior and current site characterizations and the remedial investigation undertaken at Block E. Several investigations have been completed since 2003 to develop a full understanding of environmental impacts to various site environmental media from past operations at Block E. Investigations related to Block E have included reviews of records, maps, and design drawings, discussions with current and former MRC personnel, geophysical surveys, geotechnical studies, physical site condition evaluations, and extensive multimedia sampling. Comprehensive sampling at Block E has included collecting 113 concrete samples, more than 1,000 surface soil samples, more than 600 subsurface soil samples, 116 groundwater samples from more than 50 monitoring wells and over 40 temporary well points, stormwater samples from more than 16 manholes and inlets, and other miscellaneous samples.

2.3.1 Block E Investigation Timeline

Previous investigations documented in reports related to Block E soil characterization include the *Phase I Environmental Site Assessment* (Earth Tech, Inc., 2003); the *Final Report Phase II Site Investigation of Exterior Areas* (Tetra Tech, 2004a); the *2004 Phase II Environmental Site Assessment* (Tetra Tech, 2005a); the *Final Data Report, Site-Wide Phase II Investigation* (Tetra Tech, 2005b); the *Phase II Soil Investigation* (Tetra Tech, 2006a); the *Site Characterization Report* (Tetra Tech, 2006b); the *Block E Supplemental Soil and Storm-Drain Sediment Characterization Report* (Tetra Tech, 2010); the *Block E Data-Summary Report* (Tetra Tech, 2011); the *Additional Block E Soil Characterization Report* (Tetra Tech, 2012a); *Blocks E and G Pre-Design Soil-*

Report (Tetra Tech, 2010); the *Block E Data-Summary Report* (Tetra Tech, 2011); the *Additional Block E Soil Characterization Report* (Tetra Tech, 2012a); *Blocks E and G Pre-Design Soil-Sampling Investigation Report* (Tetra Tech, 2012e); the *Supplemental Investigation: Block E and Block I, 2013 Report* (Tetra Tech, 2014c); *Block E Soil Sampling Investigation* (Tetra Tech, 2015); and the *Remedial Investigation, Block E Soil* (Tetra Tech, 2018a).

Soil characterization results from 2003 to 2017 are fully documented in the reports listed above and are not detailed herein. A timeline of the primary Block E characterization and soil remedial investigation activities and reports is presented below. The applicable data and findings from these investigations are incorporated throughout this RAP, including supporting tables and figures:

- The Block E site characterization in 2003–2005 included a risk assessment that identified PCBs as a COC (Tetra Tech, 2006a and 2006b).
- Additional Block E soil and storm-drain sediment characterization from 2007 to 2009 further delineated PCBs (Tetra Tech, 2010).
- A human health risk assessment (HHRA) was completed in 2012 (Tetra Tech, 2012f).
- Subsequent investigation in 2012 (Tetra Tech, 2012a and 2012b) included extensive sampling of concrete, surface and subsurface soil, and groundwater, and investigation of utility cross-connections.
- A soil investigation examined areas of Block E where the infrastructure of the groundwater remediation system would be placed (Tetra Tech, 2012e).
- Implementation of an MRC groundwater response action plan began in 2013 (Tetra Tech, 2012c). During system installation in Block E, two small underground storage tanks (USTs) were encountered adjacent to the southern side of Building D, one of which was co-located with a significant trichloroethene (TCE) release to the subsurface soil and groundwater. Multi-phase extraction reduced TCE concentrations in groundwater to the performance goal originally planned so that the groundwater remedy (anaerobic reductive dechlorination) could remediate any remaining TCE. A narrow TCE plume, extending from the UST to Dark Head Cove, was subsequently delineated. The groundwater response action was amended to include remediation of the extended plume, and was approved by the MDE in July 2018 (Tetra Tech, 2018c).

- Studies associated with groundwater remediation, including the *Blocks E and G Pre-Design Soil-Sampling Investigation* (Tetra Tech, 2012e) and *Summary Report for Soil and Groundwater Delineation, Block E USTs 1 and 2* (Tetra Tech, 2013a), included monitoring well sampling for PCBs and soil delineation in areas of groundwater remediation infrastructure.

- Summary reporting for two Block E monitoring wells installed downgradient of Transformer Room 2 indicate that low concentrations of lighter PCB homologs have migrated a short distance downgradient (Tetra Tech, 2018a).

- From 2016 to 2018, a remedial investigation was completed, and a report was prepared (Tetra Tech, 2018a). The RI sampling locations and depths were selected to complement prior Block E data and further delineate subsurface impacts identified as part of earlier investigations. The risk-based cleanup goals (preliminary remediation goals [PRGs]) from the 2012 risk assessment were updated using the full set of Block E soil data, including data from 2013 to 2017.

- A residual risk analysis (RRA) (Tetra Tech, 2018d) was completed in support of this remedial action plan (RAP), incorporating all Block E soil chemical data obtained between 2003 to 2017 (see Appendix C).

- Sampling was completed in August 2018 for delineation of PCBs in the surface soils in roadway medians adjacent to Block E, along Chesapeake Park Plaza (Tetra Tech, 2019a). This sampling indicated the presence of PCBs at some locations in the center median and on the southern edge of Chesapeake Park Plaza, along Block F. Further information is in Section 4.3.3.

The complexities of Block E and its associated chemical releases have resulted in extensive environmental study. Activities associated with groundwater investigations and remediation for solvents in the southeastern corner of Block E have included sampling for PCBs, the primary chemical of concern, in both groundwater and soil. However, groundwater impacts in this area are being addressed separately from soil, along with other impacted groundwater areas of the MRC.

2.3.2 Block E Chemical Data and Comparison Criteria

Chemical data for Block E, including positive detections only for soil- and concrete-sampling results from all previous investigations (i.e., nondetect results are not listed), are in Appendix D. The chemical data for Block E soil in Appendix D are compared to the site-specific risk-based screening levels based on exposures and receptors developed in the HHRA. Surface soil is defined as zero to two feet below ground surface (bgs). ("Ground surface" and "soil surface" refer to the ground surface where the soil is exposed or the soil in contact with the bottom of the concrete

where a foundation is present.) Subsurface soil is defined as from two feet bgs to the vertical limit of investigation. The chemical data for concrete, specifically PCB Aroclors, are compared to the Toxic Substance Control Act (TSCA) special handling and disposal concentration of 50 milligrams per kilogram (mg/kg) for total PCBs. Complete data tables (including nondetect results) for Block E soil, concrete, groundwater, and water from voids below the slab (i.e., sub-slab water) are in Appendix E.

During previous investigations, screening criteria used for data comparison have varied due to revisions to the Maryland Department of the Environment (MDE) cleanup standards and other applicable criteria. Residential screening criteria were conservatively used to screen soil data in earlier reports; however, based on the current and projected use of the property, industrial soil screening criteria are more appropriate. Chemicals detected in soil at concentrations exceeding the more conservative residential screening criteria during previous investigations were evaluated further in each subsequent investigation, and those chemicals exceeding MDE residential and industrial criteria are collectively addressed as chemicals of potential concern (COPC) in this remedial investigation. A human health risk assessment was completed in 2012 (see third bullet, above), resulted in the development of site-specific, risk-based screening levels for Block E (Tetra Tech, Inc., 2012f).

The risk-based screening levels, or preliminary remediation goals (PRGs), for Block E surface and subsurface soil chemicals of concern (COC) were updated in 2017 based on revisions to some United States Environmental Protection Agency (USEPA) exposure assumptions. The updated PRGs for Block E were documented in the memorandum from Lockheed Martin Corporation (Lockheed Martin) to the Maryland Department of the Environment (MDE) titled *Technical Memorandum–Preliminary Remediation Goals for Industrial and Construction Workers; Block E Soil Remediation Lockheed Martin Corporation; Middle River Complex* (Lockheed Martin, 2018). The Block E PRGs are presented in Section 4.

Block E groundwater data are conservatively screened against surface water quality criteria developed to protect human health or ecological receptors, because Block E groundwater is likely hydraulically connected to Dark Head Cove surface water (Figures 2-2 and 2-20). Neither shallow groundwater nor surface water is used as a drinking water source on or near the MRC. Lockheed

Martin anticipates that groundwater use restrictions, as well as soil management and notification protocols, will be imposed by the MDE to secure site closure under a "No Further Action" letter.

2.4 CONCEPTUAL SITE MODEL

This section summarizes the conceptual site model (CSM) developed for Block E soil based on current conditions at the site, and the results of previous investigations, as summarized below and in Section 4.2.

2.4.1 Contaminant Sources and Chemicals of Concern

The human health risk assessment (HHRA; Tetra Tech, 2012f) and residual risk analysis (Tetra Tech, 2018d) identified PCBs (e.g., Aroclor 1254, Aroclor 1260), polycyclic aromatic hydrocarbons (PAHs, expressed as benzo(a)pyrene equivalents [BaPEq]) (see Appendix F), TCE, and 1,2,4-trichlorobenzene (1,2,4-TCB) as COC for Block E soil, assuming typical exposures to industrial and construction workers are the receptors of concern. PCBs and, to a lesser extent, BaPEq, are the COC for the industrial worker exposure scenario, based on direct-contact exposure with Block E soil at depths of zero to two feet below ground surface (bgs).

During the update of the residual-risk analysis (RRA) for the RI (refer to Section 4.4 of this RAP and Appendix C), TCE was included in the list of COC for the construction worker scenario, due to its high detected concentrations in Block E soil in the southeastern area of the site during the UST removal and delineation (Tetra Tech, 2014a). The chemical 1,2,4-TCB was included on the COC list based on industrial worker direct contact with subsurface soil, and because it was included as an overall COC for industrial workers in the "Remedial Goal Options" section of the HHRA. However, 1,2,4-TCB does not contribute significantly to the risk estimated for the industrial worker with direct contact to surface soil. However, these 1,2,4-TCB concentrations are co-located with significant PCB source contamination in both surface and subsurface soil, so remediation of PCB will also mitigate the risk from 1,2,4-TCB. The southeastern area of the site has the highest detected concentrations of PCB Aroclor 1254.

Soil data collected from RECs #1 (former Building D), #2, and #3 in Block E indicate that past activities have released contaminants (e.g., PCBs and chlorinated benzenes, total petroleum

hydrocarbons [TPH], diesel-range organics [DRO], and TCE) to the surrounding environment. The contamination beneath and around former Transformer Rooms 2, 3, and 4 (shown on Figure 2-4) appears to have resulted from release of insulating fluids from underground electric lines that tied into the former transformer rooms, or possibly from direct releases from the transformers themselves. Figures 2-5 through 2-9 show locations of all soil samples collected at Block E, and are provided for discussion of contaminant sources, and as a reference for sampling data provided in Appendices D and E. Figures showing concentrations of Block E COC in soil will be presented and discussed in Section 4.

The combined PCB data show four areas where PCB concentrations exceed screening levels (PRGs), including the three former transformer rooms and an area around an existing 500,000-gallon water tank (Figure 2-4). The first area of PCB (Aroclor 1260) exceedances is the northwestern quadrant of Block E, and includes former Transformer Room 2. Aroclor 1260 exceedances in this area are primarily in subsurface soil ranging from two to 20 feet bgs. The highest Aroclor 1260 concentration (two orders of magnitude above PRG) in this area was at a depth of 6-8 feet bgs, just south of the Transformer Room 2 footprint (E-SB-1499; see Figure 2-5).

The second area of PCB (Aroclor 1260) exceedances is in the southwestern portion of Block E, near the former nuclear laboratory, former electrical Transformer Room 4, and the former waste collection area (Figure 2-3). In borings near former Transformer Room 4, PCBs were detected in subsurface soil at levels more than two orders of magnitude above PRGs, and in soil up to 12 feet bgs (e.g., at locations E-SB-1551 and E-SB-1598; Figure 2-7). Results from several deep-soil borings advanced in this area indicate that elevated PCB concentrations are in deep soil up to 20 feet below grade in the southwestern portion of Block E (e.g., E-SB-1471 and E-SB-1476; Figure 2-7).

Product in the form of nonaqueous-phase liquid was observed trapped in the soil matrix nine feet below the soil surface at sampling location E-SB-833, located approximately 15 feet north of former Transformer Room 4. Product was not observed in the surrounding boreholes and at sampling locations in this area, although elevated concentrations were detected as deep as 20 feet below grade.

The maximum depth PCB exceedance in the southwestern area (and for the entire site) is 20 feet below grade, as described above; however, results from surrounding deep-soil borings indicate that the lateral extent of PCB exceedances at this depth is limited. Exceedances in surrounding borings are only in soil samples collected from 18 feet bgs or less, with most detected less than 12 feet bgs.

The third area of PCB (Aroclor 1260) exceedances is in the south–central area of former Building D (e.g., the southern quadrant; see Figure 2-8). This area housed the former cleaning, plating, and finishing rooms (first floor); former electrical Transformer Room 3 on the basement floor; and an electrical substation outside the building (basement features shown on Figure 2-3). Elevated Aroclor 1260 concentrations in this area are generally within 30 feet of former Transformer Room 3. Most PCB exceedances are limited to the first eight feet of soil. However, PCB exceedances have been detected in soil 16 to 18 feet deep at two borings in this area (i.e., at locations E-SB-1590 and E-SB-1736; Figure 2-8). PCBs here likely resulted from release of insulating fluids from underground electric lines that tied into the former transformer room, or possibly resulted from direct releases from the transformers during operations or during building demolition. Likewise, these release mechanisms were likely applicable in Transformer Rooms 1, 2, and 4.

The grassy field west of the water tank is the fourth area of PCB exceedances, the former site of a 500,000-gallon diesel fuel oil AST (Figure 2-3). Elevated Aroclor 1254 concentrations are unique to soil in this area; Aroclor 1260 is the predominant PCB in other areas of the site. The deepest exceedance of PRGs in this area is at seven feet bgs (E-SB-1375, Aroclor 1254 was detected at 6-7 feet bgs; Figure 2-9). The origin of PCBs (including Aroclor 1254) in this area is unknown, but might be indicative of spills with a different formulation of dielectric fluid, or might be due to some other PCB-containing oil used during historical facility operations. Elevated TCE concentrations also occur in soil at the southeastern portion of Block E, as indicated in soil data collected during the 2013 installation of the groundwater treatment system wells and piping, and during the UST delineation. Elevated TCE concentrations were delineated vertically to 12 feet below soil surface. These high TCE concentrations are likely associated with leaks from the former UST discovered and removed in this area. The groundwater response action to address the chlorinated solvents in the southeastern portion of Block E is in progress (see Section 2.2.3).

2.4.2 Geology

The interpretation of subsurface conditions at the Middle River Complex is based on observations made during installation of soil borings and temporary and permanent groundwater monitoring wells during the numerous site investigation/characterization efforts conducted since 2003 (see Section 2.3 for a summary of previous investigations). Before construction of Building D, the Block E area was a wetland or low-elevation uplands associated with Dark Head Cove (see historical shoreline shown on Figure 2-4). The area was filled with varying depths of soil to expand the usable area of the MRC and construct Building D and the Dark Head Cove sea plane ramp and bulkhead area to the south. Logging of classification and description of soil beneath the MRC, and specifically in Block E (conducted during extensive site characterization), have identified a very heterogeneous substrate. Underlying soil is composed primarily of silty sands, fine- to medium-grained sands, silty clays, clayey silts, and plastic clay, with the primary lithologies being clay to silty clay and silty sand.

In most areas across the site, either sand or clay to silty clays dominates the subsurface, and form large, continuous thicknesses. In other portions of the site (especially the southwestern former Building D footprint), discontinuous layers of sand and clay to silty clay dominate the subsurface. Sand lenses (generally defined as thicknesses less than five feet) were encountered, but generally do not appear to be continuous in this area. Geologic cross-section figures, developed using interpretations of geologic conditions from all Block E environmental subsurface borings, are shown on Figures 2-10 through 2-18. These cross sections also depict construction details of borings and wells and total Aroclor concentrations. Figure 2-10 shows the location of each of the cross sections in the Block E area.

In the area north of the former Building D footprint, clay and silty clay are the predominant subsurface lithology, with minor amounts of sands observed (likely not interconnected or continuous). From approximately the northern extent of the former Building D footprint and extending to the south, a sand unit dominantly occurs. The thickness of the sand unit varies from less than five feet to 20 feet thick, with its greatest thicknesses occurring near the central portion of the former Building D footprint (see Figure 2-11 [MRC-MW-123 and MRC-MW-124]). Clay and silty clay underlie the sand unit.

In the western portion of the former Building D footprint, the subsurface is dominantly clay and silty clays with minor sand layers (less than five feet thick) throughout the upper 30 feet. From the central portion to the eastern extent of the former Building D footprint, much of the upper 10 feet of the subsurface contains various surface materials (concrete, asphalt, etc.). Underlying this disturbed material is typically clay and silty clays, though a laterally extensive sand layer (up to 20-feet-thick) occurs in the central portion of the site. A sand layer more than 10-feet-thick occurs below the clay and silty clay in the eastern portion of the site, with a massive clay layer at approximately 30 feet bgs and minor sand layers also occurring within the clay and silty clay.

Boring logs for wells installed in the western portion of the former Building D footprint (wells MRC-MW-43A and MRC-MW-44A) indicate six to 11 feet of sandy silt and silt underlain by one to three feet of clay. The clay is underlain by additional silt and sandy silt down to 40 feet bgs. In another western well boring (MRC-MW-62C), 10 feet of silty clay is observed beneath the concrete slab, followed by 13 feet of silty sand and silt to a depth of 23 feet bgs. Two feet of clay are encountered at depths of 23–25 feet, followed by silt and fine sand to 65 feet bgs. This supports the overall heterogeneous layering of various thicknesses of clay, silt, and sand units across the former Building D footprint (and Block E area).

In the eastern portion of the former Building D footprint (well MRC-MW-34C), 25 feet of sand and silty sand are directly beneath the basement slab. A four-foot thick clay layer is present from 26 to 30 feet bgs, followed by silt and fine sand to a depth of 62 feet bgs. The log from a deep well (MRC-MW-96D) installed south of the concrete slab of the former Building D footprint indicates 52 feet of dense clay at depths of 65–117 feet bgs near Dark Head Cove. The 52-feet-thick clay layer is expected to be at depths of approximately 70–122 feet below grade at the concrete slab area, because the concrete slab is approximately five feet higher than where deep well MRC-MW-96D is located.

The subsurface depiction of soil types from the cross-section interpretations and other individual well logs across the former Building D footprint (and Block E area in general) can be described as clay and silty clay and sands, usually with one of these lithologies dominating an area. Generally, sand interbedded with clay and silty clays is observed in the upper 20 feet of subsurface throughout the central to eastern portion of the former Building D footprint, underlain by clay and silty clay.

Clay and silty clay with minor sand lenses occur in the western to central portion of the former Building D footprint. Along the southern extent of the former Building D footprint, clay and silty clay occur with multiple thin sand lenses. The history of the property, and the nature of its location and its historical use, suggest that there might be greater fill thicknesses near Dark Head Cove that thins toward the Block E area. The use of fill was prevalent at MRC in the 1940s when the former Building D and the Dark Head Cove bulkhead were constructed.

2.4.3 Hydrogeology

Groundwater in the Block E area is generally shallow, ranging from a few feet to approximately 15 feet bgs. The subsurface geology is typically composed of clay and silty clay and sands, usually with one of these lithologies dominating an area. Generally, sand interbedded with clay and silty clays is observed in the upper 20 feet of subsurface throughout the central to eastern portion of the former Building D footprint, underlain by clay and silty clay. Clay and silty clay with minor sand lenses occur in the western to central portion of the former Building D footprint. Groundwater occurs within the sand portions of the upper aquifer. Groundwater typically occurs under semi-confined conditions within a few feet to approximately 15 feet below ground surface.

The shallow, or surficial, groundwater system is divided into an upper and lower zone, though in many locations across the Block E area, no clear distinction exists between these zones. Generally, wells screened in the upper surficial zone have well screens as deep as 21 feet bgs, and wells in the lower surficial zone are screened as much as 10 feet below the upper surficial zone well screens (most are screened approximately five feet below the upper shallow well screens). The upper and lower zones are separated by clay and silty clay in some areas of the site.

A synoptic round of water levels was collected at the Block E area on January 9, 2019. Block E groundwater monitoring wells are shown on Figure 2-19. Groundwater elevations were determined in feet according to the North American Vertical Datum (NAVD), based on measuring point elevations and measured depth to water for each well. Groundwater elevations were posted on site maps to determine the upper and lower surficial groundwater-flow directions and gradients. For reference, the elevation of the top of the concrete slab (former Building D footprint) is

approximately 11 feet NAVD. Potentiometric surface maps for the upper and lower surficial-groundwater zones are in Appendix G.

Groundwater flow in the upper surficial-groundwater zone is to the southeast, toward Dark Head Cove. Groundwater flow in the deeper (lower surficial) zone is also southeast toward Dark Head Cove. Minor variations in the groundwater flow-field occur in the north-central portion of Block E (near MRC-MW124), resulting in localized groundwater flow in a more southerly and easterly direction. However, overall groundwater flow is still ultimately southeast. No surface water bodies cross or emanate from Block E, and no wetlands have been identified in or around Block E.

In both the upper and lower surficial-groundwater zones, the hydraulic gradient is more subdued (less) across the Block E area, as compared with the area between Block E and Dark Head Cove in Block F. This is likely due to the concrete slab, which limits infiltration of rainfall through this area (although there are significant voids under the southern portion of the foundation slab that tend to fill with rain and create a source of water for infiltration). The horizontal hydraulic conductivities are similar for the upper and lower shallow-groundwater zones, and are estimated as 0.0094 feet/foot in the upper shallow zone and 0.011 feet/foot in the lower shallow zone.

Analysis of the depth to groundwater data from the March 16, 2018 synoptic round suggests that vertical hydraulic gradients are dominantly downward across Block E. Well clusters in the southern portions of Block E exhibit the largest downward gradients (MRC-MW103, MRC-MW125, MRC-MW126, MRC-MW128, and MRC-MW130). An upward gradient occurs at the well cluster MRC-MW37, which is adjacent to Dark Head Cove and southeast of the southeastern sub-area of Block E.

Surface runoff discharges from the site via storm drains, except for areas immediately adjacent to Cow Pen Creek and Dark Head Cove. In February 2019, MDE granted a No Exposure Certification for the stormwater, so the Maryland National Pollutant Discharge Elimination System (NPDES) permit (state discharge permit No. 06DP0298, NPDES No. MD0002852) for industrial stormwater is no longer needed and was terminated by the MDE.

2.4.4 Contaminants in Groundwater

Chlorobenzenes detected in Block E soil are also present in groundwater, around and downgradient of former Transformer Rooms 2, 3, and 4. Groundwater in the southeastern portion of Block E is contaminated with chlorinated volatile organic compounds (cVOCs), primarily TCE. These elevated TCE concentrations are attributed to leaks from a former UST removed from this area in 2013. Groundwater impacts and remediation in this area is being addressed in the most recent addendum to the groundwater response action plan (Tetra Tech, 2018c). Another TCE plume that originates in the north from the Building C area in Block I passes through the center of Block E and moves toward the southeastern area. The TCE concentrations under the former Building D foundation are much lower than those in the southeastern area (AECOM, 2018). This plume will continue to be monitored under the current groundwater monitoring program.

Groundwater PCB detections are limited to the area where elevated PCB concentrations are in soil. In general, PCBs are thought to be relatively immobile in water. Detections of PCB in unfiltered groundwater samples (but not in filtered groundwater samples) collected in 2014 indicate that soil particles (i.e., colloids) might be why PCBs are found in groundwater samples, or why facilitated transport (along with chlorobenzenes) might be occurring. Downgradient well data indicate only very limited PCB migration away from the transformer room areas. Chlorobenzenes have migrated farther than PCBs.

2.4.5 Land Use Scenario

The current and future land use scenario at Block E is considered Tier 3 ("Industrial") under MDE regulations. Under the industrial land use scenario, current and future construction and industrial workers are potential receptors.

2.4.6 Summary of Conceptual Site Model

This section provides a comprehensive summary of how the predominant site COC contribute to the Block E CSM.

Polychlorinated Biphenyls and Chlorinated Benzenes

Polychlorinated biphenyls and chlorinated benzenes appear to have been released to the environment in Block E in the following ways:

- Light surface contamination within the footprint of former Building D likely resulted from small releases associated with historical industrial operations and minimal surface infiltration via washing of industrial surfaces and introduction to shallow soil through cracks or seams in concrete and storm drains.

- Elevated contaminant levels in soil below and former Building D, from the surface to approximately 20 feet below soil surface, are likely the result of release(s) from transformers or underground insulated electrical utility lines, possibly during operation or during Building D demolition.

- The presence of Aroclor 1254 in the southeastern portion of the site does not have an identified release mechanism.

- PCBs in storm drains and drainage swales are spatially related to the elevated concentrations found in surface and subsurface soil impacted by the former transformer rooms. Extensive demolition debris (e.g., bricks) is in the pipes of the storm drain system on the southern side of the building. This debris is currently impeding flow through the system.

- Chlorinated benzene detections are in areas at or near former Transformer Rooms 2, 3, and 4. Elevated 1,2,4-TCB concentrations in soil were co-located with high concentrations of PCBs (Aroclor 1260) in soil. Chlorinated benzenes are a common constituent of PCB-based dielectric fluid (used in transformers, capacitors, and switchgear). During characterization efforts, nonaqueous-phase product (e.g., transformer oil) was observed in soil boring E-SB-833, located in the southwest quadrant of Block E and at Transformer Room 4. This discovery led to extensive further delineation of chlorinated benzene in soil and groundwater in this area.

Impacts of PCBs and chlorinated benzenes appear to be as follows:

- Aroclor 1260 is primarily detected in surface and subsurface soil below and surrounding the former Transformer Rooms 2, 3, and 4.

- Aroclor 1254 impacts are limited to surface and subsurface soil (less than seven feet bgs) in the southeastern portion of Block E, near the former 500,000-gallon diesel fuel oil AST.

- PCBs and chlorinated benzenes appear to be limited in vertical migration due to the relatively low mobility of PCBs, and due to clay and silty clay soil present throughout most of Block E, beginning at depths between four and 11 feet bgs. An exception is in the eastern

portion of Block E, where silty sand was observed from ground surface to 25 feet bgs, and where TCE (but not PCBs) have been detected at depth.

- Migration of PCBs off Block E appears to be limited to sediment transport through the stormwater-system and into Dark Head Cove (see Figure 2-2). An interim remedial measure (IRM) in 2011 removed contaminated sediment from the storm drains and protected drain inlets from sediment carried by stormwater (Tetra Tech, 2012d). The interim sediment remedial action (in 2014–2015) removed PCB-contaminated sediment from the lower portions of the Outfall 005 system, from the southern Block E boundary to the outfalls in Dark Head Cove (Figure 2-2). Portions of the Outfall 006 and 008 systems (Figure 2-2) were cleaned in 2016 as part of the full sediment remedy for Cow Pen Creek and Dark Head Cove (Tetra Tech, 2013b). The Outfall 005 system was plugged near Block E in 2015 to prevent any further migration of PCB-impacted storm drain system sediment to Dark Head Cove (Tetra Tech, 2016).

- Groundwater sampling using Method 680 for PCB homologs detected very low concentrations of lower chlorinated biphenyls near the source areas (Transformer Rooms 2, 3, and 4), and trace concentrations of monochlorinated biphenyls were detected in a downgradient well. However, wells farther downgradient did not contain detectable PCB concentrations, supporting the conclusion that PCBs are largely insoluble, and that PCB migration at Block E is arrested well before any groundwater is discharged to surface water.

- Chlorinated benzenes associated with the Block E transformer room source areas appear to have been released to soil, and have greater mobility than PCBs, and have been detected in Block E groundwater. Chlorobenzenes have migrated with groundwater downgradient of Block E, and potentially beyond the southern property boundary of Block E. Characterization of chlorobenzenes in groundwater is concurrent with this RAP, and will be addressed under a separate groundwater assessment.

Polycyclic Aromatic Hydrocarbons

PAH contamination appear to be randomly distributed in Block E soil, and is possibly consistent with historical air deposition or the potential use of urban fill during property development. Groundwater does not exhibit impacts due to PAHs; PAH contamination at Block E is limited to soil.

Total Petroleum Hydrocarbons

Total petroleum hydrocarbons (TPH-DRO) were detected in only a few samples, and were typically co-located with PCB Aroclor 1260 detections. TPH-DRO has not been detected in soil samples from other Block E areas.

Trichloroethene

The volatile compound TCE appears to have been released to the environment via historical leakage from a UST discovered in 2013, which was located along the building foundation in the southeastern portion of the site. High TCE concentrations were detected in soil in the southeastern portion of Block E, and in Block E groundwater in the southeast. A significant TCE mass in Block E groundwater was removed via a multi-phase extraction system. Enhanced bioremediation system wells and piping have been installed, and a hydraulic containment system and a permeable reactive barrier are currently in design as part of the groundwater response action plan (Tetra Tech, 2018c). Another TCE plume that originates in the north from the Building C area in Block I passes through the center of Block E and towards the southeastern area. The TCE concentrations under the former Building D foundation are much lower than those in the southeastern area (AECOM, 2018). This plume will continue to be monitored under the current groundwater monitoring program.

SECTION 3
EXPOSURE ASSESSMENT

The exposure assessment for Block E of the Middle River Complex (MRC) evaluates the risks that chemicals of concern (COC) pose to potentially exposed human populations, based on current and future land use. The exposure assessment helps guide the development of remedial action objectives (RAOs) that must be attained to meet regulations governing industrial closure for Block E soil.

3.1 CURRENT AND FUTURE LAND USE

The current Block E land use scenario is considered industrial under Maryland Department of the Environment (MDE) criteria, and land use is anticipated to remain industrial into the foreseeable future. Under the industrial land use scenario, current and future industrial and construction workers are considered potential receptors.

3.2 POTENTIAL EXPOSURE PATHWAYS

The 2012 human health risk assessment (HHRA) for Block E soil evaluated possible complete exposure pathways, including direct exposure (dermal contact, inhalation, ingestion) to site soil by current and future industrial workers, construction workers, commercial land use receptors, recreational users, and hypothetical future residents (Tetra Tech, 2012f). The objective of this remedial action plan (RAP) is to achieve a residual cancer-risk level of no greater than 1×10^{-5} (i.e., a one-in-100,000 probability) and hazard index of no greater than 1 for current industrial workers and future construction workers exposed to COC in Block E soil through dermal contact, inhalation, and ingestion. These exposure pathways are consistent with the current and anticipated future industrial land use of the site. Additionally, the current storm-drain system has been identified as a possible complete exposure pathway for recreational users due to impacted Block E soil containing polychlorinated biphenyls (PCBs) migrating through the system and into Dark Head Cove sediment. The HHRA also calculated COC preliminary remedial goals (PRGs) for the

industrial and construction worker scenarios. Each PRG was set at a 1×10^{-5} risk level or at a hazard index of 1, whichever associated risk value was lower; these risk-based values will be used as guidelines for site cleanup.

An ecological risk assessment was not completed for Block E because it has been intensely developed by industry. Much of the land surface is currently paved, leaving little available habitat. Current flora and fauna populations are those typical to industrial areas, and the site poses minimal potential risk to these populations.

The goal of the selected remedial action is to effectively reduce risks to acceptable levels according to federal and state regulations, as applicable, for industrial land-use exposure pathways. This is appropriate, because the current site use is industrial, and it is planned to remain so in the future. Institutional controls will be required to mitigate the risk associated with non-industrial-use exposure pathways. Institutional controls might include, but may not be limited to, prohibiting groundwater use, imposing soil and groundwater handling requirements, and potential restrictions for future use of the property. Institutional controls will be determined by MDE. The documentation of residual contamination is necessary to prevent known exposures during Block E utility maintenance, new utility installation, and future development, even if such development complies with the site's future industrial use plans. The following sections detail the potential transport pathways of COC in Block E soil.

3.2.1 Potential Contaminant-Release Mechanisms and Transport Pathways

The primary contaminant sources for impacts to Block E soils are the Recognized Environmental Conditions (RECs) introduced in Section 2.2.3. Chemicals can migrate within an environmental medium (e.g., soil or water) or migrate to another environmental medium (e.g., air or surface water) once released. Contaminants in surface soil could migrate to air through wind erosion or through volatile emissions. This section discusses possible contaminant release mechanisms and transport pathways for soil at Block E.

Some contaminated surface soil at Block E is beneath the concrete foundation slab, and thus not exposed to wind erosion. However, some surface soil contamination is in areas currently covered by grass and is subject to volatilization, although this is not likely a significant migration pathway.

Subsurface soil is not currently exposed at the site; however, if future construction were to bring subsurface soil (or surface soil under the slab) to the surface, contaminants in subsurface soil could be transported into the air through wind erosion or through volatile emissions. Surface soil contaminants could also be transported to surface water bodies (e.g., Dark Head Cove) through overland runoff and erosion.

Rainwater at Block E washes over exposed surface soil and into the storm drain system. Contaminants could be mobilized via particulate transport through erosion of impacted surface soil. Under current conditions, surface soil contaminants in Block E are not expected to be transported directly to surface water bodies (i.e., Dark Head Cove) through overland runoff and erosion, because the site is mostly covered by concrete pavement, and any open spaces are stabilized with maintained grass surfaces. These conditions, coupled with low topographic relief, are more favorable to infiltration and evapotranspiration rather than direct transport of COC from soil to Dark Head Cove.

A network of multiple storm-drain inlets and the drainage system at Block E discharge stormwater to Dark Head Cove via outfalls. Elevated PCB levels have been found in Block E storm drains and related stormwater outfall areas, presumably due to historical soil transport along the drainage channels and infiltration of contaminated soil bedding through joints and cracked piping in the storm drain system. Therefore, contaminant transport from soil to surface water could potentially occur, although this is no longer possible for Outfall 005 due to the placement of a permanent plug in that section of the system (Tetra Tech, 2016). Erosion from natural processes may cause overland surface soil migration to drainage swales (and storm drain inlets within swales). The Block E soil remedy must address this possible transport pathway and prevent to the extent practicable potential release of PCBs to surface water.

At Block E, PCB-impacted soil appears to have traversed through the storm-drain system and been released to Dark Head Cove. The storm-drain interim remedial action (IRM) at Block E discussed in Section 2.4.6.1 was completed in autumn 2011. The Block E storm-drain system remained active following the IRM, and it was sampled in 2013 to determine if the system is acting as a continuing source and migration pathway for contaminated sediment to enter the cove after remediation. Elevated PCB concentrations were detected in Block E storm-drain sediment during the 2013

investigation (Tetra Tech, 2015), so the storm-drain system remains a potential transport pathway despite the IRM and an additional storm-drain cleanout completed in 2014 as part of the Dark Head Cove sediment-removal action (SRA). The presence of and subsequent cleanup of PCB-impacted sediment around the Outfall 005 discharge to Dark Head Cove led to that outfall being permanently plugged in 2015 to eliminate this transport pathway. Stormwater still moves through the system and discharges at Outfall 008, but this pathway is being monitored until the full soil remedy is implemented, and cleanout of drains is prescribed if elevated concentrations are found.

Contaminants can also migrate from both surface and subsurface soil to groundwater through leaching of chemicals in the soil. Elevated PCB concentrations have been detected in soil at depths of eight to 20 feet below soil surface (bgs) within the saturated zone. Historically, PCBs (measured as Aroclors) have not been consistently detected in Block E groundwater; however, PCBs (measured as homologs) have been detected in five monitoring wells near elevated PCB soil concentrations in Block E.

In areas hydraulically downgradient from the transformer rooms, PCBs were detected in monitoring wells in 2017, but contamination was limited to only the wells closest to these source areas. This indicates that migration of a significant mass of PCBs in groundwater toward Dark Head Cove is not occurring. Site groundwater is currently not used and, with the anticipated application of MDE-approved institutional controls after remediation, will not be used for any purpose in the future.

Although data indicate that lateral migration of PCBs at Block E is limited, and PCBs are not significantly mobile in groundwater, the conceptual site model suggests some downward (vertical) migration of PCBs at the source areas. Chemicals released from underground storage tanks (USTs) can migrate directly to groundwater (if the tank is situated, at least partly, below the groundwater table), or can leach from soil impacted by such releases, and impact downgradient groundwater and surface waters. In contrast, PCBs are not easily leached from soil or readily transported in groundwater. However, volatile organic compounds (VOCs) such as trichloroethene (TCE) and 1,2,4-trichlorobenzene (1,2,4-TCB), are considerably more soluble and mobile in groundwater, and might ultimately be discharged to surface water. The VOC 1,2,4-TCB is a common additive in

PCB-containing transformer oil. Elevated 1,2,4-TCB concentrations in subsurface soil are co-located with elevated PCB concentrations.

Volatile compounds (e.g., VOCs) can easily migrate from soil or groundwater to air. Both TCE and 1,2,4-TCB have been detected in groundwater underlying the MRC. Volatile compounds (primarily TCE) have migrated in a narrow plume from a former UST at the southeastern end of Building D to Dark Head Cove. An addendum to address this plume has been incorporated into the groundwater response action (Tetra Tech, 2018c) and been approved by MDE; the design of the groundwater remedy in this area is proceeding.

3.2.2 Fate and Transport of Site Chemicals of Concern in Soil

This section describes the environmental fate and behavior of COC in Block E soil.

Polychlorinated Biphenyls (PCBs)

The chemical groupings comprising PCBs are generally complex mixtures of individual biphenyl isomers, each consisting of two joined benzene rings and 1 to 10 chlorine atoms (mono- to decachlorobiphenyl homolog groups). As many as 209 distinct PCB compounds (known as congeners) exist, grouped into 10 homolog groups. Historically, PCBs were produced commercially in the United States from no later than 1929 until 1977 and marketed under several trade names, the most common of which is Aroclor. They were used in a wide variety of applications in many industries, including dielectric fluids in capacitors and transformers, heat-transfer fluids, hydraulic fluids, lubricating and cutting oils, and as additives in pesticides, paints, copying paper, carbonless copy-paper, adhesives, sealants, and plastics. Legislation has prohibited virtually all uses of PCBs, and their manufacture has been banned in the United States since 1979 (Eisler, 2000).

Aroclors are the most common commercial mixtures of PCB congeners. When an Aroclor (or other commercial PCB mixture) is subjected to industrial uses and/or released into the environment, the PCBs within that Aroclor transform or degrade through thermal, chemical, and/or biological processes. As PCBs are mixtures, the component congeners partition through and into different environmental media at different rates in a process known as weathering.

As weathering occurs, substantial changes in the congener ratios also occur, and the chromatographic fingerprint for the original Aroclor becomes increasingly obscured. This makes laboratory quantitation problematic, resulting in environmental samples with detected PCB concentrations that vary depending on the measurement techniques used and the standard types used for calibration. In laboratory analysis, PCB concentrations can vary according to the oven-drying technique used.

PCBs are very persistent in the environment, with a great affinity for soil particulates and organic matter in soil. They adsorb strongly to soil and sediment particles, and adsorption generally increases with the degree of PCB chlorination. Higher-chlorinated congeners are more likely to sorb, and lower-chlorinated congeners are relatively more likely to volatilize or dissolve in water. If erosion takes place, PCBs in contaminated surface soil can be mobilized via particulate transport.

The dominant PCB source to surface waters is via atmospheric deposition; however, re-dissolution of sediment-bound PCBs can also account for water concentrations. The adsorption of dissolved PCBs onto solids (e.g., suspended particulates and sediment) is greatest for solids composed primarily of organic matter and clay (USEPA, 1985). In water, PCBs are transported by diffusion and currents. Higher-chlorinated PCBs are removed from the water column by sorption to suspended solids and sediment, and can then become concentrated in biota; therefore, PCBs are persistent in the environment. Factors determining PCB biodegradability include the degree of chlorination and concentration, temperature, and the available nutrients and types of microbial population in the contaminated medium (ATSDR, 1989). Biodegradation of higher-chlorinated PCBs (such as Aroclors 1254 and 1260) occurs very slowly (HSDB, 2005).

Trichloroethene

The most prevalent industrial-scale use of TCE historically has been for vapor degreasing of metal parts (e.g., in the automotive and metals manufacturing industries). The TCE detected at Block E appears to be related to its historical storage in a UST. The actual use of the solvent has not been determined, but when Building D was an active aircraft factory decades ago, TCE could have had multiple uses in metal machining and cleaning. As a general solvent, TCE has been used in a

variety of industries for decades as a component of adhesives, lubricants, paints, varnishes, paint strippers, pesticides, and metal cleaners (ATSDR, 2014b). Also, TCE is an intermediary in the production of modern, non-chlorofluorocarbon (or non-ozone-depleting) refrigerants, the hydrofluorocarbon gases. Hydrofluorocarbons can be prepared from TCE or tetrachloroethene through halogen exchange and hydrofluorination, in which the chlorine is replaced by hydrogen and fluorine.

Once released to permeable soil, TCE is highly mobile, and diffusion from TCE-contaminated groundwater or its direct transport as a dissolved chemical in groundwater could play a role in its transport. In the subsurface, TCE can be sorbed to soil, particularly in vadose soil, where TCE does not compete with water for polar sorption sites on soil particles or organic content. Since TCE is a dense nonaqueous-phase liquid, with sufficient volume it can move through the unsaturated zone into the saturated zone, where it displaces soil pore water.

The most important routes of TCE exposure for most members of the general population are inhalation of the compound in ambient air and ingestion via drinking water. In a process known as vapor intrusion, TCE can evaporate from contaminated groundwater and soil and migrate into air spaces beneath buildings to enter the indoor air (ATSDR, 2014b). With respect to Block E, TCE is primarily a groundwater issue, and is currently being remediated under the groundwater response action. Although TCE is in soil, it is primarily present in saturated soil areas that will be addressed by the groundwater response action (Tetra Tech, 2018c). The groundwater response design will include sampling saturated soil in Block E to determine the remedy's effectiveness in reducing soil TCE concentrations. Thus, TCE is considered independent of the other COC in Block E.

1,2,4-Trichlorobenzene

Trichlorobenzenes can be released to the environment from their production and use as solvents or chemical stabilizers. At Block E, the trichlorobenzene 1,2,4-TCB is generally co-located with PCBs, and was likely used in the insulating fluid in transformers and underground electric lines. Chlorobenzenes at Block E are in soil and groundwater matrices, around and downgradient of former Transformer Rooms 2, 3, and 4. Published literature (ATSDR, 2014a) indicates that chlorobenzenes have historically been used in dielectric fluids. Chlorobenzene-containing

capacitors were manufactured in the United States from 1929 to 1979, and were made in several sizes that contained from 3 to 3,000 gallons of liquid, with an average 235 gallons of liquid.

Trichlorobenzenes have been detected in surface water, groundwater, and drinking water sources near hazardous waste sites or industrialized areas that produce chlorinated substances (ATSDR, 2014a). Whether levels detected in environmental samples arise from the direct release of trichlorobenzenes, or their unintentional formation from other processes (e.g., degradation of the pesticide lindane has also been demonstrated elsewhere to result in the formation of 1,2,4-TCB), is often difficult to determine. Trichlorobenzenes volatilize from water surfaces; however, they also tend to adsorb to suspended solids in the water column and partition to sediment, which attenuates the rate at which volatilization occurs (ATSDR, 2014a).

The rate of 1,2,4-TCB hydrolysis and biodegradation is generally slow under typical subsurface conditions. Trichlorobenzenes have low mobility in soil and typically do not leach into groundwater unless a significant source in contaminated soil exists, such as appears to be present in Block E. Volatilization is expected to be an important environmental fate process for trichlorobenzenes released to soil; however, adsorption can reduce the rate at which trichlorobenzenes evaporate from soil surfaces. Trichlorobenzenes biodegrade slowly in soil under aerobic conditions, but undergo reductive dechlorination under methanogenic conditions, yielding lower chlorinated species (mono-chlorobenzene and dichlorobenzenes). Trichlorobenzenes can potentially bioconcentrate in fish and other aquatic species, if exposed.

Polycyclic Aromatic Hydrocarbons (PAHs)

Polycyclic aromatic hydrocarbons (PAHs) are the primary group of semivolatile organic compounds (SVOCs) found in Block E soil. More than 100 different PAHs exist. Most of the common PAHs are typically formed during the incomplete burning of coal, oil, gas, wood, garbage, or other organic substances, such as tobacco and charbroiled meat. They are also found in substances such as asphalt, crude oil, coal, coal tar pitch, creosote, and roofing tar. In addition, they have been released to the environment from natural processes (such as volcanoes and forest fires) or can appear due to gradual deposition from industrialized areas, residential wood burning, and exhausts from automobiles and trucks. Throughout this RAP, discussions of PAHs focus on

benzo(a)pyrene equivalents (BaPEq), a numerical expression calculated using the detected concentrations of the seven most toxic PAHs, and their relative toxicity as compared to benzo(a)pyrene.

Anthropogenic (man-made; e.g., in combustion byproducts such as fly ash) and industrial processes generally produce complex mixtures of PAHs (e.g., multiple PAH components) rather than single compounds. In terms of mobility, PAHs can enter surface water through discharges from industrial processes, atmospheric discharges, and wastewater treatment plants, and they can be released to soil at hazardous waste sites if they escape from storage containers.

The movement of PAHs in the environment depends on properties such as how easily they dissolve in water and how easily they bind to soil particles. As a rule, PAHs are large molecules with high organic partitioning coefficients, limited solubility, and low vapor pressures and Henry's Law Constants. PAHs tend not to easily dissolve in water, and generally enter groundwater as suspended solids or sorbed to particles that can be transported within an aquifer. PAHs in aquatic systems are primarily found sorbed to particles that have either suspended in or settled to the bottom of the water column, because of their low solubility and high affinity for organic carbon.

Both vapor pressure and water solubility are useful for determining PAH volatilization rates from surface water bodies and groundwater. The measured ratio of these two parameters under equilibrium conditions (i.e., the Henry's Law Constant) is used to calculate the equilibrium chemical concentrations in the vapor (air) phase as compared to the liquid (water) phase for the dilute solutions commonly encountered in environmental settings. In general, PAHs have a Henry's Law Constant less than 1×10^{-5} atmosphere cubic meter per mole (atm-m^3/mole) and should only minimally volatilize; thus, they should be present only in minute amounts within the atmosphere or soil vapor. However, PAHs with low molecular weights (such as acenaphthene, acenaphthylene, anthracene, fluorene, and phenanthrene) might more readily volatilize from soil (ATSDR, 1995).

PAHs in soil tend to bind to soil particles and be transported via mass-transport mechanisms rather than migrate through dissolution. Because of this, PAHs do not generally migrate vertically from surface soil. They are more likely to adhere to soil particles and be removed from the site via

surface water runoff and erosional processes, especially in the absence of pavement, or if erosion controls are absent or not functioning properly. Sorption of PAHs to soil and sediment increases with increasing organic carbon content, and with increasing surface area of the sorbent particles. The rate and extent of PAH biodegradation in soil are affected by their physical and chemical properties and environmental factors: the organic content of soil, structure and particle size of the soil, characteristics of the microbial population, and the presence of contaminants such as metals and cyanides that are toxic to microorganisms (ATSDR, 1995).

PAHs are ubiquitous and are generally irregularly distributed throughout MRC soil, including soil at Block E. PAH sources likely include urban-sourced fill and fires used to clear and burn brush. Although some Block E PAH concentrations in soil exceed risk-based screening values, primarily for benzo(a)pyrene, concentrations at MRC are generally low and likely indicative of historical use of impacted fill, and not PAH releases at the site.

3.2.3 Site-Specific Exposure Pathways

Industrial and construction workers are the receptors of concern at Block E. Current risk assessment guidance suggests that under foreseeable future property use, industrial workers could be exposed to chemicals in surface soil (zero to two feet below grade) through incidental ingestion and dermal contact, and through inhalation of airborne contaminants emanating from soil. Exposure to subsurface soil (two feet bgs and deeper) via incidental ingestion, dermal contact, and inhalation is considered a potential exposure pathway only for the construction worker, as the industrial receptor would be unlikely to contact soil at these depths.

If future construction were to bring subsurface soil to the surface, contaminants in Block E subsurface soil could then be transported through overland runoff, be captured in the storm drain system, and subsequently discharged to surface water, where recreational users could be exposed. Overland runoff of surface soil to surface water is generally not a significant contaminant transport mechanism, due to the flat topography, vegetative cover, and stormwater management at the site.

The present exposed and deteriorated condition of the Building D slab makes infiltration of surface water into soil likely; infiltration can move contaminated soil around under the slab or increase its potential leaching to groundwater. Contaminants in soil can migrate from both surface and

subsurface soil to groundwater via leaching. Groundwater in the surficial aquifer at Block E generally flows south–southeasterly toward Dark Head Cove.

SECTION 4
CLEANUP CRITERIA

This section summarizes (1) the chemicals of concern (COC) and soil area/extent for which future remedial actions are necessary to reduce risk to current and future users of Tax Block E (Block E); (2) the preliminary remedial goals (PRGs) established for Block E COC as target levels for residual-risk analysis (RRA) and for confirmatory sampling; and (3) an overview of the RRA conducted to identify soil locations requiring remediation to achieve the remedial action objectives (RAOs) established for Block E soil. The RRA and preliminary PRG calculations for Block E soil are in Appendix C.

Block E soil is predominantly impacted by polychlorinated biphenyls (PCBs) and, to a lesser degree, by polycyclic aromatic hydrocarbons (PAHs) expressed as benzo(a)pyrene equivalents (BaPEq). These COC were identified in the 2012 human health risk assessment (HHRA) as the principal contaminants posing regulatorily unacceptable carcinogenic risks to potential site receptors (Tetra Tech, 2012f). Another COC identified in the HHRA is 1,2,4-trichlorobenzene (1,2,4-TCB), which is co-located with elevated concentrations of PCBs in limited areas.

Following the completion of the HHRA in 2012, investigations in Block E in 2013 revealed trichloroethene (TCE) in subsurface soil in the southeastern area of the site near an underground storage tank (UST). Updated risk calculations for the construction worker scenario using the 2012 HHRA methodology (Appendix C) identified TCE as a COC for future construction workers. In addition to TCE, PCBs (specifically, Aroclor 1254) were also detected in subsurface soil (e.g., primarily near the groundwater interface) in this area, and likewise pose an unacceptable noncarcinogenic risk to construction workers. (The risk assessment updates presented in the RRA consider soil excavations conducted in the southeastern portion of Block E and environmental data collected after preparation of the 2012 HHRA.) TCE impacts to soil and groundwater are being addressed by the groundwater response action because most of the TCE in this area is within the saturated soil.

The Block E remedial action is governed by Maryland Department of the Environment (MDE) requirements and is overseen by the MDE Land Restoration Program under Administrative Consent Order ACO-SAR-MDE0746-2015-1-01. To apply risk-based standards for PCB remediation, Lockheed Martin Corporation (Lockheed Martin) must apply in writing to the United States Environmental Protection Agency (USEPA) Region 3 regional administrator, in accordance with the risk-based disposal approval application (RBDAA) requirement (40 *Code of Federal Regulations* [CFR] 761.61[c]). Accordingly, risk-based cleanup methodologies are used herein to develop cleanup criteria for Block E COC in soil. After approval of this remedial action plan (RAP) and development of the full design, the RBDAA application will be submitted to USEPA for approval.

4.1 REMEDIAL ACTION OBJECTIVES

RAOs are developed to mitigate potential exposures that could be complete under the current or future land use scenarios identified in the conceptual site model (CSM). The following RAOs have been developed for impacted Block E soil:

Remedial action objective No. 1— Reduce site-related chemicals of concern in Block E soil to not exceed a cumulative human health cancer-risk limit of 1×10^{-5} and a cumulative noncarcinogenic hazard index of 1 for industrial and construction workers.

Remedial action objective No. 2— Prevent transfer of polychlorinated biphenyls to the extent practicable from surface soil and storm drains to discharged stormwater at concentrations that would affect the sediment remedy.

Remedial action objective No. 3— Prevent to the extent practicable leaching of polychlorinated biphenyls and 1,2,4-trichlorobenzene from soil to groundwater at concentrations that would impact surface water concentrations.

4.2 PRELIMINARY REMEDIATION GOALS

RAO No. 1 is to reduce Block E soil concentrations so that associated receptor risks are equal to or less than the cumulative residual cancer-risk level of 1×10^{-5} and a hazard index (HI) equal to or

less than 1 (on a target-organ-specific basis) for industrial and construction workers; this reduction must satisfy MDE requirements and be consistent with the requirements of Toxic Substance Control Act (TSCA) regulations under 40 CFR 761.61 and the *National Oil and Hazardous Substances Pollution Contingency Plan* (NCP) (40 CFR Part 300) promulgated under the federal Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). To achieve this RAO, risk-based PRGs were established for industrial and construction workers exposed to surface and subsurface soil COC in Block E. The Block E PRGs are summarized in Table 4-1.

Risk-based PRGs for the industrial and construction worker exposure scenarios were calculated for all surface soil and subsurface soil COC; these goals are presented in the *Technical Memorandum—Mr. Tom D. Blackman to Ms. Ruth Prince and Mr. James R. Carroll, Preliminary Remediation Goals for Industrial and Construction Workers, Block E Soil Remediation, Lockheed Martin Middle River Complex, Middle River, Maryland* (Lockheed Martin, 2018). The surface soil PRG for Aroclor 1260 (10 mg/kg) represents the 1×10^{-5} cancer risk level (i.e., a 1-in-100,000 excess probability of developing cancer). The surface soil PRG for BaPEq (2.9 mg/kg) represents the 1×10^{-6} (i.e., a one-in-a-million excess probability of developing cancer) cancer-risk level to meet the cumulative risk benchmark of 1×10^{-5}, and to be consistent with the PRG for BaPEq used at Blocks D, F, G, and H. The PRG selected for total PCBs (10 mg/kg) is also the conservative (lower) end of the recommended action level range for cancer risk presented in USEPA guidance for an industrial setting (see *A Guide on Remedial Actions at Superfund Sites with PCB Contamination* [USEPA, 1990]); the upper end of the action level range is 25 mg/kg. The surface soil PRGs for 1,2,4-TCB (330 mg/kg) and Aroclor 1254 (7 mg/kg) represent a hazard index (HI) of 1, and are less than (more restrictive than) the PRGs representing the 1×10^{-5} cancer risk levels.

PRGs for the construction worker exposure scenario were calculated for all subsurface soil COC (Lockheed Martin, July 2018). Industrial workers are unlikely to encounter subsurface soil; thus, they are not considered in the risk analysis. The subsurface PRGs for BaPEq (10 mg/kg), Aroclor 1254 (7 mg/kg), 1,2,4-TCB (530 mg/kg), and TCE (3.9 mg/kg) represent a hazard index (HI) of 1, and are less than (more restrictive than) the PRGs representing the 1×10^{-5} cancer risk levels. The subsurface PRG for Aroclor 1260 and total PCBs (58 mg/kg) represents the 1×10^{-5}

cancer risk level and is conservatively adjusted to a lower concentration in recognition of the combined risk attributed to both total PCBs and BaPEq.

All PRGs were calculated using the methodology presented in the HHRA, and verified using the USEPA regional screening-level calculator[3]. The associated check-calculation spreadsheets are in Attachment A of the RRA (Appendix C). Using Aroclor-specific PRGs for subsurface soil is appropriate, because different Aroclors are present at elevated concentrations in separate sub-areas of the site and are typically not co-located in sectors with regulatorily unacceptable risk.

PRGs used as a guide for target-sample removal were set at concentrations equal to MDE target risk-levels, but a cumulative residual-cancer-risk level of less than or equal to 1×10^{-5} (and/or a hazard index of 1, on a target-organ-specific basis) must be achieved after excavation and removal of impacted soil. For example, health risk to industrial workers is primarily driven by PCBs, so the final exposure-point concentration for Aroclor 1260 in surface soil might be less than, but close to, the industrial worker PRG (10 mg/kg). However, the final BaPEq exposure-point concentration for industrial workers must also be lower than the PRG of 2.9 mg/kg to achieve a cumulative-risk level of 1×10^{-5}. The apportionment of risk among COC is flexible, depending on the outcome of the RRA and the final calculation of exposure-point concentrations that include post-excavation sampling.

4.3 CHEMICALS OF CONCERN (COC)

PCB Aroclors are the primary COC in soil at Block E, with elevated concentrations primarily associated with identified PCB source areas (Transformer Rooms 2, 3, and 4, and the southeastern area). As investigations progressed from 2003 to 2015, chlorobenzenes were identified as a solvent component associated with the PCB source areas in Block E. PAHs expressed as BaPEq are also identified as COC, although BaPEq are present at relatively low levels as compared to Aroclors. In addition, BaPEq is ubiquitous in Block E soil, and in soil within other tax blocks of the Middle River Complex (MRC).

[3] http://epa-prgs.ornl.gov/cgi-bin/chemicals/csl_search

TCE was identified as a COC in surface and subsurface soil in the southeastern area of Block E. TCE is primarily present in saturated soil, and likely originates from a UST release. TCE in Block E saturated soil is being addressed under the groundwater response action (see Section 2.4.6.4).

The discussion of COC below is organized by geographical areas at Block E to facilitate concise presentation on maps (Figures 4-1 to 4-17). Chemical results are compared to the Block E-specific, risk-based PRGs (Lockheed Martin, 2018) presented in Section 4.2. These PRGs were developed in the residual risk analysis (RRA), as summarized in Section 4.4 (Tetra Tech, 2018d).

4.3.1 Chemicals of Concern for Concrete

Only limited characterization of Block E concrete has been performed (see Figure 4-1), because the entire concrete slab will be removed and disposed of off-site during the remedial action. Chemical concentrations in concrete were not evaluated in the HHRA, because the concrete will be removed (and therefore its associated exposure pathway is incomplete). However, contamination associated with concrete will be subject to disposal requirements. Concrete will be tested during the remedial action to determine proper disposal requirements.

All concrete samples were analyzed for PCBs, and a subset (23 samples) was analyzed for metals and radionuclides. Positive PCB detections (as Aroclors), the primary Block E contaminant, were compared to the allowable TSCA special handling and disposal concentration of 50 milligrams per kilogram (mg/kg) for total Aroclor (see Appendix D, Table D-1). This value is used because it addresses the disposal requirements for the concrete that will be removed or displaced to access underlying contaminated soil. Aroclor 1260 at two locations in former Transformer Room 2, and at six locations in former Transformer Room 4, exceed the TSCA special-handling concentration. Complete analytical results for concrete are in Table D-1 (Appendix D). Figure 4-1 shows the collection locations of concrete samples with Aroclor concentrations exceeding the TSCA special-handling concentration; these locations are within or near the former transformer rooms.

4.3.2 Chemicals of Concern for Surface Soil

This section summarizes surface soil COC in relation to the predominant sub-areas of soil impacts at Block E. Figures 4-2 through 4-8 depict surface soil sampling locations and results exceeding PRGs.

Transformer Room 2 and Northwest Quadrant

Six surface soil samples in the northwestern quadrant of Block E had PCB concentrations exceeding the PRG (10 mg/kg) for Aroclor 1260 (or total PCBs). Aroclor 1260 was detected at concentrations slightly exceeding its PRG (19 mg/kg and 12 mg/kg) at two surface soil sampling locations just below the Block E slab (zero to one foot below slab, at SB-352 and SB-357, respectively). The Aroclor 1260 concentration was two orders of magnitude (i.e., 100×) greater (1,800 mg/kg) at a third sub-slab location in this area (SB-353).

Below the slab near Transformer Room 2, surface soil Aroclor 1260 concentrations exceed the PRG at three locations (E-SB-1447, E-SB-1494, and E-SB-1499, at concentrations of 5,300 mg/kg, 71 mg/kg, and 530 mg/kg, respectively). E-SB-1447 and E-SB-1494 are within the limits of former Transformer Room 2, and E-SB-1499 is adjacent and downgradient. The Aroclor 1260 concentration at E-SB-1447 (5,300 mg/kg) is the maximum concentration detected in surface soil at Block E. PCB concentrations in remaining surface soil samples in this sub-area are less than the PRG. Figure 4-2 shows the PCB exceedances for surface soil samples in the northwest quadrant.

PAH concentrations (expressed as BaPEq, and calculated based on positive detections only) exceed the PRG (2.9 mg/kg) in two northwestern area surface soil samples (E-SB-1446 and E-SB-1496), with respective concentrations of 4.5 and 8.8 mg/kg. The locations of BaPEq exceedances coincide with Transformer Rooms 1 and 2 (see Figure 4-7). BaPEq in surface soil are co-located with elevated Aroclor concentrations in Transformer Room 2, and would likely be addressed by any remedial action addressing PCBs, as treatment options for these chemicals are similar. No VOC concentrations exceeding PRGs were detected in surface soil in the northwestern quadrant of Block E (Figure 4-8).

Northeast Quadrant

As shown in Figure 4-3, one PCB (Aroclor 1260) concentration (E-SB-364) exceeded its PRG in Block E surface soil samples collected in the northeast quadrant. However, BaPEq concentrations at 16 surface soil locations in the northeastern quadrant exceed the PRG (Figure 4-7). BaPEq concentrations ranging from 3.78 to 10.25 mg/kg at two sampling locations (E-SB-965 and E-SB-1258) near the eastern end of the soil pile are just above the PRG (2.9 mg/kg) (see Figure 4-17).

Concentrations of BaPEq detected at 13 surface-soil sampling locations within a grass covered island near the northeastern corner of former Building D, and at one location just south of that island, equaled or exceeded the PRG (Figure 4-7). The BaPEq concentrations in these samples, all collected from the top six inches or one foot of soil (i.e., from 0 to 1 foot below ground surface [ft bgs]), range from 2.9 mg/kg (E-SB-1492, 0–0.5 ft bgs) to 18.9 mg/kg (E-SB-1489, 0–0.5 ft bgs). No VOC concentrations exceed PRGs in surface soil samples in the northeast quadrant (Figure 4-8).

Transformer Room 4 and Southwest Quadrant

Surface soil PCB exceedances are interspersed throughout the southwest quadrant, including surface soil samples in grassy median areas, below concrete foundation slabs, and beneath the former Transformer Room 4 floor (Figure 4-4). The PRG exceedances in this area are attributed to Aroclor 1260; no Aroclor 1254 exceedances were found in this area. Aroclor 1260 concentrations greater than or equal to 1,000 mg/kg were detected in four surface soil samples: E-SB-1475 (1,000 mg/kg), E-SB-864 (1,100 mg/kg), E-SB-852 (3,300 mg/kg), and E-SB-1461 (4,200 mg/kg). The maximum concentration (4,200 mg/kg) in this area was detected approximately 10 feet southwest of former Transformer Room 4. Figure 4-4 shows the PCB exceedances for surface soil samples in the southwest quadrant.

Aroclor 1260 concentrations in 36 other surface soil samples in the southwest quadrant are less than 1,000 mg/kg, but exceed the PRG (10 mg/kg). Four surface soil samples had concentrations exceeding the PRG below Transformer Room 4: E-SB-833F (25 mg/kg), E-SB-984 (990 mg/kg), E-SB-833E (360 mg/kg), and E-SB-833K (680 mg/kg). A few exceedances were also detected in

surface soil samples below the slab, northeast of former Transformer Room 4: SB-349 (24 mg/kg); SB-350 (55 mg/kg); SB-351 (21 mg/kg); and SB-4A-SS (180 mg/kg). Other Aroclor 1260 exceedances in surface soil are primarily scattered throughout the grassy areas along the southwestern end of former Building D, likely due to historical accidental discharges of transformer oils and/or runoff from contaminated surfaces following demolition of the building. This area along the southern perimeter of the building includes an unpaved swale running east to west; surface soil in this swale will be removed as part of the Block E soil remedial action, due to its elevated concentrations of PCBs and BaPEq.

BaPEq was detected in 11 surface soil locations in the southwest quadrant at concentrations exceeding its PRG (Figure 4-7). Again, these concentrations were primarily found in the grassy island next to the former Building D slab. The maximum BaPEq concentration in this area is at E-SB-974 (45.1 mg/kg) in the unpaved swale. The other BaPEq exceedances in the southwest quadrant are in the grassy island and unpaved swales, including three locations next to Chesapeake Park Plaza (Figure 4-7). No VOC exceedances of PRGs were detected in surface soil samples in the southwestern quadrant area (Figure 4-8).

Transformer Room 3 and Southern Quadrant

Figure 4-5 shows PCB exceedances in surface soil samples from the southern quadrant. Surface soil PCB exceedances are interspersed throughout the southern quadrant, including in surface soil samples from grassy median areas, below concrete-foundation slabs, and beneath the former Transformer Room 3 floor. The second and third greatest Aroclor 1260 concentrations in surface soil were detected in the southern quadrant, at E-SB-1501 (4,900 mg/kg) and E-SB-1589 1-2 ft (4,500 mg/kg). Sample E-SB-1501 is in former Transformer Room 3, and E-SB-1589 is approximately 60 feet east of the room. One other detection greater than 1,000 mg/kg is at SB-529 (1,500 mg/kg), in the grassy island about 30 feet southwest of former Transformer Room 3.

Other Aroclor 1260 exceedances were found in surface soil below the former Building D slab in the southern quadrant, with concentrations up to several hundred milligrams per kilogram. Many exceedances are concentrated in surface soil throughout the grassy island next to the slab and near former Transformer Room 3, as well as in the unpaved swale south of that. Surface soil in the

grassy islands and swale along the southern portion of Block E will likely be removed as part of the remedial action, due to their elevated PCB and BaPEq concentrations.

BaPEq concentrations (Figure 4-7) exceed the PRG (2.9 mg/kg) in 11 southern-quadrant surface soil samples, with the maximum concentration collected at a depth of 1.5 ft bgs at sampling location PUSTB (60 mg/kg), at the location of a geophysical anomaly that was a suspected UST, but was later determined to be metal debris. The other BaPEq exceedances in the southern quadrant are in the grassy island and unpaved swales, including two next to Chesapeake Park Plaza. No VOC concentrations exceed their respective PRGs in surface soil samples in the southern quadrant (Figure 4-8).

Southeastern Aroclor 1254 Area

In the southeastern Block E area (termed the "Aroclor 1254 area" due to elevated Aroclor 1254 concentrations), 23 PRG exceedances for Aroclor 1260 and 19 exceedances for Aroclor 1254 were detected (Figure 4-6). This area is the location of a former 500,000-gallon diesel fuel aboveground storage tank (AST). Aroclor 1254 surface soil samples exceeding the PRG are largely within a radius of 40 feet to the north and southeast of the former AST.

Aroclor 1254 exceedances of the Block E surface soil PRG (7 mg/kg) range from 7.7 mg/kg to 930 mg/kg. Aroclor 1260 surface soil sample exceedances in this area are primarily around the southwestern footprint of the former AST, and up to 60 feet west. Aroclor 1260 concentrations exceeding the surface soil PRG (10 mg/kg) in this area range from 12 mg/kg to 80 mg/kg. In the southeastern Aroclor 1254 area, only two surface soil samples have BaPEq exceedances: E-SB-982 (3.6 mg/kg) and E-SB-1528 (12.5 mg/kg). BaPEq exceedances are shown on Figure 4-7.

The southeastern Aroclor 1254 area is the only area at Block E in which VOC concentrations exceed PRGs in surface soil. Concentrations of TCE exceeding the surface soil PRG (3.9 mg/kg) were detected at E-SB-1032 (5 mg/kg) and E-VB-11-072913 (7,500 mg/kg). Both samples were collected below the concrete slab north of the former AST, near the recently constructed groundwater bioremediation system wells and piping (Figure 4-8).

In 2014, after one year of multi-phase extraction treatment-system operation, soil sampling indicated that TCE concentrations at E-VB-11 had been reduced from 8,000 mg/kg (2013) to a level below its MDE cleanup standard, representing a decrease of over three orders of magnitude (1,000×). In subsequent sampling (in 2016) around E-VB-11 (E-SB-1513 through E-SB-1517), TCE was either not detected or was lower than its PRG (e.g., the maximum detected concentration was 0.14 mg/kg in E-SB-1514-2-4, and below PRG of 3.9 mg/kg). These data support the conclusion that TCE is not currently present at high concentrations in vadose zone soil near E-VB-11 (Tetra Tech, 2018a).

4.3.3 Chesapeake Park Plaza Median Soil

An August 2018 investigation assessed concentrations of PCBs in surface soil along the center median and southern median bordering the roadway adjoining Block E to Chesapeake Park Plaza (Tetra Tech, 2019a). The objectives of this sampling were to evaluate the concentrations and extent of PCBs in median soil adjacent to, and potentially receiving surface runoff drainage from, Block E to determine whether action is required to prevent potential migration to Dark Head Cove surface water (in the context of RAO No. 2), given that nearby storm drain inlets discharge to the cove. An additional objective was to determine if PCBs migrated across the median to the southern perimeter of Chesapeake Park Plaza along Block F.

A series of 49 shallow borings were advanced within the median drainage swale located in the middle of the road between Blocks E and F, and in the grass on the southern edge of Chesapeake Park Plaza in Block F (Tetra Tech, 2018c). Soil samples were collected at three depths (0-0.5 feet [ft], 0.5-1 ft, and 1-2 ft) in each boring and analyzed for PCBs. Samples collected from the terminal depth of 1-2 ft bgs were frozen upon receipt by the laboratory and placed on hold, pending analysis of the two shallower intervals. The median surface soil sample locations and PCB results are shown on Figure 4-9.

The results of the August 2018 median investigation indicate that total PCB concentrations exceeding the TSCA unrestricted use/residential limit of 1,000 micrograms per kilogram (µg/kg) are in the top one foot of median soil, primarily in 21 samples collected from the center of the roadway. PCB concentrations in Block F surface soil (0-6 inches bgs) at five sampling locations

on the southern side of Chesapeake Park Plaza also exceed this criterion. The highest Aroclor-1260 concentration detected in the median was 12,000 µg/kg, while the highest detected concentration along the border of Block F was 4,700 µg/kg.

PCB concentrations detected in the 0.5-1.0–foot depth at locations CPP-SB-1828, CPP-SB-1829, and CPP-SB-1854, all in the center median, triggered laboratory analysis of the (deeper) frozen (1-2–foot) samples from these borings. Of these three, PCBs were detected in only one sample (CPP-SB-1854-1-2), at a concentration (29 µg/kg) well below the screening level used in this assessment.

The specific source for PCBs detected in median area surface soil is unknown. Possible historical origins may include deposition of particulates or dust released during demolition of former Building D, possible inadvertent releases during past transport and/or storage of demolition debris or former transformer components after the building was razed, or past inundation and flooding of the existing concrete slab and former Building D stormwater system (e.g., overland flow to median areas near stormwater inlets). The impacted soil in the Chesapeake Park Plaza center median is adjacent to the boundary of Block E, so an action addressing these elevated PCB concentrations will be incorporated into the Block E soil remedy (see Section 5.4.1). Surface soil exhibiting elevated PCB concentrations (i.e., greater than 1,000 µg/kg) on the southern side of Chesapeake Park Plaza in Block F are being assessed independently under a separate program.

4.3.4 Chemicals of Concern for Subsurface Soil

This section summarizes Block E subsurface soil COC. Figures 4-10 through 4-16 depict subsurface soil sampling locations and results exceeding PRGs. For simplification, Figures 4-10 through 4-14 depict only the PCB results for the deepest sampling interval in which Aroclor concentrations exceed the PRG. Additional sampling results were obtained in these borings, including exceedances at shallower depths.

The subsurface soil overlying the deepest exceedance might be addressed during remediation if chemical concentrations exceed subsurface soil PRGs. Alternately, some shallower subsurface soil without exceedances might not require remediation, but could potentially be excavated and segregated for reuse as an ancillary measure while remediating deeper, impacted soil. The complete

data set, including PRG exceedances for all sampling depths, is in Appendix D. Figures depicting total PCB concentrations in soil at various depths are in Appendix G.

Transformer Room 2 and Northwest Quadrant

Subsurface soil in the former Transformer Room 2 area was not significantly sampled until investigations in 2016 and 2017. In 2016, PCBs were delineated in subsurface soil by sampling eight soil borings in the Transformer Room 2 area. In 2017, deeper subsurface soil was delineated by collecting samples during two phases of investigation from an additional 19 borings advanced in the northwest quadrant and around Transformer Room 2.

As shown in Figure 4-10, eight boring locations constitute the horizontal extent of subsurface Aroclor 1260 contamination exceeding the PRG; all are either within the interior of former Transformer Room 2 or are within a 20-foot perimeter of its footprint. The maximum Aroclor 1260 concentration at depth (6–8 ft bgs) in this area was detected at sampling location E-SB-1499 (9,400 mg/kg). Deeper samples collected from six to 20 feet at this boring location in October 2017 (E-SB-1740) exhibit decreasing concentrations with depth (Tables D-3 and D-4).

The deepest PRG exceedance for Aroclor 1260 in this area was at E-SB-1613 at 18–20 ft bgs (190 mg/kg); this boring was advanced in the north-central interior of the former Transformer Room 2. Other deep subsurface soil exceedances for Aroclor 1260 range from 100 mg/kg (E-SB-1616 4–6 ft bgs) to 2,300 mg/kg (E-SB-1494 12–14 ft bgs). The vertical extent of Aroclor 1260 concentrations exceeding the PRG in the footprint of the former Transformer Room 2 ranges from two to 20 feet bgs (Figure 4-10 and Appendix D). Figure 4-10 shows that the deepest PCB exceedances in subsurface soil samples were collected in the northwest quadrant in and around Transformer Room 2. No BaPEq or VOC exceedances of their respective PRGs were detected in subsurface soil in the northwest quadrant (see Figures 4-15 and 4-16, respectively).

Northeast Quadrant

As shown in Figure 4-11, subsurface samples in the northeast quadrant are primarily from scattered soil borings advanced through the former Building D slab to assess possible historical subsurface impacts in former manufacturing and process areas. Aroclor 1260 concentrations detected in

subsurface soil in the northeast quadrant do not exceed the PRG, except for two soil borings in the eastern end of former Transformer Room 2 (E-SB-1447 and E-SB-1620; see Figure 4-11). The deepest subsurface soil samples exceeding PRGs in these samples were at E-SB-1447, at 2-4 feet bgs (290 mg/kg) and at E-SB-1620, at 12–14 feet bgs (200 mg/kg).

These concentrations and depths fall within the range of exceedances detected in subsurface soil in the former Transformer Room 2 area, as discussed above. No BaPEq or VOC exceedances of their respective PRGs were detected in subsurface soil in the northwest quadrant (see Figures 4-15 and 4-16, respectively).

Transformer Room 4 and Southwest Quadrant

Aroclor 1260 and total Aroclor concentrations in Block E subsurface soil are greatest in the former Transformer Room 4 area, in the southwest quadrant (Figure 4-12). The deepest Aroclor 1260 exceedances in Block E subsurface soil are at 18–20 ft bgs in this area, similar to the vertical extent of exceedances in Transformer Room 2. However, the horizontal extent of PCB Aroclors and Aroclor 1260 exceedances is most extensive in former Transformer Room 4, as compared to other Block E sub-areas. The deepest Aroclor concentrations exceeding PRGs in subsurface soil samples were collected in the southwest quadrant and Transformer Room 4.

Most Aroclor 1260 subsurface soil exceedances in the southwest quadrant consist of samples collected at two to 16 ft bgs below the building slab, in borings to the northwest and south of former Transformer Room 4 (Figure 4-12 and Appendix D). The deepest Aroclor 1260 concentrations exceeding the PRG in subsurface soil outside the former transformer room range from 61 mg/kg to 31,000 mg/kg (Figure 4-12). Within Transformer Room 4, the deepest subsurface soil exceedances range from 120 mg/kg to 780 mg/kg (in E-SB-984 at 12–14 ft, and E-SB-853 at 12-16 ft bgs, respectively). The greatest Aroclor 1260 concentration (31,000 mg/kg) in subsurface soil in this sub-area was in E-SB-1551, at 4–6 ft bgs (approximately 10 feet north of the northwestern corner of the former transformer room). Former sub-slab utilities near Transformer Room 4 might have served as a migration conduit for PCBs in this area; subsurface Aroclor 1260 concentrations at depths of two to 14 ft bgs in seven other soil borings within 20 feet (laterally) of E-SB-1551 exceed the PRG.

Exceedances were detected in subsurface Aroclor 1260 concentrations at five borings aligned along a north–south axis, starting approximately 40 feet northwest of Transformer Room 4. The deepest exceedances in these locations (E-SB-833A, E-SB-833I, E-SB-848, E-SB-827, and E-SB-1465) range from 99 mg/kg to 2,000 mg/kg, at depths between six and 16 ft bgs. The linear alignment of these subsurface exceedances (Figure 4-12), without co-located surface soil exceedances, suggests a utility conduit or other preferential flow path might be in this area.

Many Aroclor 1260 exceedances in surface soil were detected in the grassy island area adjoining former Building D just south of Transformer Room 4 (see Figure 4-12). Subsurface Aroclor sampling results for this grassy island indicate vertical distribution of Aroclor 1260 exceedances at depths up to 20 ft bgs. Aroclor exceedances in the deepest samples from this area range from 380 mg/kg to 13,000 mg/kg (E-SB-1597 8–10 ft bgs and E-SB-1598 10-12 ft bgs, respectively). No subsurface Aroclor 1260 exceedances were detected in the unpaved swale area near the middle of the southwestern quadrant, although surface soil exceedances were found in this area.

Another deep Aroclor 1260 exceedance (240 mg/kg) was detected at E-SB-1476 at 16–20 ft bgs, approximately 20 feet northeast of Transformer Room 3. Aroclor 1260 was detected at a concentration below the PRG (0.087*J* mg/kg; where "*J*" indicates an estimated concentration) in a deeper sample collected from E-SB-855 (24–28 ft bgs) approximately 15 feet south of E-SB-1476, suggesting limited horizontal extent of Aroclor 1260 in the SB-1476 area.

In the southwest quadrant, only one PRG exceedance for BaPEq was detected (33.2 mg/kg at E-SB-833, at 9 ft bgs). This appears to be an isolated PAH detection, as multiple samples collected in subsurface soil in the surrounding borings had no BaPEq detections (Figure 4-15).

Figure 4-16 shows the deepest VOC exceedances in subsurface soil in the southwest quadrant. PRG exceedances for 1,2,4-TCB were identified in two subsurface soil samples in this area. As described in Sections 2.4 and 3.1.2, chlorobenzenes can be considered a "companion" chemical to Aroclors in transformer oils. The maximum 1,2,4-TCB concentration (9,600 mg/kg) at E-SB-833 was at a depth of 9 ft bgs, approximately coincident with the groundwater interface.

At location E-SB-833A (10 ft bgs), 1,2,4-TCB also exceeds the subsurface soil PRG (530 mg/kg). The 1,2,4-TCB concentration (140 mg/kg) in a shallower sample from this boring (E-SB-833A at 6 ft bgs) does not exceed the PRG. As described further in Section 5.3, the presence of 1,2,4-TCB in these subsurface soil samples near the groundwater interface may indicate a release of PCB-containing hydraulic fluids to the groundwater at former Transformer Room #4.

Transformer Room 3 and Southern Quadrant

Aroclor exceedances near former Transformer Room 3 and in the southern quadrant are shown on Figure 4-13. Subsurface soil Aroclor 1260 concentrations exceed the PRG at five locations in the footprint of former Transformer Room 3 (E-SB-1501, E-SB-1502, E-SB-1503, E-SB-1531, and E-SB-1734). The deepest Aroclor concentrations exceeding PRGs in subsurface soil samples from these borings ranges from 78 mg/kg (E-SB-1503 6–8 ft bgs) to 2,700 mg/kg (E-SB-1502 6-8 ft bgs). Samples from deeper intervals in soil borings advanced south of E-SB-1502 and analyzed for Aroclors show no exceedances. The deepest subsurface soil exceedance for Aroclor 1260 from below the Transformer Room 3 footprint was at 14-16 ft bgs in E-SB-1531 (850 mg/kg). Several peripheral Aroclor 1260 exceedances were detected in subsurface soil within an approximate 30-foot radius around former Transformer Room 3.

PRG exceedances were detected in subsurface soil samples from three borings south of the former transformer room: in E-SB-1507 at 4–6 ft bgs (1,300 mg/kg), in E-SB-1588 at 6–8 ft bgs (2,700 mg/kg), and in E-SB-1738 at 14–16 ft bgs (970 mg/kg). Other deep Aroclor 1260 subsurface soil exceedances detected around the perimeter of Transformer Room 3 range from 65 mg/kg at 20 feet west of the former room (E-SB-502 at 8–10 ft bgs) to 6,500 mg/kg at less than 10 feet east of former room (E-SB-1505 at 6–8 ft bgs). This is the highest Aroclor 1260 concentration among the deepest exceedances in the southern quadrant.

Five locations (shown on Figure 4-13 in the western end of this southern sub-area) have subsurface soil Aroclor 1260 exceedances. As they are on the western edge of the figure, these locations and exceedances are also shown on Figure 4-12 as part of the southwestern area, and are plotted here for completeness (but were discussed previously in Section 4.2.2.3). As shown on Figure 4-15, one subsurface soil BaPEq exceedance was detected at the southern quadrant location EW-2 at 5 ft bgs

(17.8 mg/kg). In E-SB-1463 at 6–8 ft bgs (see Figure 4-16), the 1,2,4-TCB concentration (1,000 mg/kg) exceeds its PRG (530 mg/kg). No other BaPEq or VOC exceedances were detected in subsurface soil in the southern quadrant and former Transformer Room 3 area.

Southeastern Aroclor 1254 Area

Figure 4-14 shows the deepest Aroclor concentrations exceeding PRGs in subsurface soil samples collected in the southeastern quadrant. This area is the only area at Block E with subsurface soil (i.e., greater than two feet bgs) Aroclor 1254 concentrations exceeding the site-specific PRG for subsurface soil. This area contains both Aroclor 1254 exceedances and Aroclor 1260 exceedances, but Aroclor 1260 exceedances are mostly limited to surface soil (see Figure 4-6). One exception is sample E-SB-1589, collected at 2–3 ft bgs near the southeastern edge of Building D, which had a subsurface Aroclor 1260 concentration (620*J* mg/kg) exceeding the PRG (see Figure 4-14).

The remaining exceedances in subsurface soil in the southeastern area consist of Aroclor 1254 in the top seven feet of soil. Deeper soil samples were tested here, but no exceedances were detected. Eight of 11 subsurface Aroclor 1254 exceedances were detected in the 2–4 ft bgs samples. The exceedances in this area are primarily within a 20-foot perimeter of the former 500,000-gallon diesel AST, ranging from 8.1 mg/kg (E-SB-1375 at 6–7 ft bgs) to 3,500 mg/kg (E-SB-1713 at 2-3 ft bgs).

One BaPEq exceedance (21.31 mg/kg) of the subsurface PRG (10 mg/kg) was detected in southeastern Block E area soil, slightly north of the Aroclor 1254 area, from 4 ft bgs at location PUSTGBR (see Figure 4-15). TCE concentrations in subsurface soil samples exceed the PRG (3.9 mg/kg) at 13 boring locations, in depths ranging from 5–30 ft bgs (see Figure 4-16).

As discussed previously, TCE in soil in this area is primarily associated with its elevated concentrations in groundwater. Shallow-soil TCE impacts in this area (e.g., 5–7 ft bgs) might be incidentally addressed as part of the soil remedial action to address PCBs in this area. However, we anticipate that the remaining, deeper TCE in saturated-zone soil will be addressed as part of the separate groundwater response action for Blocks E and F.

4.3.5 Soil Pile Chemical Results

Soil samples were collected for characterization in 2014 and 2016 from the soil piles along the northern and western perimeter of the former Building D foundation slab; soil samples had also been collected sporadically there before 2014. Figure 4-17 shows the location of soil pile samples. As discussed in Section 2, these pile or embankment areas contain soil obtained from the natural grade surrounding this area of Block E. This soil was slumped or pushed onto the foundation slab when the building was demolished, and has largely remained undisturbed since.

Discrete and composite samples were collected from throughout the pile at various depths, and analyzed for PAHs, PCBs, metals, and/or petroleum hydrocarbons. Since removal is planned for the piles that cover portions of the slab, characterization was necessary to determine soil handling and disposal.

Table D-8 (see Appendix D) shows chemical detections in Block E soil-pile samples, with results compared to risk-based soil PRGs calculated for Block E. PAH concentrations (expressed as BaPEq) in six surficial soil-pile samples exceed the PRG (2.9 mg/kg). As shown on Figure 4-17, these BaPEq exceedances are grouped into two small areas at the northern soil pile; exceedances are within 25 feet of each other in each group.

The first area is indicated by three soil samples collected above former Transformer Room 1 (E-SB-967-0–0.5 ft; E-SB-1261-0.5–1 ft; and E-SB-1262-0–0.5 ft). The second area includes three soil-pile samples collected near the northern central edge of Block E (E-SB-965-0–0.5 ft; E-SB-1258-0–0.5 ft; and E-SB-1258-0.5–1 ft). No BaPEq PRG exceedances were detected in soil-pile samples collected along the western perimeter of Block E, and no PRG exceedances for VOCs or Aroclors were detected in any soil-pile samples (see Table D-8).

Table E-7 (see Appendix E) contains the complete data results for soil-pile samples, including nondetect chemical results. The extent of soil within the piles where BaPEq exceeds PRGs is limited, rendering a small amount of the soil pile material unsuitable for backfill and requiring that it be removed and disposed of offsite. However, soil pile material that meets the requirements of the Soil Management Plan for Blocks E and I (Tetra Tech, 2019b) could be used for backfill during remedial actions involving excavation/removal (e.g., slab and underlying soil).

4.4 RESIDUAL RISK ANALYSIS

Several sampling events have been conducted at Block E since the 2012 human health risk assessment (HHRA) was prepared. Some screening criteria used to identify chemicals of potential concern (COPC) have changed since the 2012 HHRA evaluation. The residual risk analysis (RRA) was conducted subsequent to the HHRA, and is in Appendix C.

The RRA evaluation is conducted in six steps. As a first step, chemical concentrations in surface and subsurface soil are compared to the November 2017 USEPA regional screening levels (RSL) to determine if additional COPC need to be added. Surface soil is defined as all samples collected from zero to two feet below ground surface (bgs). ("Ground surface" and "soil surface" refer to the ground surface where the soil is exposed or the soil in contact with the bottom of the concrete where a foundation is present.) Subsurface soil is defined as two feet bgs to the vertical limit of contamination. Subsurface soil is defined as two feet bgs to the vertical limit of contamination. The preliminary remediation goal (PRG) of 58 milligrams per kilogram (mg/kg) for Aroclor 1260 in subsurface soil is used to determine the vertical limit of contamination, which is 20 feet bgs.

The HHRA identified PCBs (predominantly Aroclor mixture 1260), carcinogenic PAHs evaluated as BaPEq, and 1,2,4-TCB as COC for exposure to surface soil in Block E (Tetra Tech, 2012f). No new COC were identified for surface soil. For subsurface soil, the HHRA results indicate that BaPEq, Aroclor 1254, Aroclor 1260, and 1,2,4-TCB are COC (Tetra Tech, 2012f).

Although not identified as a COC in the HHRA, TCE is considered a COC for subsurface soil for the RRA. TCE was detected at elevated concentrations in subsurface soil in the southeastern area of Block E after the discovery of a UST just outside the building foundation. This UST contained high concentrations of TCE and has since been removed; the groundwater response action is in progress in this area (see Section 2.2.3). Table 4-2 summarizes COC for Block E soil.

The second step in the RRA was to identify PRGs for the surface soil and subsurface soil COC. The PRGs for Block E COC are discussed in the section above and listed in Table 4-1.

The third step was to calculate cancer risks and hazard indices for all surface and subsurface soil samples and then rank the locations according to risk. Surface soil was treated as one exposure

unit (EU) in the RRA. Subsurface soil was divided into five EUs for evaluation in the RRA: (1) Transformer Room 2 sub-area, (2) Transformer Room 3 sub-area, (3) Transformer Room 4 sub-area, (4) southeastern sub-area, and (5) site-wide subsurface soil excluding the other four sub-areas.

The fourth step consisted of iteratively removing samples and recalculating the exposure point concentration (EPC). All locations meeting the MDE "hot spot" definition were automatically identified as being targeted for remediation. Next, the locations contributing most significantly to calculated risk estimates (using professional judgment) associated with evaluated receptors were considered targeted for remediation. The selected data points (assuming removal via excavation) were replaced by "backfill" soil concentrations, and the EPC (equal to the 95% upper confidence limit [UCL] on the arithmetic mean) for each COC was recalculated using the substituted concentrations. The chemical concentrations in the backfill used at Block H were used as the substitute concentrations. If the recalculated EPC exceeded the PRG for a receptor, additional locations were iteratively (one at-a-time) removed from the data set and replaced with the substitute concentration. The EPC was then recalculated until the resultant EPC was equal to or less than the PRG.

As explained in Appendix C, a margin of safety was applied to the evaluation in step 5. Given the large data sets for some of the EUs being evaluated, locations with highly elevated concentrations might possibly be "diluted out" by having many locations with low concentrations. To prevent this, "safety limits" were also used to identify samples requiring remediation.

For surface soil, all locations with Aroclor 1254 and Aroclor 1260 concentrations greater than 25 mg/kg were also targeted for removal. For subsurface soil, all locations with Aroclor 1254 and Aroclor 1260 concentrations greater than 100 mg/kg were targeted for removal. In the final step, receptor-specific risk estimates were recalculated for all COPC identified in step 1 (not just COC), to ensure that cumulative risk estimates were equal to or below the 1×10^{-5} cancer risk level, and less than a hazard index of 1 (Appendix C).

4.5 ATTAINMENT OF REMEDIAL ACTION OBJECTIVE NO. 1 USING RESIDUAL RISK ANALYSIS

The RRA identified the locations in Block E targeted for remediation to mitigate risks posed to the hypothetical industrial worker (exposed to surface soil) and construction worker (exposed to surface and subsurface soil) and to meet the RAOs; these locations are listed in the tables in Appendix C and are shown on Figures 4-18 and 4-19. A summary of the RRA results for each sub-area is presented below. PCBs (primarily Aroclor 1260) are the predominant COC for surface soil at Block E.

Fifty-one surface locations are targeted for remediation to achieve MDE risk management goals (i.e., less than a cumulative cancer risk level of 1×10^{-5} and cumulative hazard index of 1) for the industrial worker. As an additional margin of safety, all surface soil (0 to 2 feet below the soil surface) locations with PCB concentrations exceeding 25 mg/kg (an additional 52 locations) are also targeted for remediation. These locations are identified on Figure 4-18. The highest remaining Aroclor 1260 concentration would be 24 mg/kg, and the highest remaining Aroclor 1254 concentration would be 20 mg/kg. The residual cancer risk to an industrial worker exposed to surface soil would be 3×10^{-6} (i.e., a three-in-a-million probability), and the hazard index would be 0.2.

No locations are targeted for remediation to achieve MDE risk management benchmarks for subsurface soil, excluding the four sub-areas in Block E. Similar to the surface soil above, a safety margin was applied to subsurface soil in the sub-areas, as indicated in the paragraphs below. Following removal of targeted locations, the highest remaining Aroclor 1260 concentration is 22 mg/kg, and the highest Aroclor 1254 concentration is 0.038*J* mg/kg. The residual cancer risk to a construction worker exposed to subsurface soil would be 5×10^{-7}, and the hazard index would be 0.7.

At the Transformer Room 2 sub-area (unique from the sub-area discussed above), three subsurface locations are targeted for remediation to achieve MDE risk management benchmarks (Figure 4-19). As an extra margin of safety, six additional locations with Aroclor 1260 concentrations exceeding 100 mg/kg are also targeted for remediation. The highest remaining Aroclor 1260 concentration

would be 31 mg/kg, and the highest remaining Aroclor 1254 concentration would be 0.095 mg/kg. The residual cancer risk to a construction worker exposed to subsurface soil would be 9×10^{-7} (i.e., a 9-in-10-million probability), and the hazard index would be 0.5.

Ten locations are targeted for subsurface soil remediation in the Transformer Room 3 sub-area to achieve MDE risk management benchmarks (Figure 4-19). As an extra margin of safety, 10 additional locations with Aroclor 1260 concentrations exceeding 100 mg/kg are also targeted for remediation. The highest remaining Aroclor 1260 concentration would be 65 mg/kg, and Aroclor 1254 is nondetect. The residual cancer risk to a construction worker exposed to subsurface soil would be 8×10^{-7} (i.e., an 8-in-10-million probability), and the hazard index would be 0.2.

Sixteen locations are targeted for subsurface soil remediation in the Transformer Room 4 sub-area to achieve MDE risk management benchmarks (Figure 4-19). An additional 16 locations had Aroclor 1260 concentrations exceeding 100 mg/kg, and as a margin of safety, these were targeted for remediation. Two locations targeted for removal had 1,2,4-trichlorobenzene concentrations exceeding the PRG (530 mg/kg), and one location targeted for removal had a BaPEq concentration exceeding the PRG (10 mg/kg). The highest remaining Aroclor 1260 concentration would be 50 mg/kg, and Aroclor 1254 is nondetect. The residual cancer risk to a construction worker exposed to subsurface soil would be 1×10^{-6}, and the hazard index would be 0.9.

For the southeastern, Aroclor 1254 sub-area, six subsurface locations are targeted for remediation to achieve MDE risk management benchmarks (Figure 4-19). An additional three locations had Aroclor 1254 concentrations exceeding 100 mg/kg, and, as a margin of safety, these were targeted for remediation. The highest remaining Aroclor 1260 concentration would be 24 mg/kg, and the highest remaining Aroclor 1254 concentrations would be 80 mg/kg. The residual cancer risk to a construction worker exposed to subsurface soil would be 1×10^{-6}, and the hazard index would be 1.

This RAP evaluates remedial alternatives in terms of their ability to achieve the established RAOs for Block E soil according to regulatory guidelines and requirements (discussed in Section 5). Following implementation of the remedial action, post-remedial attainment samples for open excavations will be collected to ensure that RAO No. 1 has been achieved, and to ensure that soil

requiring removal (per the RRA) from the ground surface to 20 feet below soil surface have been addressed.

The BaPEq and PCB Aroclor concentrations in post-remediation confirmatory samples will be used to recalculate residual risk, and sampling will be considered complete when soil from the required locations has been removed and calculation of the remaining residual risk complies with the requirements of RAO No. 1. Section 8 provides further details on the sampling that will be required to demonstrate attainment of target risk levels. Institutional controls for groundwater and any remaining impacted soil will be established as part of site closure. A "No Further Action" letter will be requested from MDE once RAOs have been met.

SECTION 5
REMEDIAL ACTION ALTERNATIVE DEVELOPMENT AND EVALUATION

Selected technologies and institutional controls for the proposed soil remedial actions are presented in this section, as required by regulations administered by the Maryland Department of the Environment (MDE) Land Restoration Program under Administrative Consent Order ACO-SAR-MDE0746-2015-1-01, and by federal requirements defined in 40 *Code of Federal Regulations* (CFR) Chapter I, United States Environmental Protection Agency (USEPA), Subtitle R, "Toxic Substances Control Act" (TSCA) 761.61(c). The *National Oil and Hazardous Substances Pollution Contingency Plan* (NCP) (40 CFR Part 300), promulgated under the federal Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), guides the selection of remedial technologies. The following are described in this section:

- identification, screening, and evaluation of potential technologies and process options
- selection of representative process options
- development and detailed analysis of alternatives
- preliminary screening and detailed evaluation of alternatives
- comparative analysis of alternatives
- identification of the recommended, proposed alternative

Technology identification and screening are based on the following steps:

- identification of chemicals of concern (COC) (Section 4)
- identification of applicable or relevant and appropriate requirements (ARARs) (Section 5)

- development of remedial action objectives (RAOs) (Section 4)
- development of COC preliminary remedial goals (PRGs) (Section 4)
- identification of general response actions (GRAs) (Section 5)

5.1 APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

The ARARs in this remedial action plan (RAP) are any state or federal statute or regulation that pertains to the protection of human health and the environment in addressing specific conditions or use of a particular cleanup technology at a site. Other criteria that are non-promulgated, non-enforceable guidelines or criteria that might be useful in developing a remedial action, or that might be necessary to determine actions to protect human health and/or the environment, will be considered. Examples include United States Environmental Protection Agency (USEPA) industrial-exposure risk-based concentrations and similar MDE standards.

One of the primary concerns in developing remedial action alternatives for contaminated sites is the degree of human health and environmental protection offered by a given remedy. CERCLA Section 121 requires that primary consideration be given to remedial alternatives that attain or exceed ARARs. The purpose of this requirement is to make CERCLA remedial actions consistent with other pertinent federal and state environmental requirements.

The NCP identifies the following three categories of ARARs (40 CFR Section 300.400 [g]):

- ***Chemical-specific***—Health-risk-based numerical values or methodologies that establish concentration or discharge limits for particular contaminants. Table 5-1 lists federal and Maryland chemical-specific ARARs and to-be-considered (TBC) criteria. These ARAR and TBC criteria provide some medium-specific guidance as to what concentrations of contaminants are deemed "acceptable" or "permissible" according to regulations.
- ***Location-specific***—These ARARs restrict actions or contaminant concentrations in certain environmentally sensitive areas. Examples of areas regulated under various federal laws include floodplains, wetlands, and locations of endangered species or historically significant cultural resources. Table 5-2 lists federal and Maryland location-specific ARARs and TBC criteria. These ARARs and TBC criteria restrict contaminant concentrations or the conduct of activities solely based on the particular characteristics or location of the site.

- ***Action-specific*—**These ARARs are technology- or activity-based requirements, limitations on actions, or conditions, involving special substances that control or restrict remedial action. Examples of action-specific ARARs include wastewater discharge standards, and performance or design standards, controls, or restrictions on particular types of activities. Table 5-3 lists federal and Maryland action-specific ARARs and TBCs.

5.2 GENERAL REMEDIAL ACTIONS

General response actions (GRAs) are broadly defined remedial approaches that might attain RAOs. GRAs describe categories of actions that could be implemented to satisfy or address a component of an RAO for the site. GRAs corresponding to the RAOs are in Table 5-4. Remedial action alternatives will be developed using the following GRAs individually or in combination to meet the RAOs for contaminated soil in Block E:

- no action
- excavation
- treatment (*ex situ* or *in situ*)
- limited action (institutional controls)
- containment
- disposal

5.3 IDENTIFICATION AND SCREENING OF TECHNOLOGIES AND PROCESS OPTIONS

This section includes the identification, screening, and evaluation of technologies and process options possibly applicable to remedy Block E soil. The primary objective of this phase is to develop an appropriate range of remediation technologies and process options that will meet the RAOs. The remediation technologies and process options are identified based on team knowledge and experience and with application on similar projects. Publicly available information from the Federal Remediation Technologies Roundtable (FRTR) technologies screening-matrix tool (FRTR, 2012) was also used. The identified technologies and process options were screened in accordance with USEPA guidance (USEPA, 1988) and Lockheed Martin Corporation (Lockheed Martin)-specific considerations for sustainability and total cost analysis. Table 5-5 presents the technologies and process options identified and the screening results with respect to effectiveness, implementability, and relative cost. Descriptions of the evaluation criteria follow:

- *Effectiveness*: This criterion is used to screen out technologies as follows:

- Technologies and process options that were not effective in eliminating potential exposure pathways (in particular, for current industrial and construction workers), or were not effective for meeting an RAO, were screened out.
- Unreliable technologies and process options were screened out.

- *Implementability*: Technologies that cannot be implemented in the area were screened out.
- *Relative cost:* Technologies with costs that are significantly higher than others that achieve similar goals were screened out. Relative costs (such as high, medium, and low) are provided, based on experience with similar projects and publicly available information from the FRTR screening tool (FRTR, 2012).

The technologies and process options that passed the initial screening and detailed evaluation (see Table 5-5) were then selected for the next step in developing possible remedial alternatives for soil. Table 5-6 lists the technologies that were retained.

5.4 DEVELOPMENT AND DETAILED ANALYSIS OF ALTERNATIVES

This section discusses the development of the soil remedial-action alternatives from the process options retained above and describes the conceptual design for the selected short-list of alternatives. Impacted soil, as defined for the following discussion, is soil that the residual risk analysis (RRA) identified for remediation to achieve a site-wide cumulative cancer-risk level of 1×10^{-5} or a non-cancer risk of less than 1. Figures 5-1 through 5-11 depict the locations of the samples to be remediated per the RRA. Figures 5-1 and 5-6 provide an overall view of the site, and Figures 5-2 through 5-5 and 5-7 through 5-10 are at a smaller scale to provide better legibility. Figure 5-11 provides a comprehensive depiction of surface and subsurface soil sample locations to be removed.

A two-step process for identifying and evaluating alternatives was used for this RAP. First, an initial list of eight potential remedial action alternatives was developed from the process options retained during the preliminary screening of technologies. Advantages and disadvantages of each were identified, and the capital and operating costs for each alternative was estimated. After the initial list of eight options was screened during a qualitative analysis, five remedial alternatives were retained for further evaluation.

5.4.1 Development and Preliminary Screening of Alternatives

Eight alternatives were developed from the technologies and process options retained in Section 5.3. The development of these alternatives according to the RAOs and risk pathways is shown in Table 5-7. The following paragraphs describe each alternative in detail. Additional remedial activities that are common to all alternatives are described after the alternatives. For simplicity, the name of each alternative only includes the significant components.

For all alternatives except the "no action" alternative (Alternative l) and Alternative 2, soil with PCB concentrations greater than 50 mg/kg is assumed to be disposed at a landfill rather than incinerated. Landfilling is assumed because of its lower costs as compared to incineration. Incineration is an acceptable method of disposal according to regulations and can be used if landfill space is limited.

Alternative 1—No action: This alternative will not meet the RAOs for site redevelopment and is presented only for comparison purposes.

Alternative 2—Placement of a TSCA-compliant cap over Block E and institutional controls: This alternative would place a TSCA-compliant cap over the impacted soil. The cap would be designed to include new grading requirements for stormwater control. The cap would be consistent with regulations outlined in 40 CFR 761.6l(a)(7), and would comply with the permeability, sieve, liquid-limit, and plasticity-index parameters in 40 CFR 761.75(b)(1)(ii) through (b)(1)(v). This alternative would also require institutional controls for soil and groundwater. Figure 5-l2 is a plan view of Alternative 2.

Alternative 3—Excavation and disposal of impacted surface and subsurface soil using conventional methods: The RRA identifies soil between zero to two feet below soil surface that need to be removed to meet risk-based criteria for industrial workers. ("Soil surface" refers to the ground surface where the soil is exposed or the soil in contact with the bottom of the concrete where a foundation is present.) Impacted soil would be excavated using conventional methods to a depth of two feet below soil surface and disposed of off-site, thus meeting the cumulative cancer-risk-based criterion of 1×10^{-5} and hazard index of 1 for industrial land use, using PRGs of 10 mg/kg (for Aroclor l260 and total PCBs), 7 mg/kg (for Aroclor l254), 2.9 mg/kg (for benzo(a)pyrene

equivalents [BaPEq]), and 330 mg/kg (for 1,2,4-trichlorobenzene [1,2,4-TCB]). This alternative does not include a point-by-point removal of all soil with PCB concentrations greater than PRGs; however, as a conservative approach, surface soil with total PCB concentrations greater than 25 mg/kg would also be removed. A two-foot depth is assumed for cost estimating purposes; however, the data can be further evaluated during the design phase such that excavation depths less than two feet can be proposed.

The RRA identified subsurface soil beneath two feet below the soil surface that needs to be removed to meet risk-based criteria for construction workers. Post-excavation confirmation samples would be collected from the sidewalls and bottom of the surface soil excavations. Saturated subsurface soil would be dewatered before excavation. Impacted soil would be excavated using conventional methods, up to a depth of 20 feet below soil surface and disposed of off-site, thus meeting the cumulative cancer-risk-based criterion of 1×10^{-5} and hazard index of 1 for construction worker exposure use, using PRGs of 58 mg/kg (for Aroclor 1260 and total PCBs), 7 mg/kg (for Aroclor 1254), 10 mg/kg (for BaPEq), and 530 mg/kg (for 1,2,4-TCB). This alternative does not include a point-by-point removal of all soil with PCB concentrations greater than PRGs; however, as a conservative approach, subsurface soil having total PCB concentrations greater than 100 mg/kg would also be removed.

For subsurface soil excavation, both sheet pile and unsupported wall methods were considered. In the former, sheet piles would be driven around the excavation area, followed by excavation of the soil within the piles. After the impacted soil has been removed, the excavation would be backfilled, and the sheet piles would be removed. The vertical walls of the excavation would minimize the amount of soil to be managed and would minimize the quantity of groundwater to be treated. Sheet piles typically entail a significant cost as compared to unsupported excavations. In addition, confirmation samples along the sidewalls could not be collected, because sheet piles would cover the sidewalls.

In the case of unsupported excavation walls, the sidewalls would be sloped at a ratio of 1:1 (horizontal to vertical), although steeper slopes may be considered during the final design. The additional soil removed to create the slope is assumed to be acceptable for site use and would be

stockpiled until the excavation has been completed. Samples of the excavated slope soil and confirmation samples from the sidewalls and bottom would then be collected.

After the impacted soil has been removed, the excavations would be backfilled to the original slab grade with both clean fill and the stockpiled slope soil. If the results of the analyses of the slope soil exceed PRGs, then that soil would be disposed of off-site. If the results of the confirmation samples exceed PRGs, then additional excavation, off-site disposal of soil, and backfill would be required. Preliminary cost estimates for two methods of sheet piling—cantilevered and anchored—and unsupported walls were developed, and the cost for the unsupported wall method was less than the cost for the sheet pile methods (see Appendix H). Therefore, for purposes of this RAP, excavations with unsupported walls will be assumed, but the sheet pile approach may still be used in the final design of this alternative.

Before subsurface excavation begins, the saturated zone will be dewatered, and the extracted groundwater treated before being discharged under a National Pollutant Discharge Elimination System (NPDES) Permit. Discharge to a sanitary sewer will be evaluated further during the final design. Dewatering will continue until backfilling is started. Following excavation, clean soil would be placed and compacted. This alternative would require institutional controls for soil that remains on-site and for groundwater.

Figure 5-13 shows the surface-soil excavation boundaries. Note that some surface soil in the southeastern area was excavated in 2015 as part of the groundwater bioremediation system installation, so excavation limits in the final design may be adjusted to account for this. Figure 5-14 shows the locations of samples with PCB concentrations low enough to be disposed of at a non-TSCA landfill. To conservatively estimate quantities, Figure 5-14 uses a value of 40 mg/kg as a threshold for non-TSCA disposal. Figure 5-15 shows the lateral extent of subsurface soil to be remediated to meet the subsurface PCB PRG, along with the sampling locations to be remediated per the RRA. Figure 5-16 shows the lateral extent of PCB-impacted subsurface soil to be remediated without the sampling locations, for clarity.

Figure 5-17 shows the lateral extent of subsurface soil to be remediated, along with the depth of remediation. Figure 5-18 combines the shallow soil excavation boundaries from Figure 5-13, and

shows the lateral extent of subsurface soil to be remediated from Figure 5-17. Figure 5-19 is a plan view of Alternative 3 that illustrates the additional soil to be excavated using excavation without sheet piles.

Alternative 4—Excavation of impacted surface soil using conventional methods and excavation of subsurface soil using large-diameter augers and off-site disposal: Impacted surface soil (as described in Alternative 3) would be excavated using conventional methods to a depth of two feet below soil surface and disposed of off-site. As noted for Alternative 3, the data can be further evaluated during the design phase, and additional samples can be collected such that excavation depths less than two feet can be proposed. Similarly, deeper impacted subsurface soil, as described in Alternative 3, would be excavated using large-diameter augers (five- to eight-feet in diameter) and disposed of off-site. Use of large diameter augers would eliminate the need for either sloped sidewalls for an excavation or sheet piling. Impacted subsurface soil at shallow depths (up to three to six feet below soil surface) would be excavated using conventional methods during the surface soil excavation.

Following excavation of the surface soil, clean soil would be placed and compacted. A large-diameter casing would be advanced to impacted subsurface soil, followed by removal of the soil within the casing using the large-diameter auger. Free water from the saturated zone in subsurface soil would be allowed to drain, and would be collected, treated, and discharged under an NPDES permit. Immediately after excavation, augered excavations would be filled with a high-cement content flowable fill.

The initial auger excavations would be placed on a square grid, and each boring would be tangent to adjacent boings. The soil between the initial borings would be augered out in a second pass which overlaps the initial borings and removes a portion of the flowable fill along with the contaminated soil. To remove all targeted impacted subsurface soil, a portion of the clean material in the previously backfilled borings would have to be removed and disposed of. The casing and the immediate addition of the flowable fill would prevent the collection of confirmation samples.

The existing deep foundation piles near Transformer Room No. 2, estimated to be 40 to 50 feet deep, might prevent the complete removal of impacted subsurface soil in that area. Pulling these

piles would open a pathway for contaminated groundwater to travel deeper into the aquifer. This alternative would require institutional controls for soil that remains on-site and for groundwater. Figure 5-20 is a plan view of Alternative 4.

Alternative 5—Excavation of impacted surface soil using conventional methods, with off-site disposal and* in situ *stabilization of subsurface soil using large-diameter augers: Impacted surface soil, as described in Alternative 3, would be excavated using conventional methods to a depth of two feet below soil surface and disposed of off-site. As noted for Alternative 3, the data can be further evaluated during the design phase, and additional samples can be collected such that excavation depths less than two feet can be proposed. Confirmation samples would be collected as described in Alternative 3.

Impacted subsurface soil, as described in Alternative 3, would be treated by mixing with Portland cement and clay *in situ* using large-diameter augers. This would prevent PCB and other COC contact by receptors on-site. Alternative 5 does not include an open excavation for the subsurface soil, so no confirmation samples would be collected from subsurface soil.

Following excavation of surface soil, clean soil would be placed and compacted. Part of the stabilized subsurface soil would be disposed of off-site, because mixing the subsurface soil with stabilization additives would increase its volume. This alternative would require institutional controls for soil that remain on-site and for groundwater. Figure 5-21 is a plan view of Alternative 5.

Alternative 6—Excavation of impacted surface and subsurface soil using conventional methods and on-site* ex situ *stabilization: Impacted surface soil (as described in Alternative 3) would be excavated using conventional methods to a depth of two feet below soil surface. As noted for Alternative 3, the data can be further evaluated during the design phase, and additional samples can be collected, such that excavation depths less than two feet can be proposed. Confirmation samples would be collected as described in Alternative 3. Similarly, impacted subsurface soil, as described in Alternative 3, would be excavated using conventional methods. Confirmation samples for the subsurface soil excavations would be collected as described in Alternative 3.

After excavation, impacted soil would be mixed with Portland cement and clay. Stabilization will prevent receptor contact with PCBs and other COC. Stabilized soil would be used as backfill for the surface and subsurface soil excavations. Part of the impacted soil will be disposed of off-site, because mixing the subsurface soil with stabilization additives would increase its volume. This alternative would require institutional controls for soil that remains on-site and for groundwater. Figure 5-22 is a plan view of Alternative 6.

Alternative 7—Excavation of impacted surface soil using conventional methods, with off-site disposal and* in situ *thermal desorption of subsurface soil: Impacted surface soil (as described in Alternative 3) would be excavated using conventional methods to a depth of two feet below soil surface and disposed of off-site. As noted for Alternative 3, the data can be further evaluated during the design phase, and additional samples can be collected, such that excavation depths less than two feet can be proposed. Confirmation samples would be collected as described in Alternative 3. Impacted subsurface soil, as described in Alternative 3, would be treated by *in situ* thermal desorption (ISTD) to meet risk-based criteria to protect construction workers.

Subsurface soil would be heated *in situ* to a temperature of 350 degrees Celsius (ºC) or higher via conductive heating, using high-temperature heater wells and a vacuum applied through a soil-vapor extraction system. The off-gas vapors would be processed through a vapor treatment system consisting of compression, cooling, and condensation components that will condense the vapors. The liquid produced would be properly disposed. A sheet-pile barrier around each treatment area would be required to maintain temperature, dewater the area, and minimize water inflow. Confirmation samples for the subsurface soil treatment would be collected using direct-push technology (DPT) methods within the treatment zones. The treated clean soil would be placed and compacted following excavation of the surface soil. This alternative would require institutional controls for soil that remains on-site and for groundwater. Figure 5-23 is a plan view of Alternative 7.

Alternative 8—Excavation of impacted surface and subsurface soil using conventional methods and on-site* ex situ *thermal desorption: Impacted surface soil (as described in Alternative 3) would be excavated using conventional methods to a depth of two feet below soil surface. As noted for Alternative 3, the data can be further evaluated during the design phase, and additional samples

can be collected, such that excavation depths less than two feet can be proposed. Confirmation samples would be collected as described in Alternative 3. Similarly, impacted subsurface soil, as described in Alternative 3, would be excavated using conventional methods. Confirmation samples for the subsurface soil excavations would be collected as described in Alternative 3.

After excavation, impacted soil would be treated on-site in a temporary indirect-fired thermal desorption system and heated to a temperature of 350ºC or higher. PCBs that condense from the vapor phase would be disposed of off-site at an incinerator. The balance of the PCBs in the off-gas would be treated on-site in a thermal oxidizer.

Treated soil would be analyzed to confirm that the target treatment level was met, and then used as backfill in the surface and subsurface soil excavations. The system would be operated 24 hours per day and six days per week for approximately 14 weeks. This alternative would require institutional controls for soil that remains on-site and for groundwater. Figure 5-24 is a plan view of Alternative 8.

***Common elements*—**All alternatives except Alternative 1 (the "no action" alternative, and others as noted) share the common elements listed below. Most of these elements are depicted on Figure 5-25, except as noted below:

- Removing soil piles from atop portions of the building foundation. As noted in Section 4.2.4, most of this soil can be used as backfill.

- Installing a temporary retaining wall on the western side of the slab. The retaining wall will stabilize the adjacent Tilley Chemical Company property during removal of the western soil pile and allow access to the complete basement floor slab of former Building D. Cantilevered-soldier pile-wall and anchored-soldier pile-wall designs were evaluated, and the anchored design would be a lower cost (see Appendix H).

- Surveying the foundation slab, subgrade soil, and drain lines for possible radioactive residue from materials that might have historically been used at former Building D, and verifying that any radioactive material above release limits has been removed so that the site can be released without restrictions. All radioactive material identified during radiological surveys will be packaged, removed to a material accumulation area, sampled for offsite disposal facility Waste Acceptance Criteria and staged for offsite shipment. General activities would include work-area surveys, monitoring for personnel protection during demolition, contamination surveys of equipment and materials for disposal, and reporting (see Appendix I). A graded approach to radiological controls would be employed

during remediation, with the primary focus on the southwest quadrant; however, all remediation activities would be radiologically monitored. *(Note: this is not depicted on Figure 5-25.)*

- Abandoning monitoring wells within the footprint of the slab and excavation areas. Wells outside the slab footprint and excavation areas along with injection wells and piping associated with the groundwater treatment system in the southeastern area would be protected from damage. Abandoned monitoring wells, which are needed for post-excavation monitoring, would be replaced.

- Demolition and disposal of Building D foundation slab, footings, and pile caps, and leaving foundation piles in place. Piles exposed during excavation will be cut and removed.

- Removal and disposal of sub-slab cast iron floor drain piping.

- Demolition and disposal of other concrete and asphalt pavement within Block E; uncontaminated concrete and asphalt can be broken up and recycled on-site.

- Removing the recognized environmental condition (REC) #2 product pipeline that traverses Block E in accordance with Code of Maryland Regulations (COMAR) Title 26.10 under the oversight of MDE Oil Control Program (OCP) and Baltimore County Department of Environmental Protection and Sustainability. Confirmation samples will be collected and analyzed as described in Section 7.7. (This action is being conducted to ensure that any possible contamination resulting from historical releases within the pipeline are remediated.)

- Excavation and disposal of the top one foot of soil in the median of Chesapeake Park Plaza and replacing it with clean backfill (see Section 7.9). This will prevent potentially PCB-impacted soil from eroding and discharging through the storm sewer.

- Removing storm sewers and associated impacted soil below the sewer pipe, rerouting stormwater through newly installed stormwater channels and sewer, and improving site grading (see Appendix J). Where storm sewers are removed beneath existing and proposed channels, clean backfill (see Section 7.9) will be used to restore the surface of the channel to prevent erosion of potentially PCB-impacted soil by the storm water flowing through the channel.

- Surface restoration by backfill (see Section 7.9), using clean fill, loam, and seed in all disturbed areas (except Alternative 2, which would have specific materials in the cap design). Backfill is needed to restore the surface to the top of the original foundation slab plus additional backfill and topsoil for contouring per the final stormwater management design (see Appendix J). Clean soil will be placed between final stormwater channel bottoms and residual PCB-impacted soil to prevent erosion of PCB-impacted soil by stormwater flowing through the channels. *(Note: this is not depicted on Figure 5-25.)*

- At least two years of semiannual groundwater sampling in downgradient wells, as shown on Figure 5-26, with groundwater analyzed for PCBs and 1,2,4-TCB. *(Note: this is not depicted on Figure 5-25.)*

- At least two years of storm sewer sediment sampling to be defined in a soil remedy monitoring plan *(Note: this is not depicted on Figure 5-25.)*

- Cost assumptions— All facilities below are Lockheed Martin-approved for use. *(Note: this is not depicted on Figure 5-25)*:

    - Soil and concrete with PCB concentrations 50 mg/kg and greater would go to a TSCA-approved hazardous waste landfill (for example, CWM Chemical Services, LLC in Emelle, Alabama). To conservatively estimate quantities, a value of 40 mg/kg was used as a threshold for non-TSCA disposal.

    - All other soil and concrete that require disposal would go to a nonhazardous landfill (for example, Waste Management—Fairless Landfill in Morrisville, Pennsylvania). Uncontaminated concrete would be broken up and recycled on-site as backfill.

    - Groundwater collected from excavations would be treated on-site and discharged via an NPDES permit.

- Institutional controls, including prohibitions on groundwater use, soil handling requirements, and limitations on future use of the property. MDE is anticipated to require that these institutional controls be included on property deeds. *(Note: this is not depicted on Figure 5-25.)*

- Miscellaneous considerations, such as finishing the backfilled areas with grass. *(Note: this is not depicted on Figure 5-25.)*

- Post-excavation verification sampling and sampling for disposal characterization. *(Note: this is not depicted on Figure 5-25.)*

The database which shows the residual contamination would be made available to the construction contractor to prevent known exposures during maintenance of existing Block E utilities, and during new utility installations and future development, even if such development complies with future industrial use plans for the site.

Elimination of alternatives—The following alternatives were eliminated based on the analysis of the remedial goals, advantages, disadvantages, and costs described above:

- ***Alternative 2:*** This alternative would only place a TSCA-regulated cap over the site, thus leaving all impacted soil in place. By leaving the soil in place, RAO No. 1 would not be

met, and PCBs and 1,2,4-TCB could continue to leach from soil to groundwater; thus, RAO No. 3 would not be met. This alternative also greatly restricts future property uses. For these reasons, Alternative 2 was removed from consideration.

- ***Alternatives 5 and 6:*** Although these alternatives would meet the cumulative cancer-risk-based criterion of 1×10^{-5} for the industrial and the construction worker scenarios by removing or stabilizing impacted soil and preventing contact with PCBs and COC, a bench-scale study (see Appendix K) found that stabilization was not effective at this site. The high proportion of fines in the soil limits the ability of the additives to bind to the soil and to COC. For this reason, Alternatives 5 and 6 were removed from consideration.

Accordingly, Alternatives 1, 3, 4, 7, and 8 are retained and carried forward for further evaluation. Table 5-8 shows the alternatives retained after the preliminary screening.

5.4.2 Evaluation Criteria

The five alternatives that passed the preliminary screening were evaluated in more detail using the nine evaluation criteria presented in the NCP. The NCP evaluation criteria provide a framework for assessing the risks, benefits, and costs of each remedial alternative. A tenth criterion, "Sustainability," has been added per Lockheed Martin policy. The 10 criteria are as follows:

1) overall protection of human health and the environment
2) compliance with ARARs
3) long-term effectiveness and permanence
4) reduction in toxicity, mobility, and volume through treatment
5) short-term effectiveness
6) implementability
7) costs
8) sustainability
9) state acceptance
10) local acceptance

The first two criteria, overall protection of human health and the environment and compliance with ARARs, are *threshold criteria*. All alternatives evaluated (except Alternative 1: No Action) meet these criteria.

The next five criteria described in the NCP are the *primary balancing criteria*. The evaluation in this RAP also adds a sixth balancing criterion that considers the sustainability of each alternative. Thus, the six primary balancing criteria considered are as follows:

1) long-term effectiveness and permanence
2) reduction in toxicity, mobility, and volume through treatment
3) short-term effectiveness
4) implementability
5) costs
6) sustainability

***Long-term effectiveness and permanence*—**Alternatives were assessed for their long-term effectiveness and permanence, along with the degree of certainty that the alternative will succeed. Other considerations include, as appropriate, the magnitude of residual risk (e.g., risks posed by untreated waste or treatment residuals) and the adequacy and reliability of controls (e.g., controls needed to manage untreated waste or treatment residuals).

***Reduction of toxicity, mobility, or volume through treatment*—**Alternatives were assessed for the degree to which they use recycling or treatment that reduces the toxicity, mobility, or volume of the waste being assessed, including how the treatment and associated reduction addresses principal site risks. The treatment aspect of this criterion reflects the CERCLA statutory preference for treatment.

***Short-term effectiveness*—**The short-term effects of the alternative were assessed considering the following:

- short-term risks that might be posed to the community during implementation
- potential effects on workers during the remedial action and the effectiveness and reliability of protective measures
- potential environmental effects of the remedial action, and the effectiveness and reliability of mitigation measures during implementation
- time until protection is achieved

***Implementability*—**The ease or difficulty of implementing the alternatives were assessed by considering technical feasibility, administrative feasibility, and availability of services and materials.

***Costs*—**Total cost analysis (TCA) considers the costs associated with implementing a program, including direct costs associated with implementation, environmental and health costs, risks and liabilities, and costs borne by others. The TCA considered five cost categories for the Block E soil remediation alternatives, as follows:

I—Direct costs (recurring and non-recurring), including:

- remediation design
- remediation construction, including capital, labor, material, and waste disposal
- operation, maintenance, and monitoring
- decommissioning and disposal upon remedy completion
- worker safety measures

II—Indirect costs (recurring and non-recurring) expended by Lockheed Martin to manage and support the remediation program.

III—Future and contingent liability costs, including:

- fines and penalties
- natural resource damage assessments under CERCLA
- property damage
- disposal or recycling facility failures
- future development under institutional controls
- currently unknown issues, such as:
    - unknown contamination in the remediation area or under the operating manufacturing facilities
    - future releases to groundwater
    - effect of future modification or demolition of manufacturing facilities, including changes in groundwater flow and contaminant release
    - emerging chemicals of concern

IV—Internal intangible costs, including:

- community relations
- regulatory relations
- corporate image
- customer loyalty
- worker wellness and morale

V—External costs (borne by society), including:

- environmental deterioration
- resource depletion
- protection of future residents and workers

The TCA, as applied in this soil RAP, includes quantitative cost estimates for Categories I and II and qualitative cost assessments for Categories III, IV, and V. Qualitative assessments are generally included in the other CERCLA evaluation criteria. TCA results are in Appendix H.

***Sustainability*—**This is not an NCP criterion; it was added to comply with Lockheed Martin policy. The sustainability of the remedial alternatives was assessed using the *SiteWise*™ software tool (Appendix L). *SiteWise*™ is a spreadsheet-based tool developed by the United States Navy, United States Army Corps of Engineers, and Battelle Memorial Institute. It provides a model for assessing the environmental footprint of remedial alternatives in terms of a consistent set of metrics, including greenhouse gas emissions, particulate emissions, and energy usage. The components of Alternatives 3, 4, 7, and 8 were divided into four modules (representing the remedial phases of most remedial actions), and the environmental footprint of each was calculated; these results were then combined to determine the total footprint of each alternative, and to enable comparison among the set of alternatives. *SiteWise*™ can also be used to determine the primary footprint contributors of each alternative.

The last two criteria described in the NCP are *modifying criteria*: state and local acceptance. Lockheed Martin has proactively interacted with MDE, USEPA, and the local community to present and discuss the potential ramifications of potential alternatives. MDE approval of the RAP will constitute state acceptance. USEPA approval of the risk-based disposal approval application (RBDAA) will constitute federal acceptance. Lockheed Martin is committed, through its community outreach program, to giving the public opportunities to comment on the RAP before its final approval and implementation. The two modifying criteria will not be scored during evaluation of the remedial actions at this time but will be incorporated after MDE has reviewed this document, USEPA has reviewed the RBDAA, and community input on this RAP has been received.

5.4.3 Detailed Analysis of Alternatives

The following sections detail the five alternatives retained based on the primary balancing criteria presented in Section 5.4.2.

5.4.3.1 Alternative 1: No Action

Long-term effectiveness and permanence—Alternative 1 would not be effective in the long-term at meeting RAOs, because site COC would remain in soil above the 1×10^{-5} human health cancer-risk limit and noncancer HI of 1. This alternative would not reduce risk and would not address transport of surface and storm sewer contaminants by stormwater to Dark Head Cove sediment, nor prevent leaching of contaminants to groundwater.

Reduction of toxicity, mobility, and volume through treatment—Alternative 1 does not employ any treatment; and, no reduction of toxicity, mobility, or volume of COC would be achieved.

Short-term effectiveness—No negative impacts are associated with the no action alternative, beyond the potential transport of surface contaminants by stormwater to Dark Head Cove water and sediment, and the continued regulatorily unacceptable human health exposure risk. Concentrations of soil-COC might gradually decrease to regulatorily acceptable levels over a long period due to natural processes; however, it would take a very long time to reach RAOs if no action is performed.

Implementability—Alternative 1 poses no implementability concerns because no action would be implemented.

Sustainability—No air emissions or impacts to water resources would be caused by this alternative, because no action would be implemented.

Cost—No costs are associated with Alternative 1.

5.4.3.2 Alternative 3: Excavation and Disposal of Impacted Surface and Subsurface Soil Using Conventional Methods

Alternative 3 would meet surface and subsurface soil PRGs through excavation and off-site disposal. Surface soil with PCB concentrations greater than 25 mg/kg, and subsurface soil with

PCB concentrations greater than 100 mg/kg, were also identified for removal, to provide a margin of safety. Institutional controls would also be applied.

***Long-term effectiveness and permanence*—**Alternative 3 would be effective in the long-term because average site-wide residual risk of both surface and subsurface soil would be reduced to regulatorily acceptable human health risk levels after implementation of this alternative, thus meeting RAO No. 1. Removal of contaminants in surface soil, the removal of storm drains, and use of clean soil in storm water swales and channels would prevent transfer of PCBs to stormwater, thus meeting RAO No. 2. Removal of the subsurface source area would further reduce potential leaching of PCBs and 1,2,4-TCB in soil to groundwater, thus meeting RAO No.3. Implementation, monitoring, and enforcement of institutional controls would also provide long-term effectiveness in protecting human health.

***Reduction of toxicity, mobility, and volume through treatment*—**Alternative 3 would remove impacted soil from the site and dispose of it at an off-site landfill, thus reducing the mobility of contaminants. Toxicity and volume of contaminants would not be reduced by implementation of this alternative, because soil would be moved to another location, rather than being treated to destroy contamination.

***Short-term effectiveness*—**Construction associated with this alternative would pose insignificant risk to the surrounding community and on-site workers. During the excavation of impacted soil, the primary risk to the community would be from inhalation of the dust produced. This risk would be mitigated through implementation of workplace dust-monitoring and dust-suppression measures as needed. Monitoring and appropriate personal protective equipment would mitigate risk to workers. Traffic (approximately 1,700 truckloads of impacted soil, 300 truckloads of concrete, and 3,000 truckloads of backfill) and noise during implementation of this alternative would have an effect on the surrounding community, and peak construction hours and planned trucking routes would be set to reduce this. Alternative 3 would take approximately seven months to reach RAOs.

***Implementability*—**Personnel and equipment to design and implement the proposed actions are readily available, and time to coordinate with stakeholders and obtain the necessary permits can

be built into the schedule. Identification and field location of utilities and other features that could interfere with construction would also be required during the design process, and before intrusive construction began. With these considerations, Alternative 3 is implementable.

Sustainability—The following environmental effects were estimated using *SiteWise*™ (see Appendix L):

- greenhouse gas emissions— 2,500 metric tons
- water impacts— 12,000 gallons
- nitrogen oxides (NO_x) emissions— 2.9 metric tons
- sulfur oxides (SO_x) emissions— 0.97 metric tons
- particulate matter (PM_{10}) emissions— 2.0 metric tons
- total energy used— 160,000 million British Thermal Units (MMBTU)

Cost—The following cost was estimated for Alternative 3:

- total cost: $ 21,920,000

5.4.3.3 Alternative 4: Excavation of Impacted Surface Soil Using Conventional Methods and Excavation of Subsurface Soil Using Large-Diameter Augers and Off-Site Disposal

Alternative 4 would meet surface and subsurface soil PRGs through conventional excavation of surface soil and large diameter auger excavation of subsurface soil and off-site disposal, although existing foundation piles, estimated to be 40 to 50 feet deep, near Transformer Room No. 2 will inhibit complete removal of impacted subsurface soil. Because of the foundation piles, approximately 1–2% of the total impacted subsurface soil would be left behind. Removal of those piles, if possible considering their length, would provide a pathway to contaminate deeper groundwater in the aquifer. Surface soil with PCB concentrations greater than 25 mg/kg, and subsurface soil with PCB concentrations greater than 100 mg/kg, were also identified for removal, to provide a margin of safety. Institutional controls would also be applied.

Long-term effectiveness and permanence—Alternative 4 would be effective in the long-term, because average site-wide residual risk of surface soil would be reduced to regulatorily acceptable

human health risk levels after implementation of this alternative, thus meeting RAO No. 1. However, it might not be possible to remove the existing deep foundation piles near Transformer Room No. 2. These piles will interfere with the placement of the augers and prevent complete removal of the impacted subsurface soil, as would take place in some other alternatives. Removal of contaminants in surface soil, the removal of storm drains, and use of clean soil in stormwater swales and channels would prevent transfer of PCBs to stormwater, thus meeting RAO No. 2. Removal of most of the subsurface source area would further reduce potential leaching of PCBs and 1,2,4-TCB in soil to groundwater, thus meeting RAO No.3. Implementation, monitoring, and enforcement of institutional controls would also provide long-term effectiveness in protecting human health.

Reduction of toxicity, mobility, and volume through treatment—Alternative 4 would remove impacted soil from the site and dispose of it at an off-site landfill, thus reducing the mobility of contaminants at the site. Toxicity and volume of contaminants would not be reduced by implementation of this alternative, because soil would be moved to another location, rather than being treated to destroy contamination.

Short-term effectiveness—Construction associated with this alternative would pose insignificant risk to the surrounding community and on-site workers. During the excavation of impacted soil, the primary risk to the community would be from inhalation of the dust produced. This risk would be mitigated through implementation of workplace dust-monitoring and dust-suppression measures as needed. Monitoring and appropriate personal protective equipment would mitigate risk to workers. Traffic (approximately 1,700 truckloads of impacted soil, 300 truckloads of concrete, and 3,000 truckloads of backfill material) and noise during implementation of this alternative would have an impact on the surrounding community, and peak construction hours and planned trucking routes would be set to reduce this impact. Alternative 4 would take approximately eight months to reach RAOs.

Implementability—Personnel and equipment to design and implement the proposed actions are available, although few contractors are capable of large-diameter auger excavation. Time to coordinate with stakeholders and obtain the necessary permits can be built into the schedule. Identification and field location of utilities and other features that could interfere with construction

would also be required during the design process, and before intrusive construction began. With these considerations, Alternative 4 is implementable.

Sustainability—The following environmental effects were estimated using *SiteWise*™ (see Appendix L):

- greenhouse gas emissions— 3,200 metric tons
- water impacts— 462,000 gallons
- NO_x emissions— 4.6 metric tons
- SO_x emissions— 1.7 metric tons
- PM_{10} emissions— 6.8 metric tons
- total energy used— 140,000 MMBTU

Cost—The following cost was estimated for Alternative 4:

- total cost: $ 23,280,000

5.4.3.4 Alternative 7: Excavation of Impacted Surface Soil Using Conventional Methods with Off-Site Disposal and *In Situ* Thermal Desorption of Subsurface Soil

Alternative 7 would meet surface and subsurface soil PRGs through conventional excavation of surface soil and off-site disposal, and ISTD of subsurface soil. Surface soil with PCB concentrations greater than 25 mg/kg, and subsurface soil with PCB concentrations greater than 100 mg/kg, was also identified for removal or treatment, to provide a margin of safety. Institutional controls would also be applied.

Long-term effectiveness and permanence—Alternative 7 would be effective in the long-term, because average site-wide residual risk from both surface and subsurface soil would be reduced to regulatorily acceptable human health risk levels after soil excavation and after thermal desorption have been completed, thus meeting RAO No.1. However, uncertainty exists in quantifying the effectiveness of ISTD, because this technology has had few applications addressing PCBs. Removal of contaminants in surface soil, the removal of storm drains, and use of clean soil in stormwater swales and channels would prevent transfer of PCBs to stormwater, thus meeting RAO

No. 2. Treatment of the subsurface soil would further reduce potential leaching of PCBs and 1,2,4-TCB to groundwater, thus meeting RAO No.3. Implementation, monitoring, and enforcement of institutional controls would provide long-term effectiveness in protecting human health.

Reduction of toxicity, mobility, and volume through treatment—Alternative 7 would remove impacted surface soil from the site and dispose of it at an off-site landfill, thus reducing contaminant mobility. Contaminant mobility, toxicity, and volume would be reduced in the subsurface soil through treatment by implementation of *in situ* thermal desorption. PCBs removed by ISTD would be recovered and destroyed off-site using a thermal process.

Short-term effectiveness—Construction associated with this alternative would pose insignificant risk to the surrounding community and on-site workers. During implementation of Alternative 7, the primary risk to the community would be from dust inhalation generated during excavation, and from potential vapor during *in situ* thermal desorption. The vapor treatment system would have to comply with TSCA regulations for PCB removal (99.9999%), because the soil has PCB concentrations greater than 50 mg/kg. Community risks would be mitigated through implementation of workplace dust monitoring and dust- and vapor-suppression measures, and state-of-the-practice vapor treatment. Through system operation, vapor samples would be collected, and maintenance performed to confirm that no hazardous substances are discharged to the environment.

Monitoring and appropriate personal protective equipment will address potential risk to workers. Traffic (approximately 550 truckloads of impacted surface soil, 300 truckloads of concrete, and 2,000 truckloads of backfill) and noise during implementation of this alternative would have an impact on the surrounding community. Peak construction hours and planned trucking routes would be set to reduce the impact. Alternative 7 would take approximately 14 months to reach RAOs.

Implementability—Personnel and equipment to design and implement the proposed actions are available. A limited number of contractors can perform *in situ* thermal desorption. As noted above in long-term effectiveness, quantifying the effectiveness of ISTD treatment is uncertain, because few applications of this technology have addressed PCBs. Sheet piles and dewatering for the subsurface soil treatment would be required. Time to coordinate with stakeholders and obtain the

necessary permits can be built into the schedule. Identification and field location of utilities and other features that might interfere with construction would also be required during the design process, and before intrusive construction begins. With these considerations, Alternative 7 is implementable.

Sustainability—The following environmental effects were estimated using *SiteWise*™ (see Appendix L):

- greenhouse gas emissions— 5,900 metric tons
- water impacts— 3,500,000 gallons
- NO_x emissions— 7.6 metric tons
- SO_x emissions— 25 metric tons
- PM_{10} emissions— 2 metric tons
- total energy used— 190,000 MMBTU

Cost—The following cost was estimated for Alternative 7:

- total cost: $31,720,000

5.4.3.5 Alternative 8: Excavation of Impacted Surface and Subsurface Soil Using Conventional Methods and On-Site *Ex Situ* Thermal Desorption

Alternative 8 would meet surface and subsurface soil PRGs through excavation and on-site treatment. Surface soil with PCB concentrations greater than 25 mg/kg, and subsurface soil with PCB concentrations greater than 100 mg/kg, were also identified for removal, to provide a margin of safety. Institutional controls would also be applied.

Long-term effectiveness and permanence—Alternative 8 would be effective in the long-term, because average site-wide residual risk of both surface and subsurface soil would be reduced to regulatorily acceptable human health risk levels after implementation of this alternative, thus meeting RAO No. 1. Removal of contaminants in surface soil, the removal of storm drains, and use of clean soil in stormwater swales and channels would prevent transfer of PCBs to stormwater, thus meeting RAO No. 2. Removal and treatment of impacted subsurface soil would further reduce potential leaching of PCBs and 1,2,4-TCB to the groundwater, thus meeting RAO No. 3.

Implementation, monitoring, and enforcement of institutional controls would also provide long-term effectiveness in protecting human health.

Reduction of toxicity, mobility, and volume through treatment—Alternative 8 would reduce contaminant mobility, toxicity, and volume in the surface and subsurface soil through treatment by implementation of *ex situ* thermal desorption. PCBs that are removed in the vapor phase would be destroyed on-site using thermal processes, and PCBs recovered in liquid phase, such as condensate, would be destroyed off-site using thermal processes.

Short-term effectiveness—Construction associated with this alternative would pose insignificant risk to the surrounding community and on-site workers. During the excavation of impacted soil, the primary risk to the community would be from inhalation of the dust produced during excavation, stockpiling, and preparation before treatment. This risk would be mitigated through implementation of workplace dust-monitoring and as needed dust-suppression measures. There would also be potential risk to the community during thermal treatment of the soil. The vapor treatment system would have to comply with TSCA regulations for PCB removal (99.9999%), because the soil has PCB concentrations greater than 50 mg/kg. Community risks would be mitigated through implementation of dust monitoring and dust- and vapor-suppression measures and state-of-the-practice vapor treatment. Through system operation, vapor samples would be collected, and maintenance performed to confirm that no hazardous substances are discharged to the environment.

Monitoring and appropriate personal protective equipment will mitigate risk to workers. Traffic (300 truckloads of concrete and 1,400 truckloads of backfill) and noise during implementation of this alternative would have an impact on the surrounding community. Peak construction hours and planned trucking routes would be set to reduce the impact. Alternative 8 would take approximately nine months to reach RAOs.

Implementability—Personnel and equipment to design and implement the proposed actions are available. A limited number of contractors can perform *ex situ* thermal desorption and meet the required TSCA PCB destruction efficiency (99.9999%). Similarly, a limited number of portable treatment systems are available, which could affect scheduling. Time to coordinate with

stakeholders and obtain the necessary permits can be built into the schedule. Identification and field location of utilities and other features that could interfere with construction would also be required during the design process, and before intrusive construction began. With these considerations, Alternative 8 is implementable.

Sustainability—The following environmental effects were estimated using *SiteWise*™ (see Appendix L):

- greenhouse gas emissions— 3,600 metric tons
- water impacts— 1,700,000 gallons
- NO_x emissions— 6 metric tons
- SO_x emissions— 12.7 metric tons
- PM_{10} emissions— 1.3 metric tons
- total energy used— 140,000 MMBTU

Cost—The following cost was estimated for Alternative 8:

- total cost: $ 24,690,000

5.5 COMPARATIVE ANALYSIS OF ALTERNATIVES AND PROPOSED ALTERNATIVE

Qualitative (see Section 5.4) and quantitative methods were used to compare the five remedial action alternatives for Block E soil. Both methods use the same evaluation criteria described in previous sections. As discussed above, this evaluation does not incorporate the state acceptance or community acceptance criteria; these will be evaluated through input from the community, USEPA, and MDE following submittal of this RAP and the RBDAA for regulatory approval.

A multi-criteria comparative decision-analysis was performed to quantitatively evaluate the potential alternatives. This method is useful because criteria such as environmental benefits, impacts, risk, economics, and stakeholder participation are not easily condensed into simple evaluation matrices. A multi-parameter analysis tool incorporates the decision criteria for remedy selection, assignment of weights to each criterion, and then summing the weighted scores for each criterion, resulting in a total quantitative score for each alternative for comparison. The score

applied to each remedial alternative is clearly defined and readily available for review. In addition, this tool enables the user to determine which criteria the scores are most sensitive to and to easily add alternative variants based upon results from earlier runs.

In this RAP, the multi-parameter analysis tool *Criterium® DecisionPlus®* (CDP) was used to weight and score the remedial alternatives for Block E. *Criterium® DecisionPlus®* is a decision-support tool that incorporates simple multi-attribute rating techniques such as the analytical hierarchy process and the Multi-Attribute Utility Theory (InfoHarvest, 2001). To build the decision hierarchy and incorporate all decision factors, each NCP evaluation criterion is represented by one or more individual metrics.

These metrics are represented by up to three levels of evaluation criteria as follows: Level 1 criteria are the major balancing and modifying criteria; Level 2 criteria include factors considered when evaluating Level 1 criteria; and Level 3 has further subcomponents with which to evaluate the Level 2 criteria. The results of this screening are in Appendix M. Table 5-9 summarizes the qualitative CDP analysis. Table 5-10 summarizes the weightings, rankings, and results of the quantitative CDP analysis.

All retained alternatives (excluding the "No Action" alternative) evaluated meet the threshold criteria equally well; therefore, the six balancing criteria were used to differentiate among alternatives and determine the preferred alternative:

- ***Long-term effectiveness and permanence***—Alternative 3 would reduce risk by remediating to very conservative cumulative risk goals, and by addressing impacted soil both above and below the water table. Alternative 7 ranks below Alternative 8 because ISTD has not been used at many PCB sites, and both alternatives rank below Alternative 3 in this category, because they would reduce risk by remediating to very conservative cumulative risk goals, and by addressing impacted soil both above and below the water table. Uncertainty exists regarding the effectiveness of the thermal technology on the PCBs and fine material. Alternative 4 is ranked somewhat lower than the other alternatives, because subsurface soil near the existing foundation piles cannot be removed by auger.

- ***Reduction of toxicity, mobility, or volume by treatment***—Alternatives 7 and 8 rank highest in this category, because they could achieve a high level of COC destruction where applied, and treatment would be complete and irreversible, because COC would be oxidized.

- ***Short-term effectiveness***—Alternative 1, "No Action," has the highest rank for this criterion. Alternative 8 ranks the next highest because it entails much less truck traffic through the community during implementation. Alternative 7 ranks below Alternative 8 because of the track traffic needed for disposal and backfilling the surface soil. Alternatives 3 and 4 are similar, because of the truck traffic associated with the surface and subsurface soil disposal. On the other hand, Alternatives 7 and 8 could potentially release COC via the vapor phase.

- ***Implementability—***Alternative 3 ranks highest in this category (other than "No Action") because the technology and expertise to execute this alternative are readily available and it is easily constructible. Alternative 4 is next, because of the limited number of companies that can perform large-diameter auger excavation. Alternative 7 would be next after that, because only a limited number of companies perform ISTD. Alternative 8 would be most difficult to implement, because of the on-site soil handling requirements, and operation of the thermal and off-gas treatment systems. Moreover, only a limited number of companies perform *ex situ* thermal desorption, and only a limited number of *ex situ* thermal desorption systems are available.

- ***Sustainability—***Alternative 1 ranks highest in this category, because no corrective action would be taken; therefore, no impacts to the environment would occur through its implementation. Alternative 3 ranks second highest in this category, with the lowest amount of greenhouse gas emissions and NO_x emissions. This alternative is followed in order by Alternatives 4, 8, and 7.

- ***Cost—***Alternative 1 ranks highest (i.e., has the lowest cost) in this category, followed in order by Alternatives 3, 4, 8, and 7.

The overall *Criterium*® *DecisionPlus*® scoring of the various alternatives is as follows (higher scores indicate that the alternative is more highly or favorably ranked):

- Alternative 1—0.111
- Alternative 3—0.266
- Alternative 4—0.214
- Alternative 7—0.193
- Alternative 8—0.216

Alternative 3 is the highest ranked alternative. Alternative 3 would meet RAO No. 1 for all Block E COC, including PCB Aroclors, 1,2,4-TCB, and BaPEq. Alternative 3 would meet RAO No. 2 by adding clean soil backfill and vegetation to proposed stormwater channels so that potentially impacted soil would not be carried away by stormwater and would meet RAO No. 3 by removing

the source of PCBs and 1,2,4-TCB to groundwater. Alternative 3 is time- and cost-effective, uses conventional construction methods, has the lowest environmental effects, and would allow the site to be accessible in the future. Thus, Alternative 3 was selected as the proposed soil remedial action at Block E, based on both the qualitative and quantitative analyses.

Alternative 4 would remove most, but not all, of the impacted subsurface soil, so it was not selected. Alternatives 7 and 8 have higher associated costs than the other alternatives, uncertainty in effectiveness of technologies, and have larger environmental footprints as compared to the other alternatives.

The chosen alternative, Alternative 3, will require institutional controls, including prohibitions on groundwater use, soil handling requirements, requirements for sub-slab soil-vapor-mitigation technology on future buildings, and limitations on future property uses. Contingency requirements for the proposed alternative are discussed in Section 6. Documentation of residual contamination will be necessary to prevent known exposures during maintenance of existing Block E utilities, new utility installations, and future site development, even if such development complies with the future industrial use plans of the site.

SECTION 6
CONTINGENCY MEASURES FOR THE PROPOSED REMEDIAL ACTION

The proposed remedial alternative chosen for Block E (Alternative 3) includes removal of impacted soil in areas identified by the residual-risk analysis (RRA) to reduce industrial- and construction-worker risk to achieve target risk-levels defined using preliminary remediation goals (PRGs). PRGs were based on 1×10^{-5} cancer risk level and a hazard index of 1.0. This alternative would also remove all soil from the top two feet of the soil column with polychlorinated biphenyl (PCB) concentrations greater than 25 milligrams per kilogram (mg/kg) and would remove subsurface soil (to 20 feet depth) with PCB concentrations greater than 100 mg/kg as an added safety factor. Using safety factors (25 mg/kg and 100 mg/kg) in the cleanup will preclude higher confirmatory-sample concentrations from being diluted as sampling results are added to the Block E surface- and subsurface-soil data sets and representative exposure-point concentrations are recalculated.

Post-removal confirmation samples will be collected from the excavation bottoms and sidewalls before backfilling. Individual confirmation sampling results will be added to the Block E surface- and subsurface-soil data sets as input into the RRA to confirm that the recalculated 95% upper confidence limit (UCL) exposure-point concentrations continue to result in a cumulative residual-cancer-risk at or below 1×10^{-5} (i.e., a one-in-100,000 probability) and less than a hazard index of 1 (see Section 4). If this risk level is not met, additional soil will be removed beyond the proposed soil-removal limits until the risk management criteria are met. Soil excavated beyond the targeted subsurface excavation to produce the stable 1:1 slope excavation sidewall will be segregated, stockpiled, tested, and reused as backfill. Runoff from the stockpile will be captured by stormwater controls, such as wattles, and treated. Run-on will be minimized. If the soil contamination does not meet backfill requirements, the soil will be disposed of off-site and additional backfill material will be brought to the site.

Sampling in 2003 did not identify impacts to soil beneath the product pipeline, and total petroleum hydrocarbons (TPH) were not considered a significant contributor to risk when formulating the Block E soil remedial action. Confirmatory sampling will be conducted in the product pipeline excavation to verify removal of soil with TPH diesel-range organics (TPH-DRO) concentrations greater than the Maryland Department of the Environment (MDE) Oil Control Program (OCP) residential cleanup goal of 230 mg/kg. Confirmatory sampling will determine whether additional soil removal might be required from the product pipeline footprint until concentrations of TPH-DRO in the base and sidewall soil samples are confirmed to be below the MDE OCP residential cleanup goal.

Excavation in the southeastern area is expected to be entirely within the unsaturated zone, based on historical groundwater level measurements collected in this area, so no dewatering is expected to be needed there. If the groundwater table is unusually high, the water from the excavation will require management and disposal as a hazardous waste because trichloroethene (TCE) concentrations in the groundwater of that area has been determined to be a listed waste.

Asbestos-containing material (ACM) may be present as insulation on some sub-slab pipelines and sumps, and in ceramic tile and adhesive. If potential ACM is encountered, samples will be collected to determine asbestos content. ACM will be managed and disposed of according to National Emission Standards for Hazardous Air Pollutants (NESHAP), Occupational Health and Safety Administration (OSHA), and state regulations.

The product pipeline remediation is implemented under the OCP and is unrelated to the PCB cleanup. Clean closure of the pipeline will eliminate the need for land use controls (LUCs) related to the pipeline soil if industrial cleanup levels were used. Alternatively, if residential standards cannot be practicably achieved by further excavation under the product pipeline, then site closure will be pursued, in conjunction with the MDE OCP-inspector's approval, using LUCs to limit future access to remaining soil that exceeds these screening criteria. Additional excavation might also be necessary in the footprint of the excavated storm drains, based on confirmatory sampling

results for TPH-DRO, TPH gasoline-range organics, PCBs, and volatile organic compounds (VOCs).

As described in Appendix I, foundation slab, subgrade soil, and drain lines will be surveyed for possible radioactive residue from materials that might have historically been used at former Building D. All radioactive material identified during radiological surveys will be packaged, removed to a material accumulation area, sampled for offsite disposal facility waste acceptance criteria, and staged for offsite shipment.

Semiannual groundwater monitoring in several Block E wells (MW-43A, MW-103A, MW-103B, MW-113A, MW-114A, MW-123A, MW-124A, MW-124B, MW-126A, MW-127A, MW-127B, and MW-130A; see Figure 5-26) will continue for at least two years after completion of the remedial action, with analyses for PCBs (using Method 680) and VOCs, to ensure that Alternative 3 satisfies remedial action objectives (RAOs) in the long term. For the same reason, storm sewers will be monitored for accumulation and sediment samples will be collected during groundwater sampling events and analyzed for PCBs (using Method 8082A) if sufficient sediment is found. As shown on Table 6-1, contingencies might be activated based on monitoring results.

SECTION 7
PROPOSED REMEDIAL ACTIONS

This section presents the proposed remedial action for impacted Block E soil at the Middle River Complex (MRC). The proposed remedial alternative chosen for Block E (Alternative 3) would remove impacted soil in areas identified by residual-risk analysis (RRA) to reduce industrial and construction worker risk to achieve target risk levels developed using preliminary remedial goals (PRGs). The proposed remedial alternative would also remove soil with polychlorinated biphenyl (PCB) concentrations greater than 25 milligrams per kilogram (mg/kg) to two feet below soil surface, and remove subsurface soil having PCB concentrations greater than 100 mg/kg, as well as implement institutional controls. Figure 5-19 is a layout of the remedial action; a summary of the proposed remedial action components appears in this section. Figure 7-1 depicts the remedial action and many of the common elements to illustrate the overall activity and disturbance of the site. This proposed conceptual design might be altered during the detailed-design process, and in response to regulatory review, permitting requirements, and any additional information obtained before implementation. Note that although unsupported excavation walls were assumed in the development of this alternative, the sheet pile approach will be evaluated during the design and may still be implemented in the final design.

A final remedial action design will be developed following Maryland Department of the Environment (MDE) approval of this remedial action plan (RAP). The design will provide the final design-basis for the remedial actions, details regarding the areas and volumes of soil to be excavated, and the volume and type of fill material. The proposed action will also be submitted to the United States Environmental Protection Agency (USEPA) for review and approval as a risk-based disposal-approval application (RBDAA). The schedule for implementing the remedial action is in Section 9. The major components of the remedial action necessary to achieve a "No Further Action" letter are as follows:

- surveying slab, sub-slab soil, and drains for possible radioactive residue, followed by removal and disposal of radioactive material
- removal of existing soil piles overlying the concrete slab (most of this soil can be used as backfill)
- demolition and disposal of the concrete slab, footings, and pile caps, and leaving foundation piles in place. Piles exposed during excavation will be cut and removed, as well as other adjacent concrete and asphalt surfaces (uncontaminated concrete and asphalt can be recycled on-site)
- removal and disposal of most of the current stormwater system
- removal and disposal or recycling of the product pipeline
- removal of soil to allow industrial site use
- reconstruction of an acceptable stormwater management system to drain post-remediation surfaces and grading
- post-removal confirmation sampling and analysis
- characterization, transport, and off-site disposal of removed materials
- backfilling with clean backfill and re-grading
- site restoration
- at least two years of semiannual groundwater and storm sewer sediment monitoring
- implementation of institutional controls

The sequence of activities will be developed and detailed in a work plan. Many of the components described above will occur concurrently. For example, after excavation of one area has been completed, excavation of a second area will begin while the first area is backfilled.

7.1 RADIOLOGICAL TESTING

Radiological surveys will be performed during the proposed remedial action to ensure that radiological materials or residual radiological contamination, if encountered, are properly removed and disposed of. Radiological surveys will also verify that no radioactive materials above release criterion remain, thereby releasing the site from post-remediation radiological restrictions. The following activities will support remediation activities (see Appendix I):

- work-area exposure surveys for personnel protection during demolition
- work-area radiation surveys for personnel protection during demolition
- work-area air monitoring for personnel protection during demolition
- contamination surveys of piping, concrete, soil, and debris to identify/segregate materials and determine disposal options
- building slab and foundation demolition
- soil removal
- final status survey after removal of building structure to verify that the site can be released with no restrictions
- contamination surveys on equipment and materials during decontamination activities and for unconditional release from the site
- report results from field activities

The subsurface soil beneath the Building D slab consists of imported backfill material and native soil graded during pre-construction site preparation. Hundreds of soil samples and soil cores have been screened and analyzed since 2013. All soil sample radioactive compound concentrations collected during field activities, except for two core borings (see Appendix I, Section 2.3.3), fall within the variable ranges of natural background concentrations.

Undisturbed soil samples were collected in Block F to generate a background reference-area value for a non-impacted area. However, the soil characteristics in Block F are decidedly different from those in Block E (undisturbed, undeveloped soil versus disturbed, developed soil), and the sampling results do not reflect the ranges found in Block E. Block E soil sampled to date, except for the two previously mentioned core borings, are representative of background concentrations in Block E. Table 2-1 of Appendix I presents the Block E background sample ranges. A radiological remediation plan detailing radiological survey procedures is in Appendix I.

7.2 SOIL PILE REMOVAL

The soil piles on the northern and western sides of the former Building D foundation were sampled during the remedial investigation, and the PRG for benzo(a)pyrene equivalents (BaPEq) was

exceeded at five shallow soil locations. BaPEq-impacted soil will be excavated and disposed of off-site, and the balance of the soil piles will be used as backfill. The remaining soil will be used as backfill if it meets the requirements of the Soil Management Plan for Blocks E and I (Tetra Tech, 2019b). A temporary retaining wall will be installed near the western end of the former building foundation to stabilize the Tilley Chemical Company property during soil-pile removal. A retaining wall is not needed along the northern side of the slab, because sufficient space is available to grade the slope to a stable configuration while removing soil from the slab.

7.3 CONCRETE AND FLOOR SLAB DEMOLITION

Although Building D was demolished in the early 1970s, the building's foundation and basement floor slab, as well as other concrete and an asphalt access roadway, remain in Block E. The floor slab consists of concrete slabs with ceramic tiles overlying the concrete in several locations. The concrete slab contains construction or expansion joints and cracking between and within the slabs.

All concrete in Block E (an estimated 24,000 tons) will be removed during the proposed remedial action. This quantity includes the entire former Building D floor slab, perimeter and internal footers, piles in excavations that must be cut off, and other concrete surrounding Block E. The work will progress in stages, such that after slab removal, soil excavation, and confirmation sampling in one area has been completed, backfilling will begin while slab removal and excavation begin in another area. This will minimize the area of impacted soil exposed to stormwater and reduce the volume of water to be treated.

The concrete slab will be removed in manageable sections using heavy equipment to facilitate radiological screening and sampling of the concrete and underlying floor drains. The concrete foundation will be visually surveyed for PCB staining and surveyed for radiological materials per Appendix I. All stained concrete will be segregated from non-impacted material, as will already tested concrete with elevated PCB concentrations. All concrete with radiological material concentrations above the *Atomic Energy Commission Regulatory Guide 1.86* levels for surface contamination for isotopic uranium (see Table 7-1) will be segregated from non-impacted material. Residual concrete and asphalt adjacent to the concrete slab will also be removed as part of removing the concrete foundation.

The floor drain system will be visually inspected to determine if it has been damaged. Radiation and contamination surveys of exposed areas of the drain system and surrounding soil will determine if conditions are safe before proceeding to remove the next section of concrete. If an area of elevated radionuclide activity is found after slab removal, it will be covered and secured to prevent the spread of contamination until further investigation and, if necessary, remediation can be performed. These areas will be barricaded to prevent the entry of unauthorized personnel. This protocol will be repeated for each section of slab removed.

In areas where the slab has been removed, the floor drain system will be broken into manageable pieces using heavy equipment. Each piece of the floor drain system and surrounding soil will be surveyed under the supervision of a health physicist before other personnel enter the area. The results of the radiological survey will determine how materials will be packaged, removed, staged, and disposed of. Care will be taken to remove as little dirt as possible when materials such as concrete or floor drains are removed. If no radiological contamination above the limits in Table 7-1 is found, material will be removed and disposed of as nonradioactive waste. If concrete is not stained or contaminated by petroleum hydrocarbons, it will be broken up, temporarily stored, and recycled on-site as described in Section 7.8.

Radiological contamination in the underlying soil is not expected, provided the floor drain piping is removed in accordance with procedural guidance. However, unknown piping failures might have occurred in the past, so coverage surveys, as described in Appendix I, will be performed to monitor for this possibility. Possibly contaminated soil and debris exceeding Table 7-1 values will be removed, staged, and sampled for analysis, and, if necessary, disposed of as low-level radioactive material. This material will be bagged, wrapped, or containerized before being moved to the staging area, to prevent the spread of contamination during movement. Staging areas for these materials will be covered with disposable materials (e.g., tarps, plastic) before use and designated/barricaded as radiological areas until the material has been removed for disposal.

Monitoring wells within the footprints of the concrete removal areas will be abandoned prior the demolition activity. Monitoring wells outside of the concrete removal areas along with injection wells and piping associated with the groundwater treatment system in the southeastern area will be protected from damage.

7.4 CURRENT STORM SEWER SYSTEM AND PRODUCT PIPELINE REMOVAL AND DISPOSAL

The existing (but abandoned) product pipeline is a 1,815-foot-long, 2-inch-diameter pipe that runs underground from a former 500,000-gallon fuel oil aboveground storage tank (AST) previously located in Block E to the MRC power plant in Block I. Approximately 1,500 feet of the pipeline is in Block E, but approximately 200 feet have already been removed. The location of the pipeline running along the western and southern boundary of Block E is shown on Figure 5-25. Once the pipeline exits Block E, it runs through a tunnel that historically connected Building D with Building C in Block I. The underground portion of the product pipeline in Block E will be removed as part of the proposed remedial alternative under the oversight of an MDE Oil Control Program (OCP) inspector, and in compliance with *Code of Maryland Regulations* (COMAR) Title 26.10.

The current southern portion of the Block E storm-drain line impacted with PCBs, along with surrounding contaminated soil, will also be removed. Figure 5-25 shows the storm sewers that will be removed. During removal of the storm sewer along the eastern side, the groundwater treatment system discharge pipeline and electrical service must be protected. A stormwater management system, as described in Section 7.6, will be designed and constructed as part of the remediation program. Because the routes of the current stormwater channels and sewers will likely be used for the new stormwater management system (see Figure 7-1), potentially contaminated soil along channels will be replaced with at least six inches of clean backfill. After the existing storm sewers and soil are removed, the trench will first be filled with surface soil along each side of the trench, then backfilled to grade with clean soil.

7.5 EXCAVATION AND DEWATERING

Erosion and sedimentation controls specified in the grading plan (to be approved by the Baltimore County Soil Conservation District) will be installed and inspected by the county before excavation begins. The county will issue a grading permit upon approval of the installation. The excavation of Block E and the Chesapeake Park Plaza median can proceed once that, and all other permits associated with the project, have been issued. To meet risk-based industrial and construction worker criteria, approximately 22,000 cubic yards (cy) (approximately 1,700 truckloads) of soil in Block E have been identified for excavation and disposal (see Figure 5-19). Note that although

unsupported excavation walls were assumed in the development of this alternative, the sheet pile approach may still be implemented in the final design.

Block E soil with PCB concentrations greater than 50 mg/kg will be removed and disposed of at a Toxic Substances Control Act (TSCA)-permitted hazardous waste facility. The removal limits in this RAP were determined based on the review of extensive soil sampling results discussed in Section 2. The final limits of removal will be determined after post-removal confirmation sampling has been completed and the RRA has been rerun. Sediment accumulated in erosion- and sediment-control devices will be disposed of off-site, along with the removed soil. Erosion- and sediment-control devices will be described in the Block E remedial action design.

Subsurface soil removal areas will be dewatered to facilitate excavation and backfilling. Stormwater that flows into the excavations or contacts possibly impacted soil will also be collected. Excavated soil might also require dewatering. Dewatering liquid, sub-slab water, and other collected stormwater will be placed into portable holding tanks before on-site treatment with filtration and granular activated-carbon (GAC), and then discharged via a National Pollutant Discharge Elimination System (NPDES) permit. Discharge to a sanitary sewer will be evaluated further during the final design.

Solids trapped by filtration will be analyzed and, depending on the results, transported to an approved facility for disposal. GAC used to treat this dewatered liquid will also be characterized and disposed of appropriately. The treated water will be discharged to surface water through the MRC-permitted NPDES storm-drain and outfall system. Permits required for the proposed remedial action are described in Section 8.2.

7.6 STORMWATER MANAGEMENT SYSTEM

To achieve remedial action objective (RAO) No. 2, part of the proposed remedial alternative entails building a new stormwater management system to replace the existing Block E storm drains. A conceptual design for site grading and general stormwater conveyance has been prepared (see Appendix J), and a final stormwater study to assess site drainage will be performed before the final design. The existing storm drain system will be replaced with surface channels and pipelines (designed for use under remedied site conditions) to accommodate stormwater requirements

associated with a 100-year-storm with considerations given to higher intensity events, such as a 500-year-storm. Although most of the surface will be replaced by clean backfill, there are a few areas where potentially PCB-impacted soil on the surface will be exposed to stormwater in channels such that soil could be eroded and discharged. In those areas, at least six inches of soil below the channel will be replaced with clean backfill (see Figure 7-1). The new stormwater management system design will be included in the final remedial action design that will be developed following approval of this RAP. The conceptual design of the stormwater management system follows existing channels and storm sewer routes such that storm water will not be in contact with potentially impacted soil. If the final stormwater management system design uses different channel routes, then clean fill must be used for the channel routes, too.

7.7 CONFIRMATION SOIL SAMPLING

Post-removal confirmation samples will be collected from the excavations of the soil removal areas before backfilling to confirm that recalculated 95% UCL exposure-point concentrations continue to result in a cumulative residual cancer risk at or below 1×10^{-5} and a hazard index less than 1 (see Section 5). Sampling requirements describing the type (grab or composite) and distribution of base and sidewall samples required to verify RAO No. 1 has been met will be submitted for regulatory approval.

Base and sidewall samples will be analyzed for PCBs using USEPA Method 8082A. Analyses for other contaminants, such as polycyclic aromatic hydrocarbons (PAHs) using USEPA Method 8270, and volatile organic compounds (VOCs) using USEPA Method 8260B, will be performed at locations where these contaminants are being remediated per the RRA. Confirmation samples collected from the storm-drain piping excavations will be collected in a similar manner and analyzed for the same parameters. The sampling results will be used in an RRA recalculation to determine if RAO No. 1 has been achieved. If not, additional soil will be removed until the RAO has been met.

Post-removal confirmation samples will also be collected from the base and sidewalls of the product pipeline excavation and analyzed to verify that residual total-petroleum-hydrocarbon diesel-range organics (TPH-DRO) concentrations in remaining soil are less than the MDE OCP

residential-cleanup goal of 230 mg/kg. The compliance division of the MDE OCP will be notified of the planned pipeline removal 30 days before excavation. Product pipeline post-removal confirmation samples will consist of grab samples, and based on preliminary discussion with OCP staff, will likely be required every 50 feet along the length of the pipe within Block E. Confirmation sampling requirements and results could be subject to OCP review and approval, and such requirements would be set forth by OCP officials upon notification.

7.8 WASTE CHARACTERIZATION AND DISPOSAL

Before remedial activities begin, soil in the proposed excavation areas will be sampled and analyzed for waste disposal characterization at a minimum frequency of one sample per 500 cubic yards, or as required by the selected disposal facility. Sampling frequency might be increased depending on the volume of soil to be removed and waste disposal facility requirements. Samples will be analyzed by the toxicity characteristic leaching procedure (TCLP) and for parameters required by the waste disposal facility. For all required analyses except VOCs, composite samples consisting of three grab samples will be collected from each excavation area. Samples for VOC analysis will be collected as discrete samples from each excavation area before compositing.

Excavated soil will likely be directly loaded into trucks and transported for off-site disposal after waste characterization is complete and the waste disposal facility has accepted the waste. The transportation method to the disposal facility (e.g., truck, rail, or barge) will be determined during design. Soil identified during pre-design delineation sampling as having PCB contamination greater than 50 mg/kg will be disposed of at a TSCA-regulated facility approved by Lockheed Martin. The remaining removed soil will be disposed of as nonhazardous waste at an approved Subtitle D landfill or recycling facility approved by Lockheed Martin. Approximately 33,000 tons of soil, of which 30,000 tons will be disposed of at a TSCA-regulated facility, will be excavated, directly loaded at a rate of approximately 20 tons per truck and transported to the selected facilities during this remedial action. Approximately 1,700 truckloads (truck trips) will likely be required to remove contaminated soil during the remedial action.

Approximately 24,000 tons of concrete will be removed and disposed of offsite or recycled on-site as part of the selected remedy. Following radiological testing, concrete will be disposed of or recycled as follows:

- If contaminated, directly loaded and transported to a selected facility as follows: Concrete with PCB concentrations greater than 50 mg/kg would be disposed of at a TSCA-approved facility (approximately 1,000 tons or 50 truckloads). Concrete with PCB concentrations less than 50 mg/kg or unsuitable for recycling (for example, due to staining) would be disposed of at a nonhazardous waste landfill (approximately 4,000 tons or 200 truckloads).
- If uncontaminated, broken up on-site with crushing equipment that can cut reinforcing steel and wire mesh and used on-site as backfill (approximately 19,000 tons). Alternatively, the concrete would be broken up on-site and transported to a selected local recycling facility.

Current cost estimates are based on uncontaminated concrete being broken up and recycled as backfill on-site.

Air quality during soil and concrete handling would be evaluated using a combination of direct observation and perimeter sampling/monitoring stations. Water sprays would be used to control dust.

Trucks will be loaded continuously during working hours, anticipated to be 10 hours per day and five days per week. The number of trucks operating at the site might vary depending on availability. All trucks will be decontaminated (e.g., tires washed), screened for radioactivity, affixed with appropriate signage, loads secured with tarps, and truck safety-systems checked (e.g., brakes, signal lights, etc.) before leaving the site. Approximately two to three trucks per hour could be filled using direct-load techniques. Storm drain piping, concrete, steel, and other construction/demolition materials resulting from the removal of the former structure's foundations will be cleaned/decontaminated (as appropriate) and subsequently either recycled on-site or disposed of at an off-site facility permitted to accept such materials. Trucks will exit the site directly onto Chesapeake Park Plaza and follow a route similar to that used in the sediment remediation project. Details concerning the trucking route will be finalized during the remedial design. Peak construction hours and planned trucking routes would be set to minimize traffic and noise.

7.9 BACKFILLING

Removal areas will be backfilled after completion of post-removal confirmation sampling and excavation dewatering. Areas where the concrete has been removed will also be backfilled to the original grade. Additional fill over the original grade will be needed for final grading for stormwater management. Clean backfill soil will be obtained primarily from an off-site borrow source and will be similar in grain size to the removed soil, as appropriate. The estimated quantity of backfill is 81,000 tons, which will be offset by on-site recycling of concrete as backfill, so a total of 60,000 tons (3,000 truckloads) of backfill brought to the site. The portions of soil piles not impacted by BaPEq will be used as backfill, if they meet the requirements of the Soil Management Plan for Blocks E and I (Tetra Tech, 2019b). Other materials, such as crushed stone, might also be used as backfill. Backfill material-acceptance criteria are in Table 7-2.

The off-site borrow source material will be evaluated according to the Soil Management Plan for Blocks E and I (Tetra Tech, 2019b). The off-site borrow source will be identified, and its environmental and geologic documentation will be obtained. The environmental and geotechnical properties of the material will be evaluated to determine its suitability for use. If the borrow source is judged acceptable, soil samples will then be obtained and analyzed for chemicals of concern (COC) using the methods listed in Table 7-2.

The minimum sampling frequency will be as recommended in the MDE clean-fill document and based on the size (i.e., area and volume) of the borrow source. Constituents detected in samples will be compared to MDE cleanup levels, to eastern-region anticipated typical concentrations (ATCs) (MDE, 2008), or to other MDE-approved risk-based concentrations. The off-site borrow source will have to be approved by MDE before transporting any backfill material from it onto the site.

Backfill material will be compacted to at least 90% of its maximum dry density, as determined by the standard proctor test using the ASTM International, Inc. (ASTM) Method D698-12 and/or American Association of State Highway and Transportation Officials (AASHTO) specification T-99. As noted in Section 7.3, the work will progress in stages, such that after slab removal, soil excavation, and confirmation sampling in one area has been completed, backfilling

will begin while slab removal and excavation begin in another area. This will minimize the area of impacted soil exposed to stormwater and reduce the volume of water to be treated. Runoff from contaminated areas will be captured and treated. A combination of collection sumps and the excavations would be used per county requirements.

7.10 RESTORATION

The top 2 feet of soil will meet the surface soil PRGs. The top six inches of backfill in areas to be restored with vegetation, which includes areas where contaminated soil has been excavated, and where the foundation, and other concrete roads and paved areas have been removed, will be medium-textured loam suitable for establishing vegetation (i.e., topsoil). The backfilled and regraded areas, along with other areas disturbed during implementation of the remedial action, will be restored/stabilized using permanent vegetative stabilization practices. Clean backfill (at least six inches) will be placed in the bottoms of storm water channels to prevent erosion of potentially PCB-impacted soil by the stormwater flowing through the channel. After final grading, vegetative restoration will consist of surface preparation, fertilizing, seeding with grass, and mulching. A crushed stone road will be built in the southeastern corner to provide access to the groundwater treatment systems. A conceptual design for the final grading is shown in Appendix J. Complete details on the restoration procedures, erosion and sediment controls, and final site layout will be included in the Block E remedial action design that will be prepared before implementation.

7.11 BLOCK E SOIL REMEDY MONITORING PLAN

A soil remedy monitoring plan to evaluate the effects of the soil removal on the groundwater and storm sewer sediment will be developed during the design phase. The groundwater portion of the plan will include sample locations, analyses, and sampling frequency. These results will be used to establish that concentrations are stable or decreasing. Tentatively, at least two years of semiannual groundwater monitoring will be conducted in 12 downgradient Block E wells to confirm attainment of RAO No. 3 by confirming that PCB and 1,2,4-trichlorobenzene (1,2,4-TCB) concentrations in groundwater are not increasing after the remedial action has been implemented. Groundwater monitoring wells (MW-43A, MW-103A, MW-103B, MW-113A, MW-114A, MW-123A, MW-124A, MW-124B, MW-126A, MW-127A, MW-127B, and MW-130A; see

Figure 5-26) or an updated replacement monitoring well array will be sampled each spring during the annual MRC groundwater monitoring program, and during an additional semiannual event each fall. Note that the final well list will be determined during the preparation of the Block E Soil Remedy Monitoring Plan which would be submitted to MDE and EPA for approval. Groundwater samples will be analyzed by an off-site laboratory for PCBs and 1,2,4-TCB using USEPA SW-846 Method 680 and USEPA SW-846 Method 8260B, respectively.

The storm sewer sediment portion of the plan will include sample locations, analyses, and sampling frequency. Because much of the existing storm sewer system will be removed, the sample locations will be determined after the design is completed. Storm sewer sediment results will be considered acceptable if they are less than the sediment cleanup goal of 0.676 parts per million. Sediment samples will be analyzed by an off-site laboratory for PCBs using USEPA SW-846 Method 8082A.

7.12 INSTITUTIONAL CONTROLS

MDE will document institutional controls applicable to Block E in the "No Further Action" letter that will be issued once the three RAOs have been met. The environmental covenants defined in the "No Further Action" letter will be filed in local land use records and will pass to subsequent property owners as part of the deed documentation. MDE regards all institutional controls as existing in perpetuity unless the related environmental covenants are eliminated or modified by mutual consent of the stakeholders. As part of the "No Further Action" letter and supporting documentation, MDE will present certain environmental covenants that will give stakeholders legal standing to enforce them.

MDE will determine final disposition of any institutional controls. Institutional controls will typically apply to the entire tax block, not just to smaller portions of the block, as to be agreed upon by MDE and Lockheed Martin Corporation (Lockheed Martin). Examples of institutional controls might include:

- prohibitions on using groundwater beneath the property for any purpose
- notification and handling requirements for soil during future excavations
- restrictions on use of the property for other than industrial purposes

7.13 ENVIRONMENTAL FOOTPRINT CONSIDERATIONS

Measures identified in the *SiteWise*™ evaluation (see Appendix L) that might reduce the environmental footprint of the alternatives are listed below:

- Using alternative modes of transportation (if possible) when transporting waste to disposal facilities.
- Optimizing the amount of soil needed for backfill, as this is one of the main drivers of sustainability.
- Optimizing the schedule to transport materials to the site in the best way possible.
- Reducing the environmental footprint, particularly air emissions, for all alternatives through the possible use of emission control measures such as alternate fuel sources (e.g., biodiesel), equipment exhaust controls (e.g., diesel emissions control), and equipment idle reduction.
- Optimizing the number of samples analyzed to characterize soil for disposal and quality.
- Reducing vehicle mileage thereby reducing worker risk, as well as energy use and emissions. Encouraging site workers to carpool daily to the site to reduce total vehicle mileage.

SECTION 8
PERMITS AND NOTIFICATIONS

This section describes the permits that will be required for the proposed remedial actions and the required notifications if unexpected conditions are encountered during implementation of this remedial action plan (RAP).

8.1 PERMITS

Lockheed Martin Corporation (Lockheed Martin) will meet all federal, state, and local permitting requirements for the proposed soil remedial action described in Section 7. Permitting requirements for the proposed remedial action relating to soil and off-site disposal will be subject to the soil-management requirements of the Maryland Department of the Environment (MDE); the Baltimore County Department of Environmental Protection and Sustainability; and, the Baltimore County Soil Conservation District (BCSCD). Appendix N contains a list of permit requirements, with contact information and review periods. Permits potentially required to implement the remedial action include the following:

- Although not strictly a permit, a Toxic Substances Control Act (TSCA) "Risk-Based Disposal Approval Application" must be submitted to the United States Environmental Protection Agency (USEPA). The application must be approved by USEPA before the work can begin.

- A Baltimore County grading permit is required for any land disturbance and grading that disturbs more than 5,000 square feet, or more than 100 cubic yards, of fill material. Grading plans will be submitted to Baltimore County for review and approval.

- A Baltimore County Department of Public Works Utility Cut permit, which is required for any work in a public right-of-way, will be needed to replace the storm sewer.

- An erosion- and sediment-control plan will be submitted to the BCSCD, prepared in accordance with the *Maryland Standards and Specifications for Soil Erosion- and Sediment-Control* (MDE, 2011) and the *Baltimore County Urban Policy and Guidelines Manual* (BCSCD, 1999). The BCSCD review of erosion- and sediment-control plans will

be coordinated with and incorporated into the Baltimore County review of the stormwater-management and grading plans.

- No critical-area resources are within Block E, so a waiver request for critical-area requirements for Block E work will be submitted to the Baltimore County Environmental Impact Review Department. A waiver is expected to be granted. The final total ground disturbance exceeds one acre, so a "Notice of Intent" application for a "Construction General Permit" for stormwater associated with construction will have to be submitted to MDE, along with an erosion- and sediment-control plan to be approved by the Baltimore County Soil Conservation District. Work within the tidal buffer will be identified and mitigated, as needed.

- The Maryland Heritage Trust will conduct a Section 106 National Historic Preservation Act-project review.

- The project will also be reviewed for potential impacts to listed species and critical/essential fish habitat according to guidelines from the Maryland Department of Natural Resources.

- A National Pollutant Discharge Elimination System (NPDES) permit and/or permit modification application will be submitted to MDE for the relocation and reconstruction of the Block E storm-drain system, and for excavation dewatering, if the extracted groundwater from subsurface soil excavation is to be discharged through the Middle River Complex (MRC) storm-drain and outfall system. Potentially contaminated runoff that enters excavations will also be collected and treated before discharge. Alternately, a permit could be secured from Baltimore County approving discharge to the sanitary sewer.

- A "Water Well Abandonment-Sealing Report" must be completed and submitted for each abandoned monitoring well. An "Application for Permit to Drill Well" form must be prepared and submitted prior to installing each new monitoring well, and after completion, a "Well Completion Report" is prepared and submitted for each well. These forms are submitted to the County and MDE.

8.2 NOTIFICATIONS

Lockheed Martin will follow appropriate MDE and USEPA notification requirements regarding previously undiscovered contamination, changes in the RAP schedule, and citations from regulators related to health and safety practices associated with implementation of the proposed remedial action and will be promptly notified of any discharges to the environment. MDE and USEPA will be notified prior to the start of significant field activities per the final work plan and schedule. LMC Properties, Inc. (LMCPI) will be kept informed of work progress and schedule. Potable water will be obtained at locations approved by LMCPI.

SECTION 9
IMPLEMENTATION SCHEDULE

The projected events sequence for this project, including the expected schedule for completing various milestones, appears below. All dates below are estimated and subject to change:

1) submit this remedial action plan (RAP) to the Maryland Department of the Environment (MDE) (and United States Environmental Protection Agency [USEPA] for informational purposes) (March 2019)

2) submit draft risk-based disposal approval application (RBDAA) to USEPA (and to MDE for informational purposes) (March 2019)

3) MDE review and approval of RAP (October 2019)

4) public review and comment of RAP (November 2019 to December 2019)

5) obtain required permits or variances (November 2019 to April 2021)

6) design remedial action (September 2019 to August 2020)

7) submit 100% design to MDE and USEPA (August 2020)

8) submit final RBDAA to USEPA (October 2020)

9) MDE approval of design (October 2020)

10) USEPA approval of RBDAA (April 2021)

11) implement the remedial action (begin April 2021)

12) complete remedial action implementation (December 2021)

13) complete post-remedial-action monitoring and documentation (2023)

14) request a "No Further Action" letter (2023)

SECTION 10
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Figure 5-25 Common Elements

Figure 5-26 Groundwater Monitoring Wells for Post-Excavation Sampling, Block E

Figure 7-1 Combined Activities



2017 aerial photograph provided by the State of Maryland.

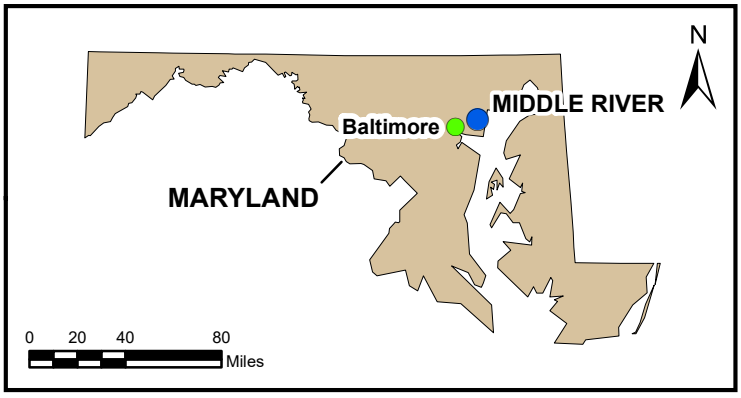

FIGURE 1-1

SITE LOCATION MAP
MIDDLE RIVER COMPLEX

Lockheed Martin Middle River Complex
Middle River, Maryland

DATE MODIFIED:	CREATED BY:
12/10/18	JEE

TETRA TECH

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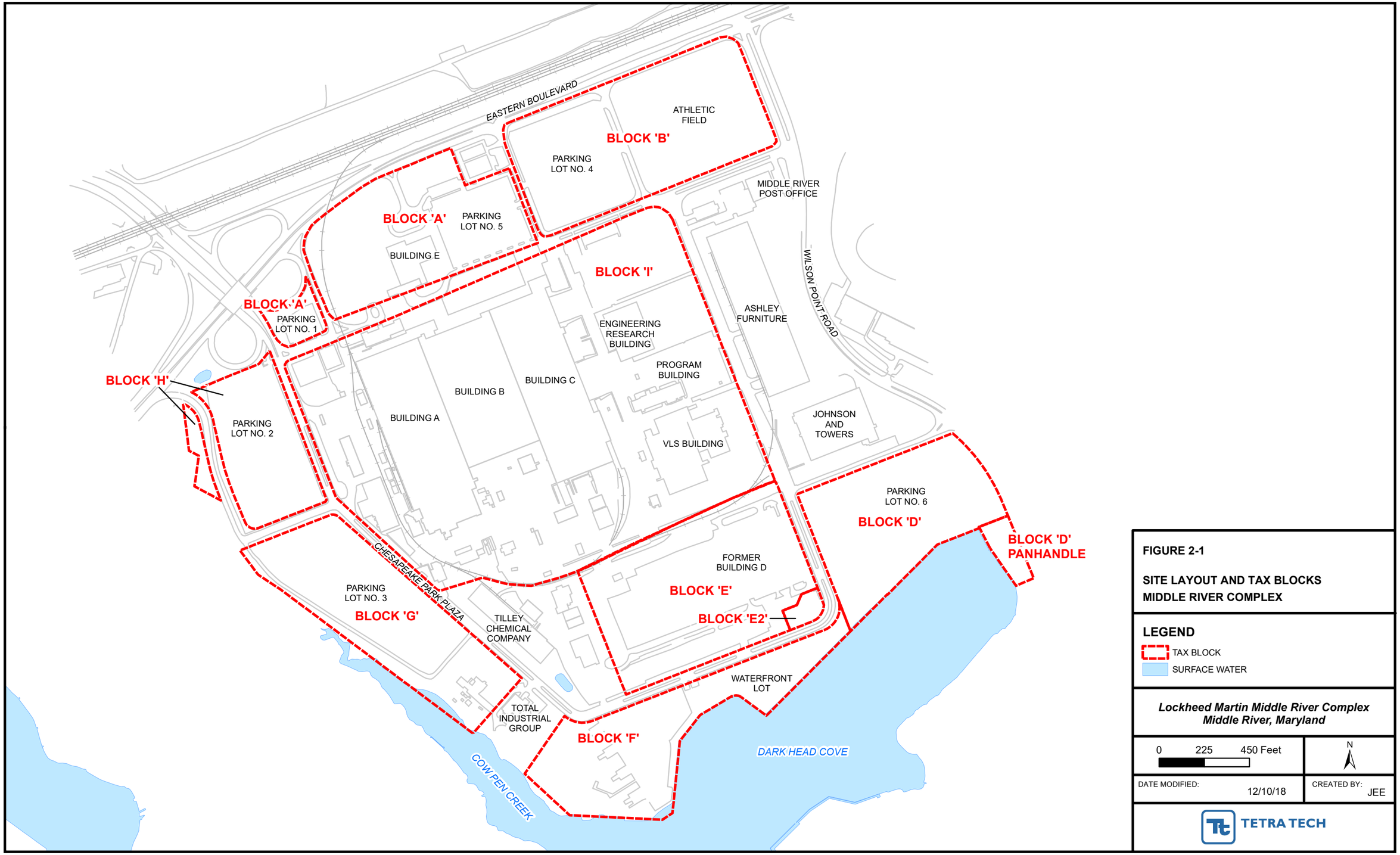

FIGURE 2-1

SITE LAYOUT AND TAX BLOCKS
MIDDLE RIVER COMPLEX

LEGEND

TAX BLOCK

SURFACE WATER

Lockheed Martin Middle River Complex
Middle River, Maryland

0 225 450 Feet

N

DATE MODIFIED: 12/10/18

CREATED BY: JEE

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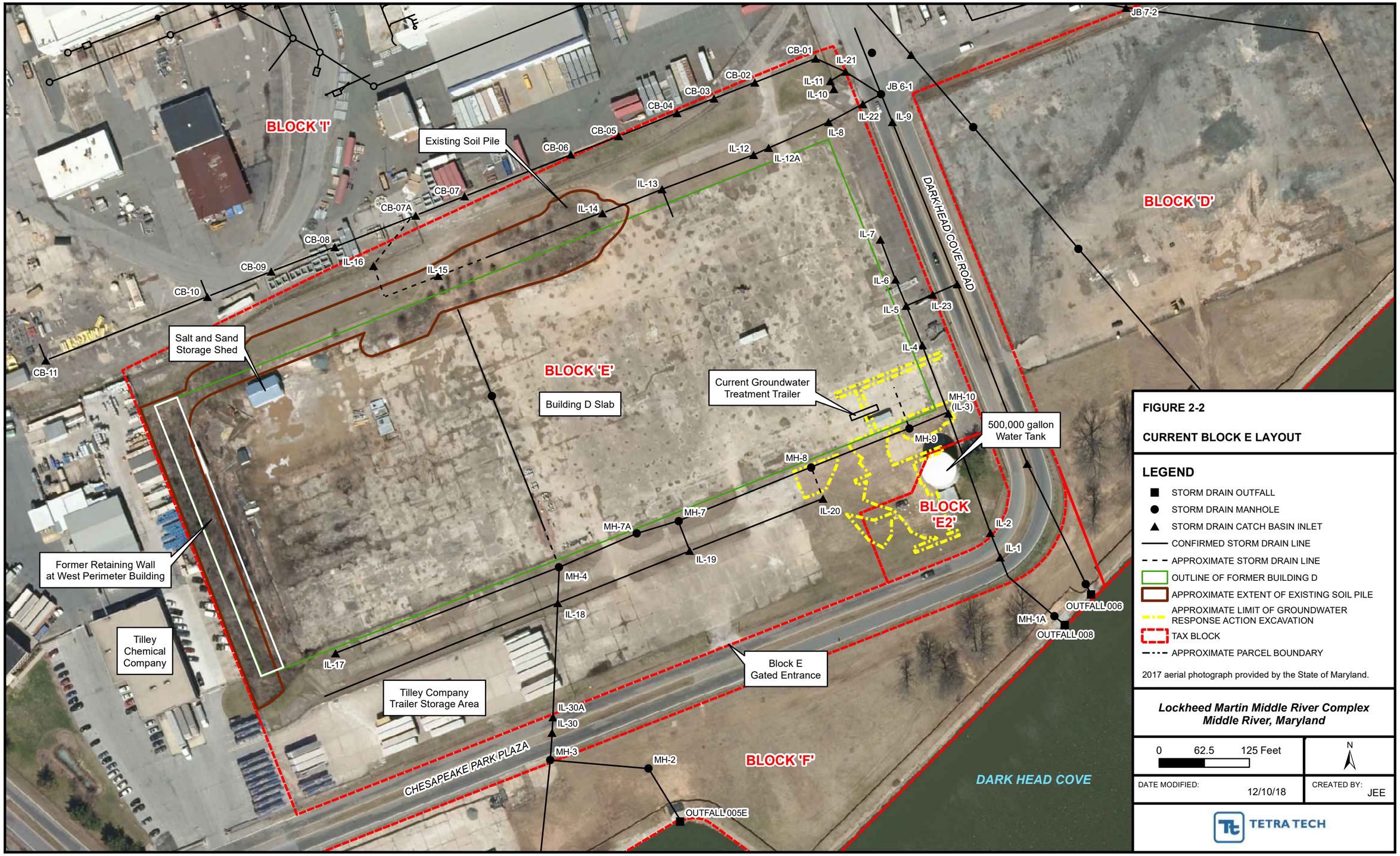

FIGURE 2-2

CURRENT BLOCK E LAYOUT

LEGEND

- STORM DRAIN OUTFALL
- STORM DRAIN MANHOLE
- STORM DRAIN CATCH BASIN INLET
- CONFIRMED STORM DRAIN LINE
- APPROXIMATE STORM DRAIN LINE
- OUTLINE OF FORMER BUILDING D
- APPROXIMATE EXTENT OF EXISTING SOIL PILE
- APPROXIMATE LIMIT OF GROUNDWATER RESPONSE ACTION EXCAVATION
- TAX BLOCK
- APPROXIMATE PARCEL BOUNDARY

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 62.5 125 Feet

N

DATE MODIFIED: 12/10/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_subareas_apr2018.mxd)
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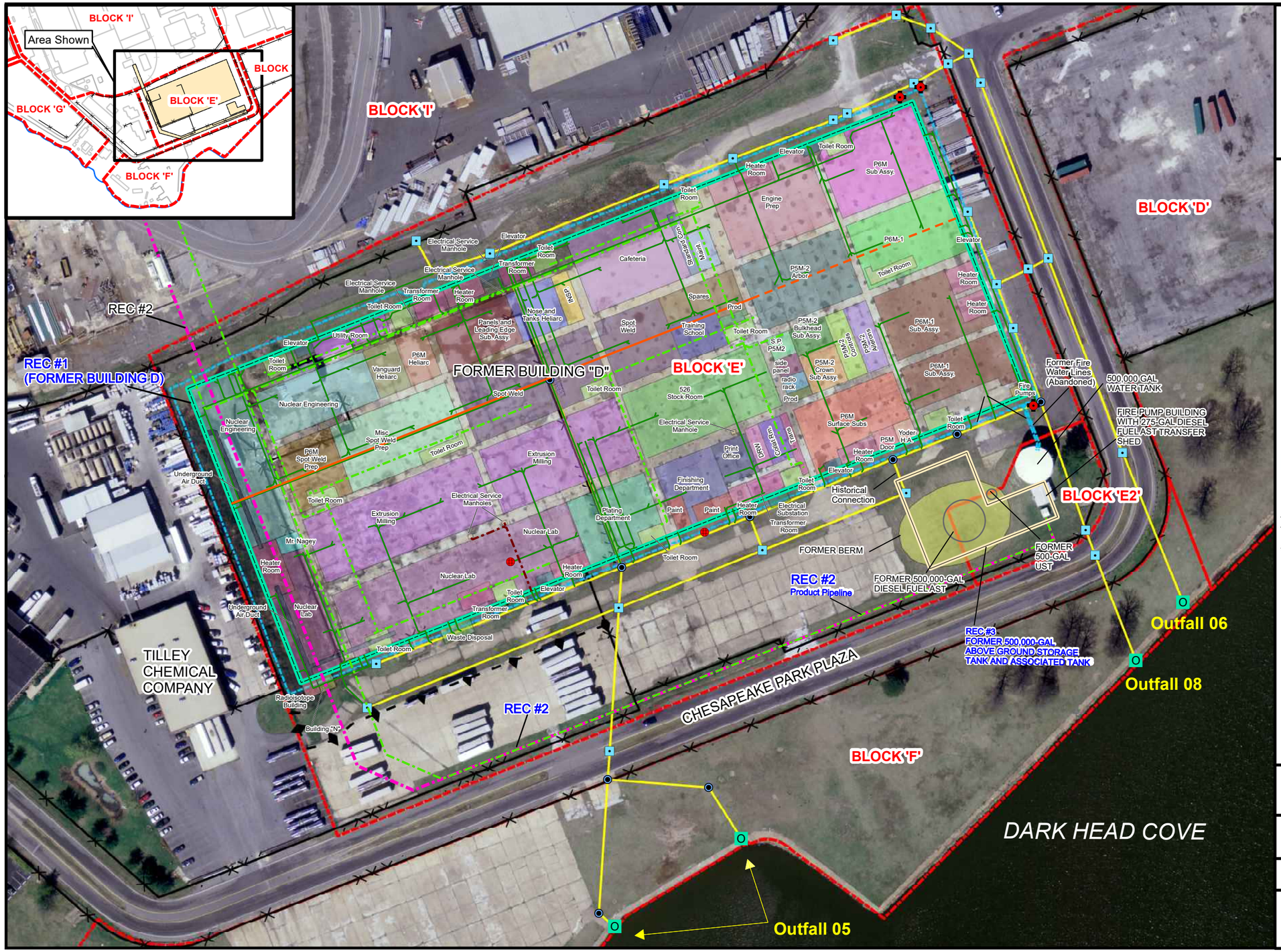


FIGURE 2-3

FACTORY LAYOUT OF FORMER D BUILDING BASEMENT

(Source date: January 1957)

LEGEND

- UNDERGROUND SANITARY SEWER *
- REC #2 - PRODUCT PIPELINE*
- SUMP DRAIN *
- UNDERGROUND AIR SEPARATOR DRIP WASTE *
- UNDERGROUND AIR SEPARATOR DRIP WASTE (INFERRED FROM DRAWING) *
- HYDRANT
- STORMWATER INLET
- ELECTRIC MANHOLE
- MHSD (MANHOLE)
- STORMWATER OUTFALL
- DRAIN CLEANOUTS *
- DRAIN LINES *
- REC #1 - BUILDING D (FORMER)
- FIRE WATER LINE *
- STORM SEWER
- EXISTING FENCE
- NEW FENCE - OCTOBER 2011
- PARCELS

UST = UNDERGROUND STORAGE TANK
AST = ABOVE GROUND STORAGE TANK
REC = RECOGNIZED ENVIRONMENTAL CONCERN

* Obtained from historical plans and drawings

Lockheed Martin Middle River Complex
Middle River, Maryland

0 65 130 Feet

N

DATE MODIFIED: 3/15/13

CREATED BY: MP

TETRA TECH

Map Document: (P:\Germantown GIS\Middle_River\Maps\Proposed DPT\Block E Utilities and Historical Operation Areas_revised 3 15 13 Import.mxd)
Last Saved 12/10/18



FIGURE 2-4

HISTORICAL TAX BLOCK E FEATURES

LEGEND

- STORM DRAIN OUTFALL
- STORM DRAIN MANHOLE
- STORM DRAIN CATCH BASIN INLET
- CONFIRMED STORM DRAIN LINE
- APPROXIMATE STORM DRAIN LINE
- APPROXIMATE LOCATION OF HISTORIC FIRE WATER LINE
- PRE-1950 SHORELINE
- HISTORIC OPERATIONAL AREA
- FORMER TRANSFORMER ROOM
- APPROXIMATE LOCATION OF RECOGNIZED ENVIRONMENTAL CONDITION (REC)
- OUTLINE OF FORMER BUILDING D
- TAX BLOCK

AST = Abovegrond storage tank.
UST = Undergrond storage tank.
2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

DATE MODIFIED: 12/12/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_features_apr2018.mxd)
12/12/18 -- JEE

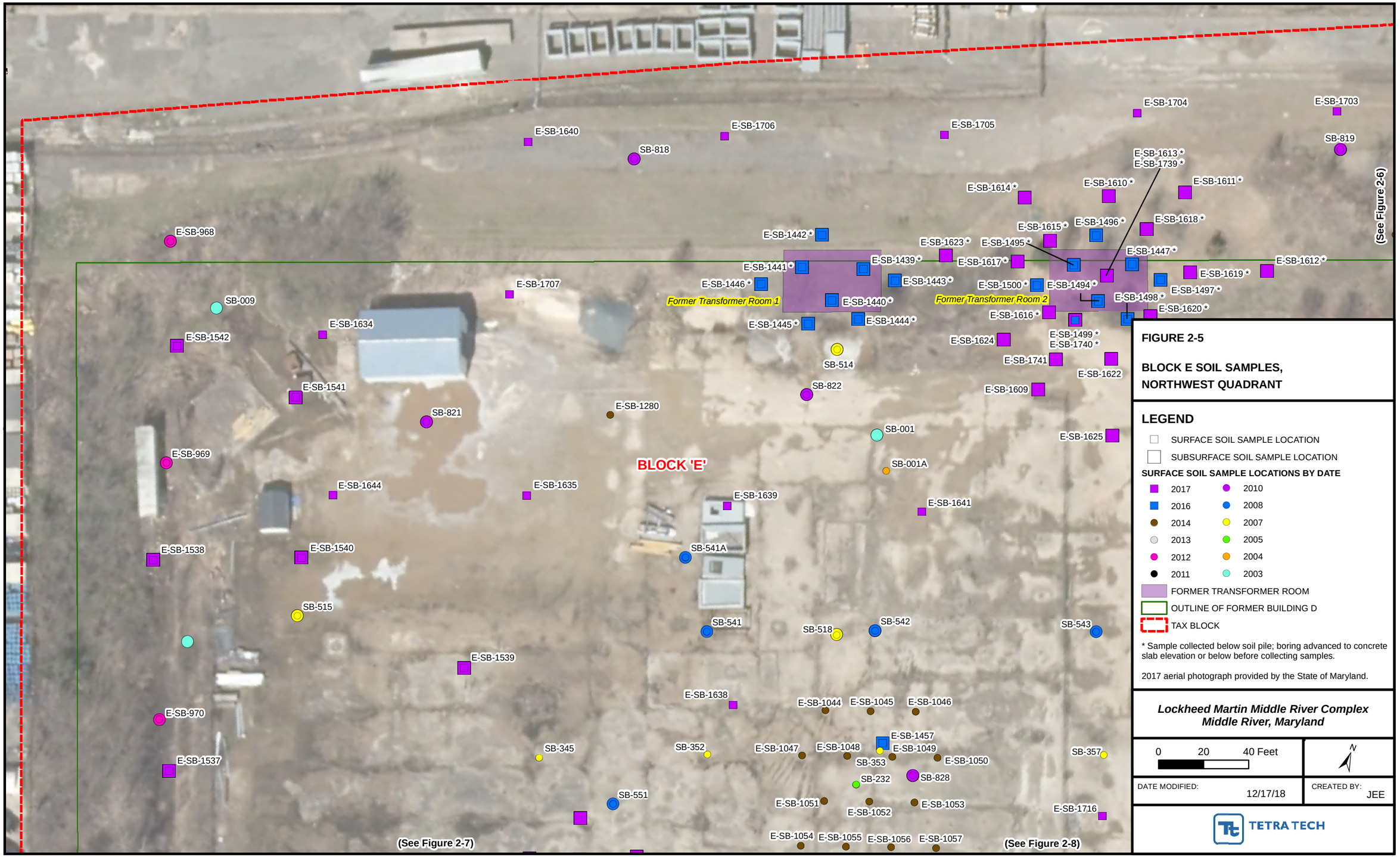


FIGURE 2-5

BLOCK E SOIL SAMPLES, NORTHWEST QUADRANT

LEGEND

- SURFACE SOIL SAMPLE LOCATION
- SUBSURFACE SOIL SAMPLE LOCATION

SURFACE SOIL SAMPLE LOCATIONS BY DATE

2017	2010
2016	2008
2014	2007
2013	2005
2012	2004
2011	2003

- FORMER TRANSFORMER ROOM
- OUTLINE OF FORMER BUILDING D
- TAX BLOCK

* Sample collected below soil pile; boring advanced to concrete slab elevation or below before collecting samples.

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

DATE MODIFIED: 12/17/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_samplocs_2004_2017_all_nw.mxd)
12/17/18 -- JEE

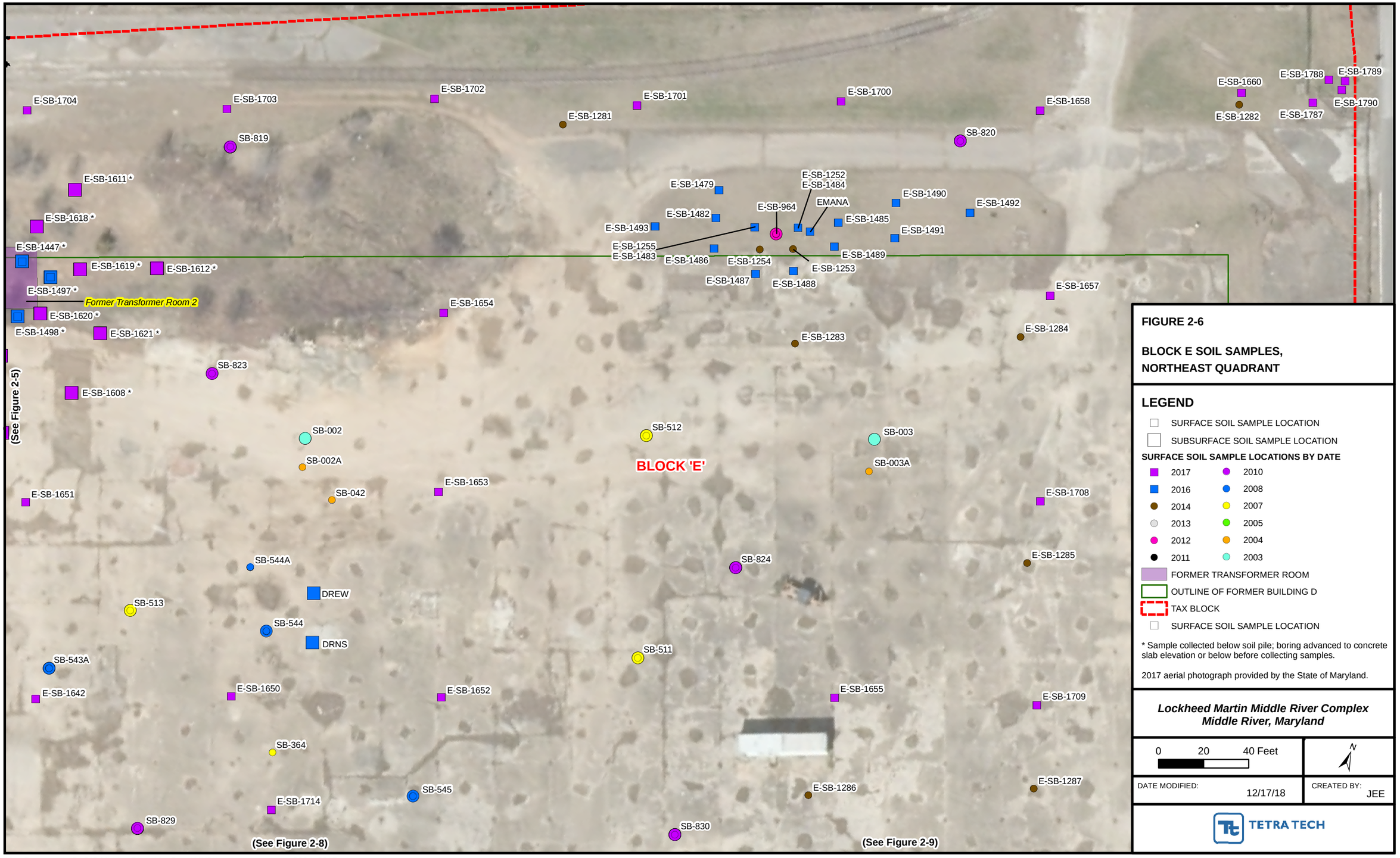


FIGURE 2-6

BLOCK E SOIL SAMPLES, NORTHEAST QUADRANT

LEGEND

- SURFACE SOIL SAMPLE LOCATION
- SUBSURFACE SOIL SAMPLE LOCATION

SURFACE SOIL SAMPLE LOCATIONS BY DATE

2017	2010
2016	2008
2014	2007
2013	2005
2012	2004
2011	2003

- FORMER TRANSFORMER ROOM
- OUTLINE OF FORMER BUILDING D
- TAX BLOCK
- SURFACE SOIL SAMPLE LOCATION

* Sample collected below soil pile; boring advanced to concrete slab elevation or below before collecting samples.

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

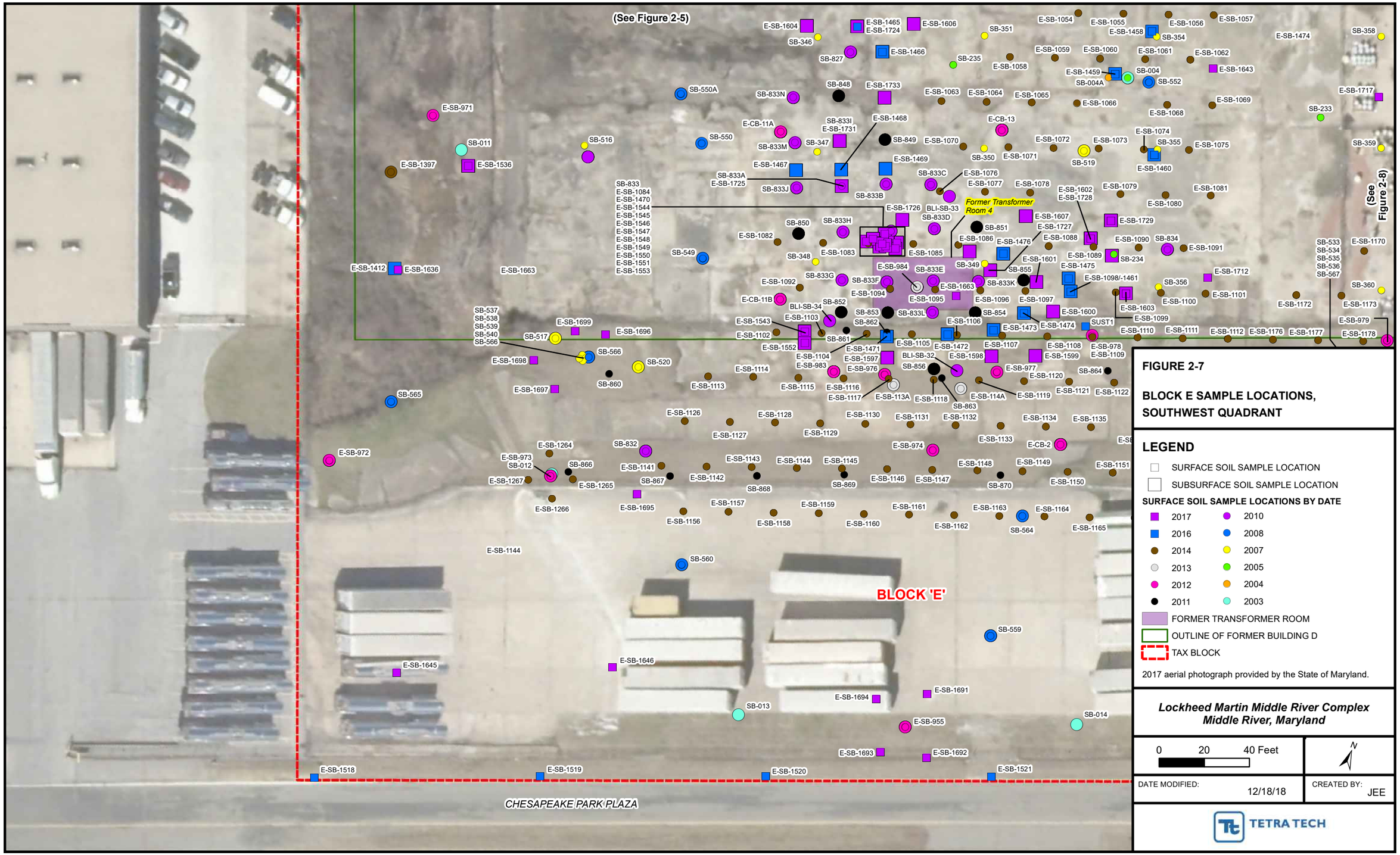
N

DATE MODIFIED: 12/17/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_samplocs_2004_2017_all_ne.mxd)
12/17/18 -- JEE



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12/18/18 -- JEE

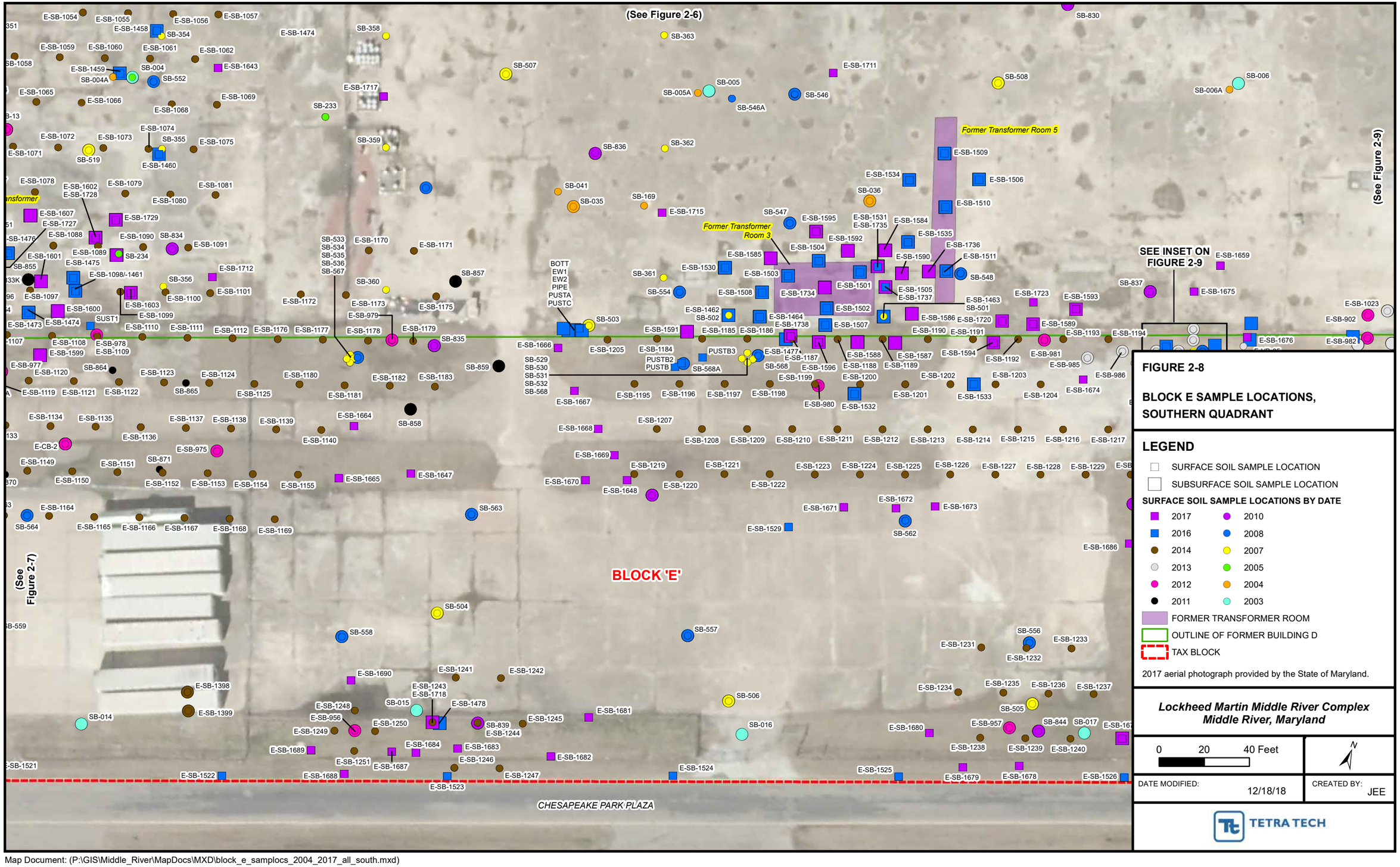

FIGURE 2-8

BLOCK E SAMPLE LOCATIONS, SOUTHERN QUADRANT

LEGEND

- SURFACE SOIL SAMPLE LOCATION
- SUBSURFACE SOIL SAMPLE LOCATION

SURFACE SOIL SAMPLE LOCATIONS BY DATE

2017	2010
2016	2008
2014	2007
2013	2005
2012	2004
2011	2003

- FORMER TRANSFORMER ROOM
- OUTLINE OF FORMER BUILDING D
- TAX BLOCK

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

N

DATE MODIFIED: 12/18/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_samplocs_2004_2017_all_south.mxd)
12/18/18 -- JEE

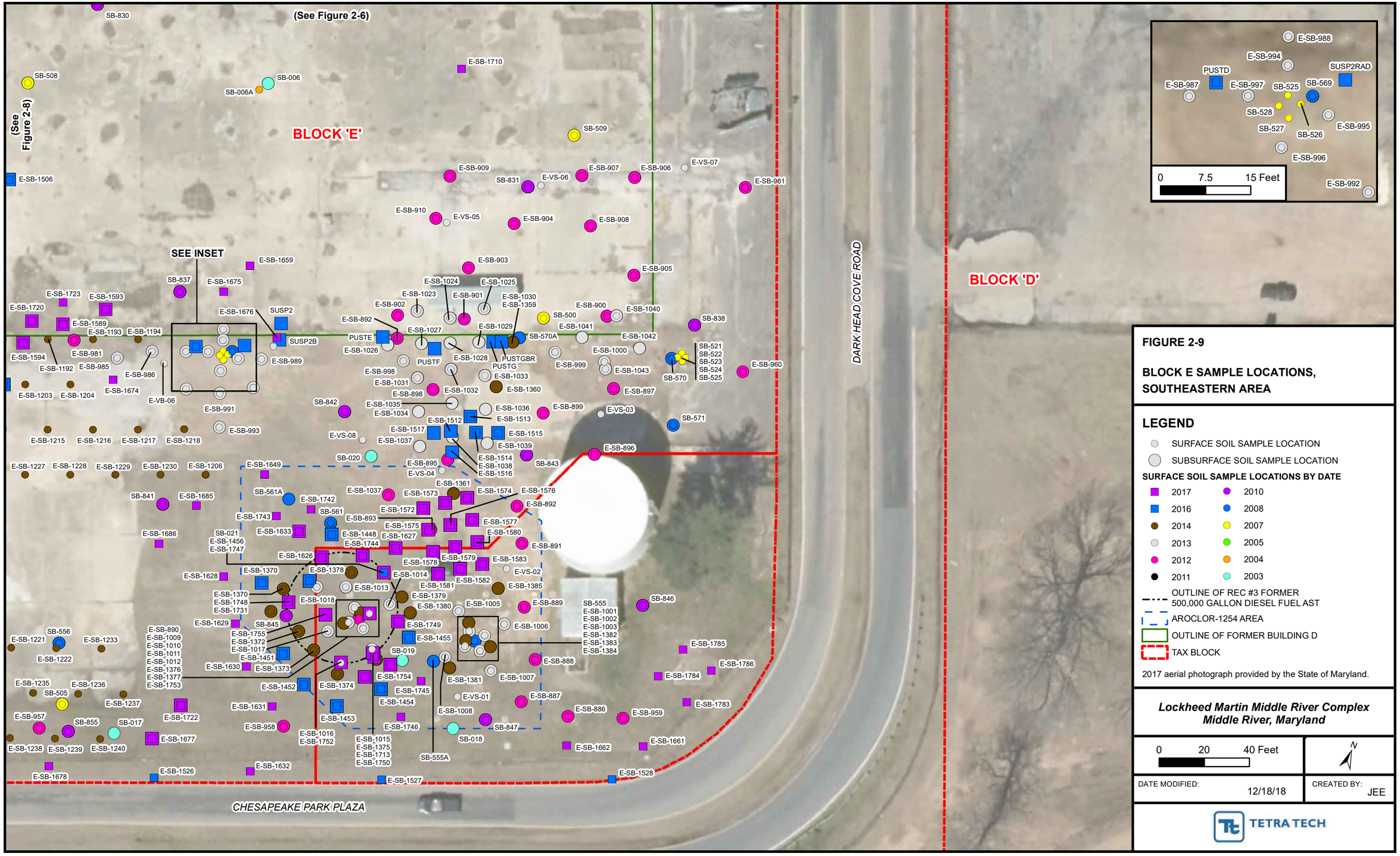

FIGURE 2-9

BLOCK E SAMPLE LOCATIONS, SOUTHEASTERN AREA

LEGEND

- SURFACE SOIL SAMPLE LOCATION
- SUBSURFACE SOIL SAMPLE LOCATION

SURFACE SOIL SAMPLE LOCATIONS BY DATE

2017	2010
2016	2008
2014	2007
2013	2005
2012	2004
2011	2003

- OUTLINE OF REC #3 FORMER 500,000 GALLON DIESEL FUEL AST
- AROCLOR-1254 AREA
- OUTLINE OF FORMER BUILDING D
- TAX BLOCK

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

N

DATE MODIFIED: 12/18/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_samplocs_2004_2017_all_se.mxd)
12/18/18 -- JEE

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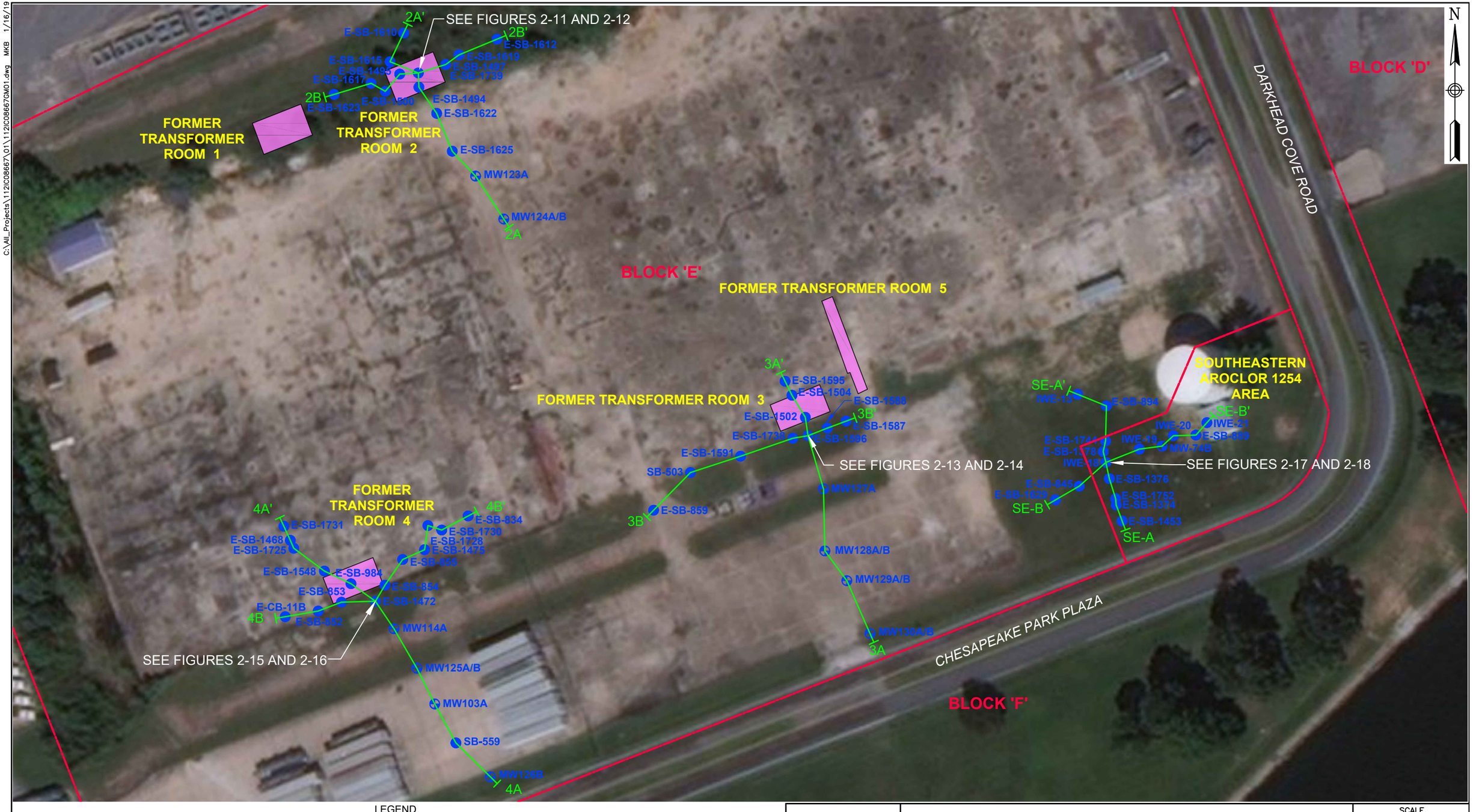

LEGEND

- SOIL BORING LOCATION
- MONITORING WELL LOCATION
- 3A' CROSS SECTION LOCATION
- TRANSFORMER

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

0 80 160

SCALE IN FEET

TETRA TECH

CROSS–SECTION LOCATION MAP
FORMER BUILDING D, TRANSFORMER ROOMS
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

SCALE	AS NOTED
FILE	112IC08667GM01
REV	0
DATE	1/16/19
FIGURE NUMBER	FIGURE 2–10

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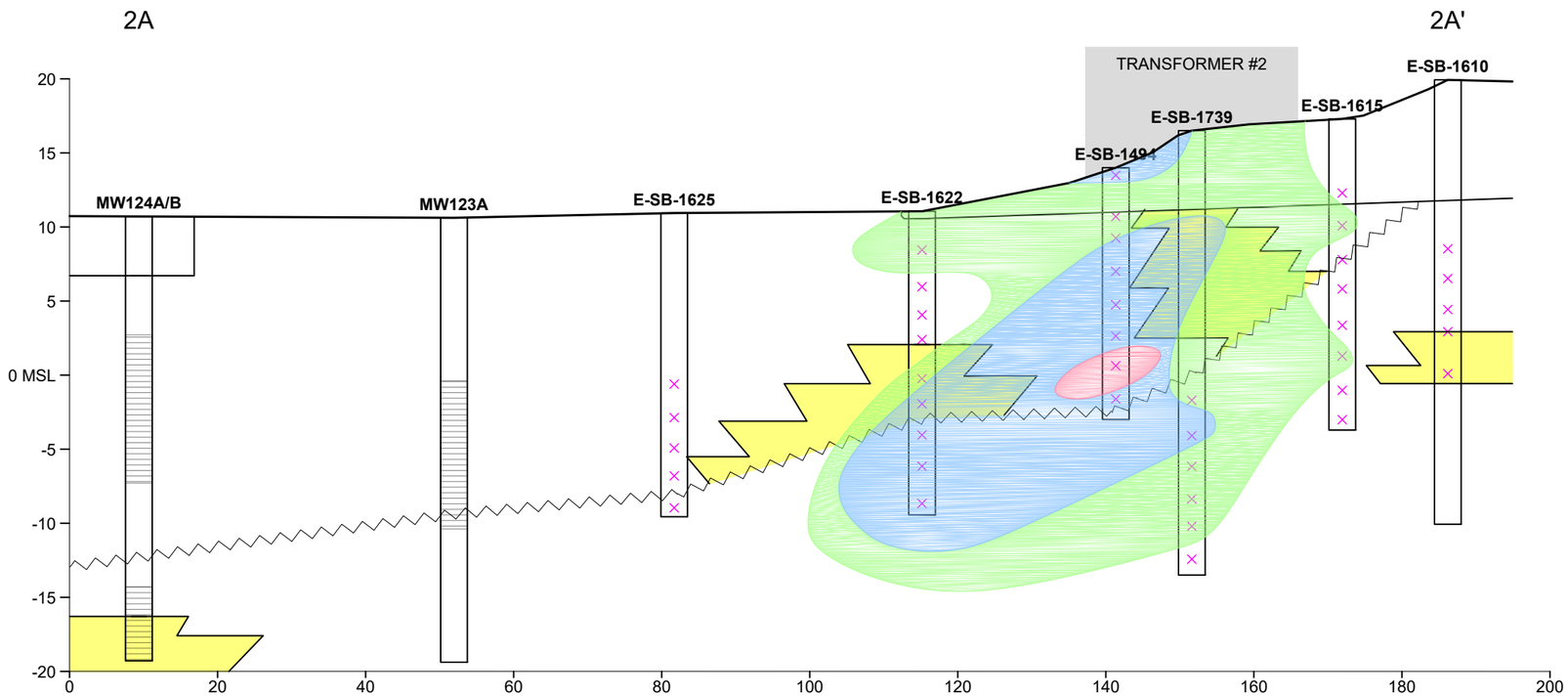

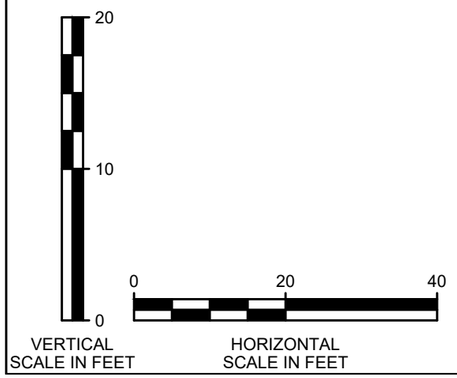

LEGEND

- SAMPLE LOCATION
- SCREEN INTERVAL
- SEQUENCE BOUNDARY
- SAND
- SILTS AND CLAYS
- TOTAL AROCLOR 10^0 TO 10^2 µg/kg
- TOTAL AROCLOR 10^3 TO 10^4 µg/kg
- TOTAL AROCLOR 10^5 TO 10^6 µg/kg

TETRA TECH

CROSS–SECTION 2A – 2A'
FORMER BUILDING D, TRANSFORMER ROOM #2
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

SCALE	AS NOTED
FILE	112IC08667CS05
REV	0
DATE	1/16/19
FIGURE NUMBER	FIGURE 2–11

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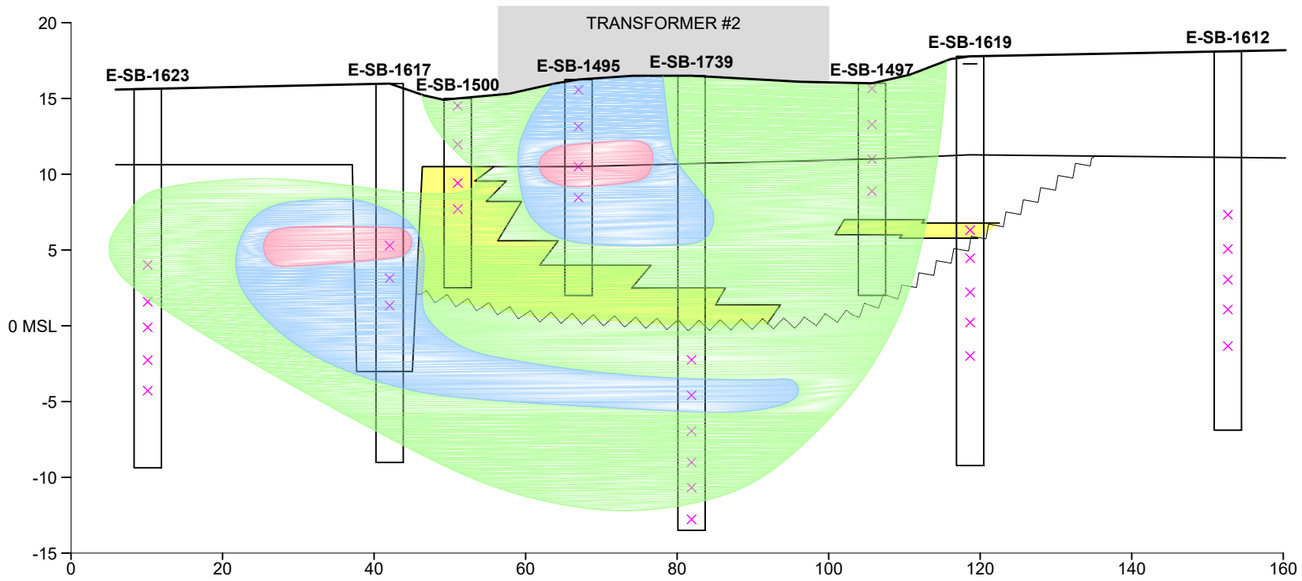
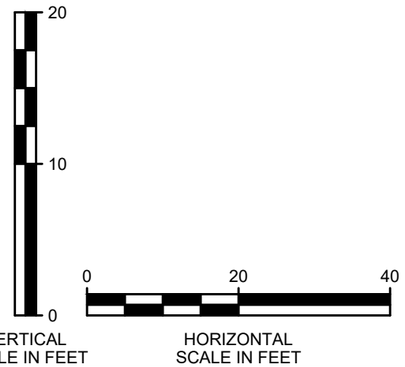
2B

2B'

TRANSFORMER

TRANSFORMER #2





LEGEND

- SAMPLE LOCATION
- SCREEN INTERVAL
- SEQUENCE BOUNDARY WITH COMMON BASAL GRAVEL
- SAND
- SILTS AND CLAYS
- TOTAL AROCLOR 10^0 TO 10^2 µg/kg
- TOTAL AROCLOR 10^3 TO 10^4 µg/kg
- TOTAL AROCLOR 10^5 TO 10^6 µg/kg

TETRA TECH

CROSS–SECTION 2B – 2B'
FORMER BUILDING D, TRANSFORMER ROOM #2
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

SCALE	AS NOTED
FILE	112IC08667CS05
REV	0
DATE	1/16/19
FIGURE NUMBER	FIGURE 2–12

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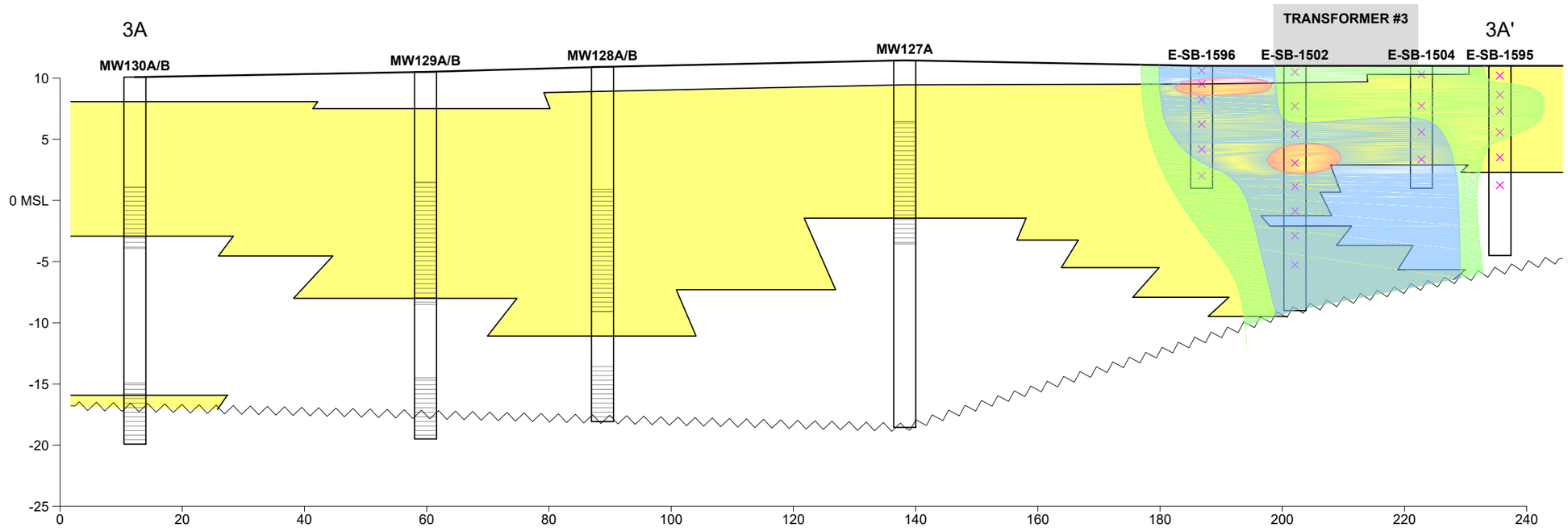

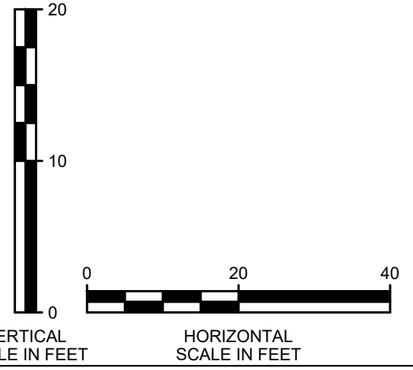

LEGEND

- SAMPLE LOCATION
- SCREEN INTERVAL
- SEQUENCE BOUNDARY
- SAND
- SILTS AND CLAYS
- TOTAL AROCLOR 10^0 TO 10^2 µg/kg
- TOTAL AROCLOR 10^3 TO 10^4 µg/kg
- TOTAL AROCLOR 10^5 TO 10^6 µg/kg

TETRA TECH

CROSS–SECTION 3A – 3A'
FORMER BUILDING D, TRANSFORMER ROOM #3
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

SCALE	AS NOTED
FILE	112IC08667CS05
REV	0
DATE	1/16/19
FIGURE NUMBER	FIGURE 2–13

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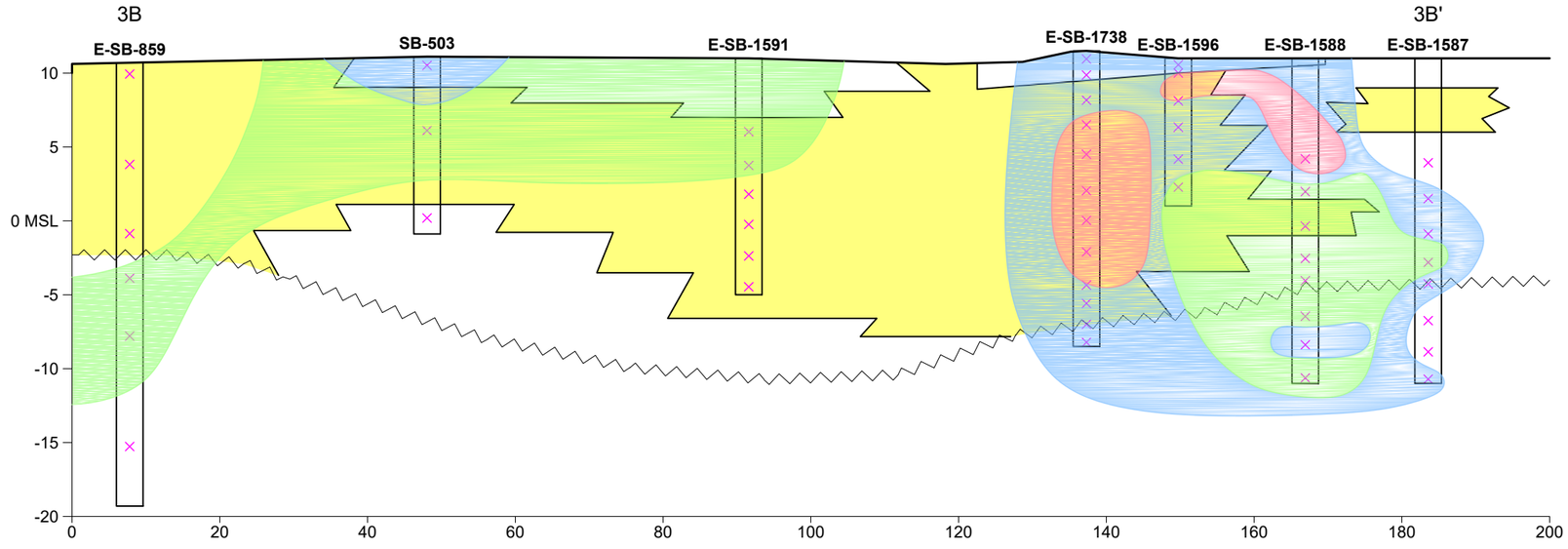

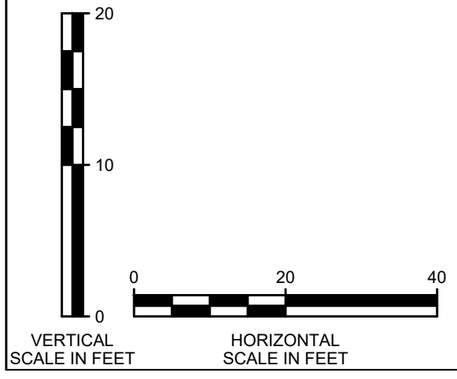

LEGEND

- SAMPLE LOCATION
- SCREEN INTERVAL
- SEQUENCE BOUNDARY
- SAND
- SILTS AND CLAYS
- TOTAL AROCLOR 10^0 TO 10^2 µg/kg
- TOTAL AROCLOR 10^3 TO 10^4 µg/kg
- TOTAL AROCLOR 10^5 TO 10^6 µg/kg

TETRA TECH

CROSS–SECTION 3B – 3B'
FORMER BUILDING D, TRANSFORMER ROOM #3
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

SCALE	AS NOTED
FILE	112IC08667CS05
REV	0
DATE	1/16/19
FIGURE NUMBER	FIGURE 2–14

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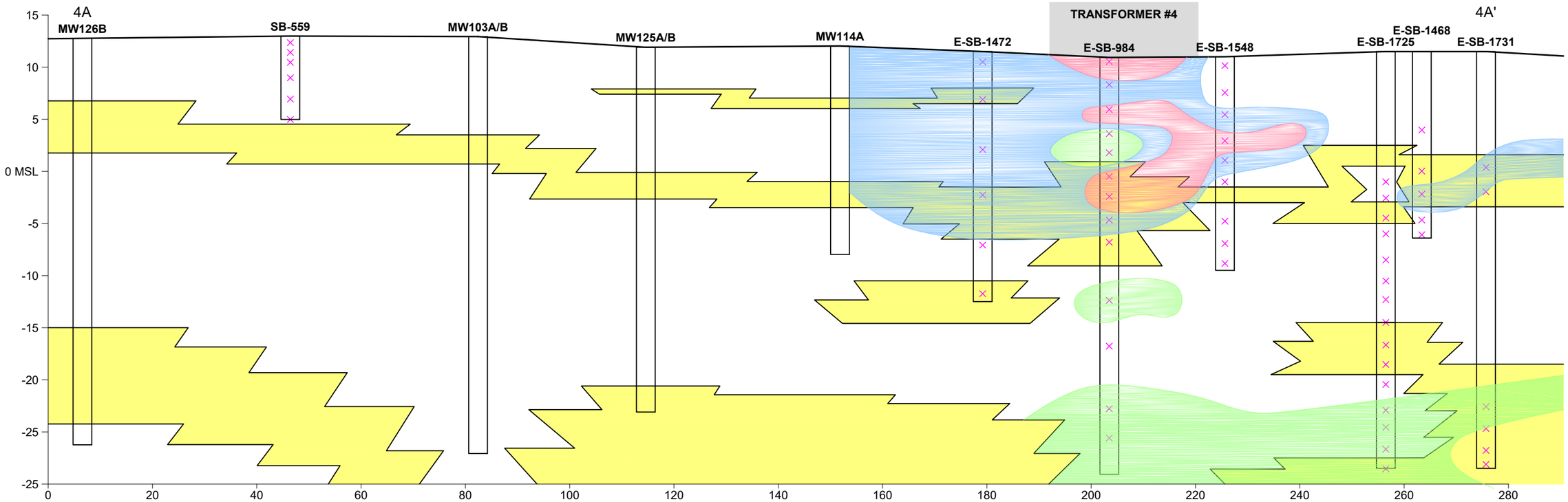

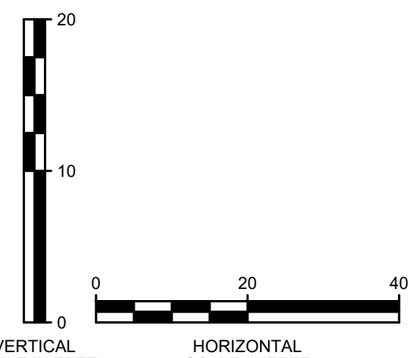

LEGEND

- SAMPLE LOCATION
- SCREEN INTERVAL
- SEQUENCE BOUNDARY
- SAND
- SILTS AND CLAYS
- TOTAL AROCLOR 10^0 TO 10^2 µg/kg
- TOTAL AROCLOR 10^3 TO 10^4 µg/kg
- TOTAL AROCLOR 10^5 TO 10^6 µg/kg

TETRA TECH

CROSS–SECTION 4A – 4A'
FORMER BUILDING D, TRANSFORMER ROOM #4
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

SCALE	AS NOTED
FILE	112IC08667CS05
REV	0
DATE	1/16/19
FIGURE NUMBER	FIGURE 2–15

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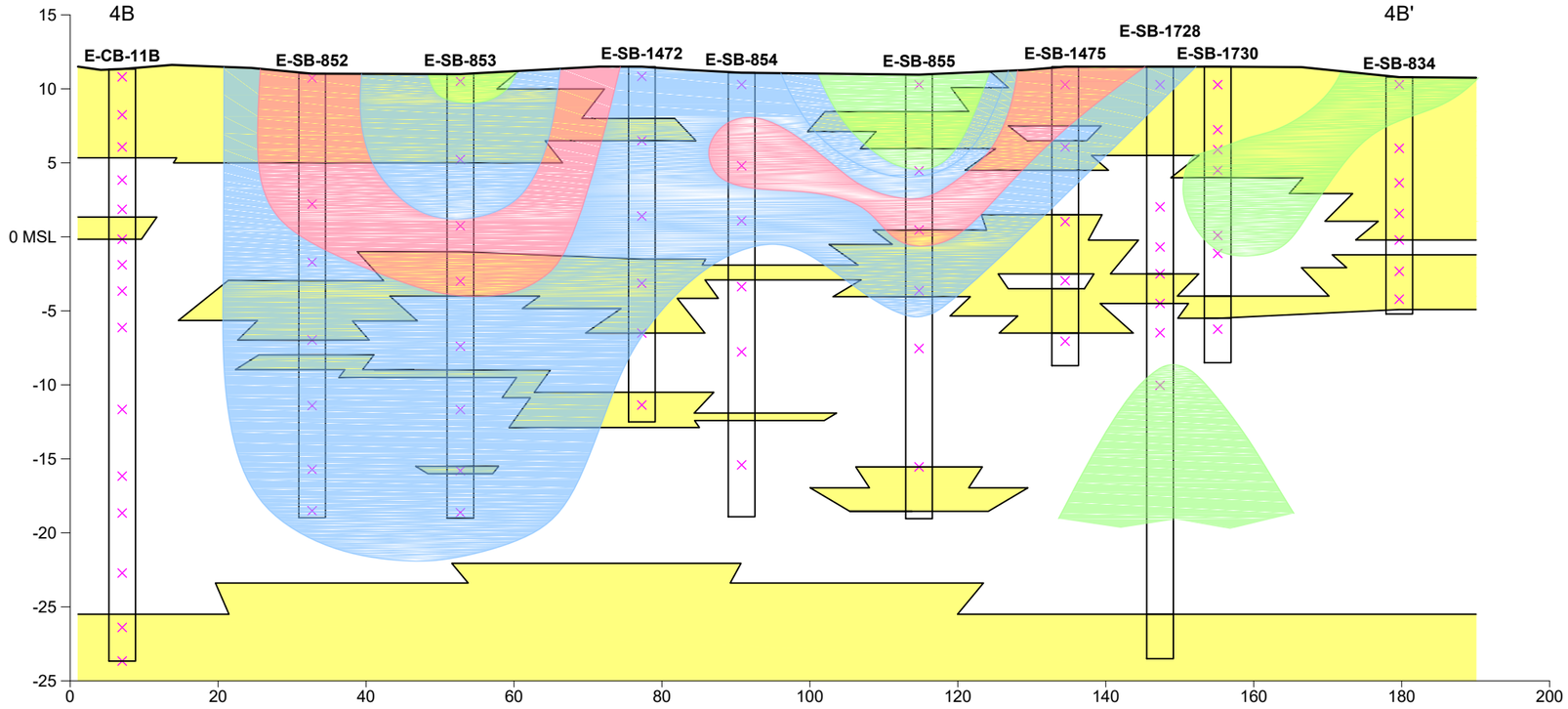

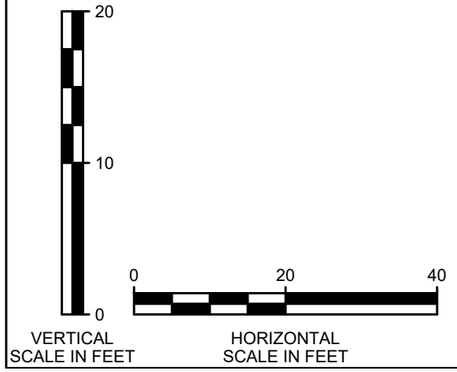

LEGEND

- SAMPLE LOCATION
- SCREEN INTERVAL
- SEQUENCE BOUNDARY
- SAND
- SILTS AND CLAYS
- TOTAL AROCLOR 10^0 TO 10^2 µg/kg
- TOTAL AROCLOR 10^3 TO 10^4 µg/kg
- TOTAL AROCLOR 10^5 TO 10^6 µg/kg

TETRA TECH

CROSS–SECTION 4B – 4B'
FORMER BUILDING D, TRANSFORMER ROOM #4
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

SCALE	AS NOTED
FILE	112IC08667CS05
REV	0
DATE	1/16/19
FIGURE NUMBER	FIGURE 2–16

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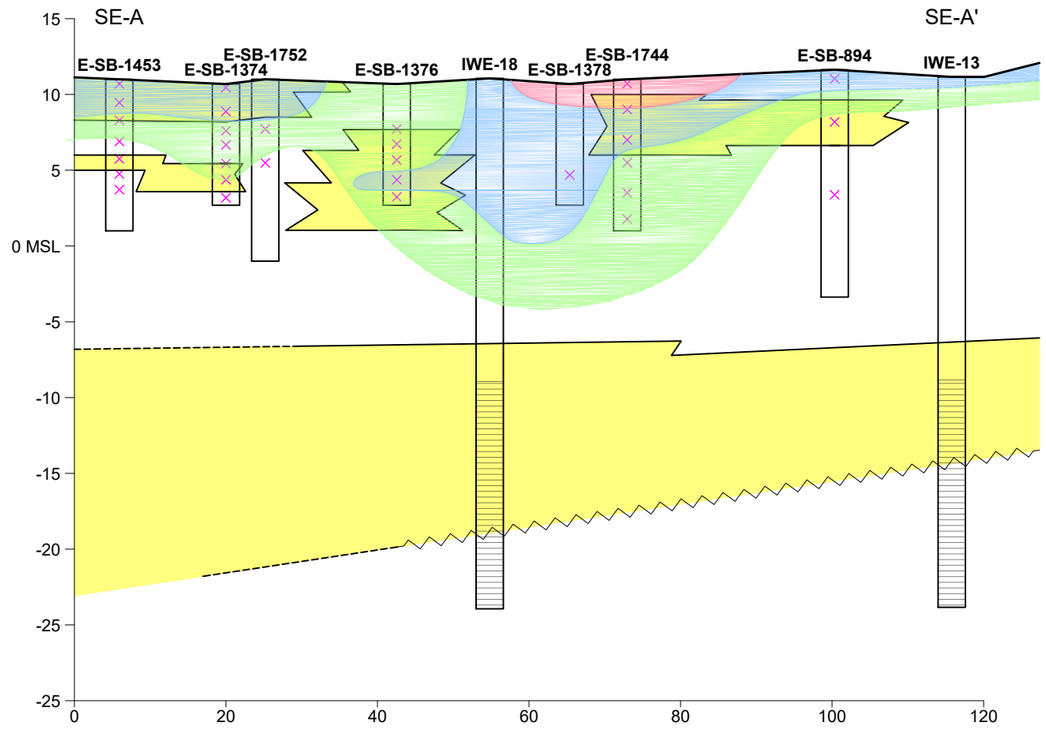

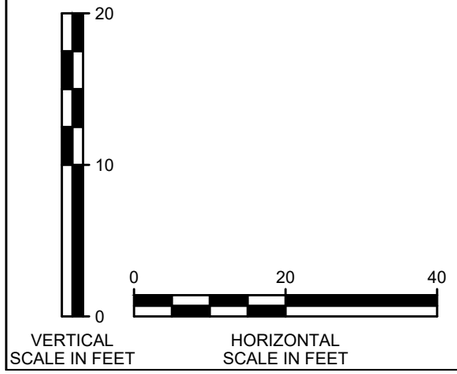

LEGEND

- SAMPLE LOCATION
- SCREEN INTERVAL
- SEQUENCE BOUNDARY
- SAND
- SILTS AND CLAYS
- TOTAL AROCLOR 10^0 TO 10^2 µg/kg
- TOTAL AROCLOR 10^3 TO 10^4 µg/kg
- TOTAL AROCLOR 10^5 TO 10^6 µg/kg

TETRA TECH

CROSS–SECTION SE–A – SE–A'
AROCLOR 1254 AREA
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

SCALE	AS NOTED
FILE	112IC08667CS05
REV	0
DATE	1/16/19
FIGURE NUMBER	FIGURE 2–17

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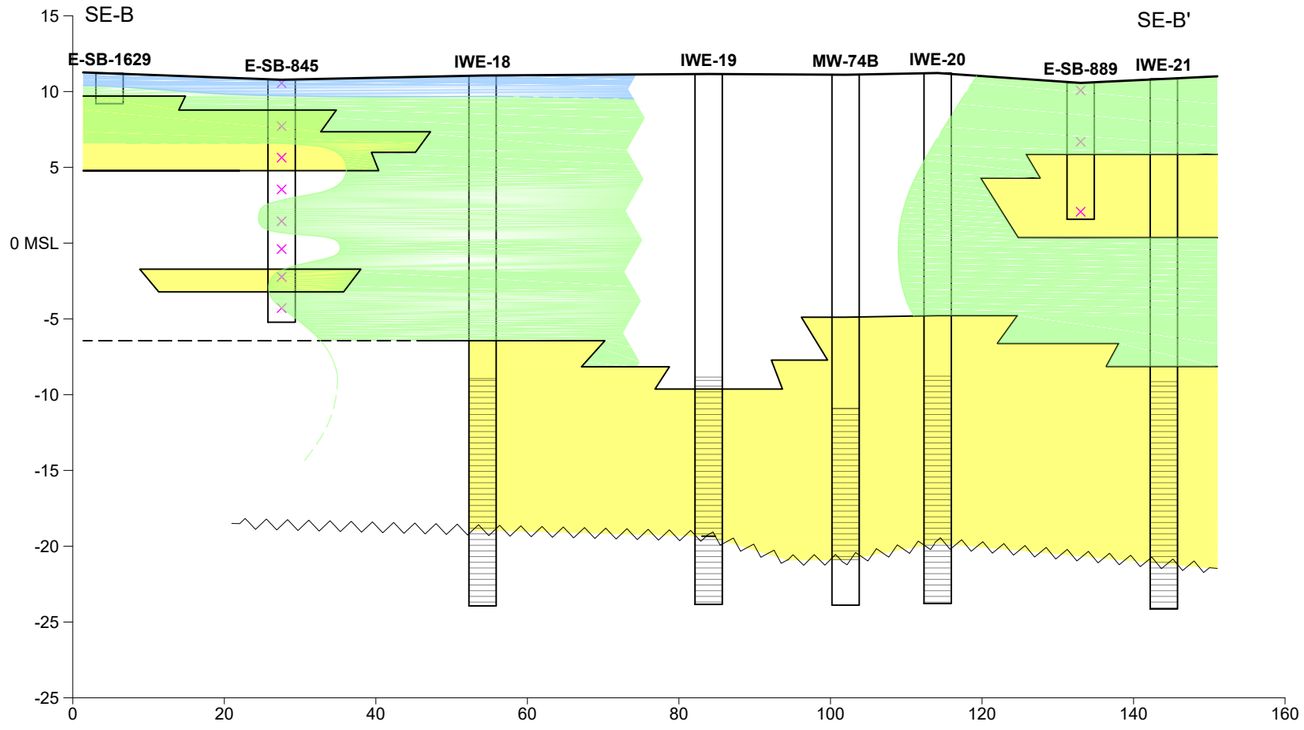

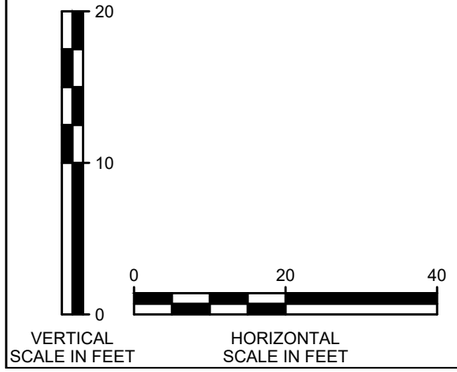

LEGEND

- SAMPLE LOCATION
- SCREEN INTERVAL
- SEQUENCE BOUNDARY
- SAND
- SILTS AND CLAYS
- TOTAL AROCLOR 10^0 TO 10^2 µg/kg
- TOTAL AROCLOR 10^3 TO 10^4 µg/kg
- TOTAL AROCLOR 10^5 TO 10^6 µg/kg

TETRA TECH

CROSS–SECTION SE–B – SE–B'
AROCLOR 1254 AREA
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

SCALE	AS NOTED
FILE	112IC08667CS05
REV	0
DATE	1/16/19
FIGURE NUMBER	FIGURE 2–18



FIGURE 2-19

GROUNDWATER MONITORING WELLS, BLOCK E

LEGEND

- MONITORING WELL
- TAX BLOCK

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 50 100 Feet

N

DATE MODIFIED: 12/10/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_mw_apr2018.mxd)
12/10/18 -- JEE

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NW

SE

MW-94D

MW-123A

MW-124A/B

BLOCK E

BLOCK F

MW-128A/B

MW-130A/B

MW-135A/B

MW-136A/B

"A'

"B"

"C"

DARK HEAD COVE

25
20
15
10
5
0 MSL
-5
-10
-15
-20
-25
-30
-35
-40
-45

0 50 100 150 200 250 300 350 400 450 500 550 600 650 700 750 800 850 900 950 1,000 1,050 1,100 1,150 1,200 1,250 1,300

20
10
0
VERTICAL SCALE IN FEET

0 100 200
HORIZONTAL SCALE IN FEET

LEGEND

SCREEN INTERVAL

SAND

SILTS & SANDS WITH CLAYS

CLAY

SEQUENCE BOUNDARY

SHALLOW AQUIFER GROUNDWATER TABLE

NOTE:
GROUNDWATER ELEVATIONS ARE BASED ON JANUARY 9, 2019 WATER LEVEL DATA.

TETRA TECH

GROUNDWATER AQUIFER SYSTEMS BLOCK E
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

SCALE
AS NOTED

FILE
112IC08667CS02

REV
0

DATE
1/17/19

FIGURE NUMBER
FIGURE 2–20



FIGURE 4-1

PCB EXCEEDANCES IN CONCRETE SAMPLES BLOCK E

LEGEND

- PCB EXCEEDANCE IN CONCRETE SAMPLE
- 2016 CONCRETE PCB SAMPLE LOCATION
- PRE-2015 CONCRETE PCB SAMPLE LOCATION
- PCB AND RADIONUCLIDE SAMPLE LOCATION
- OUTLINE OF FORMER BUILDING D
- TAX BLOCK

Only Total PCBs results exceeding TSCA special handling and disposal concentration of 50 mg/kg for total Aroclor are shown. 2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 50 100 Feet

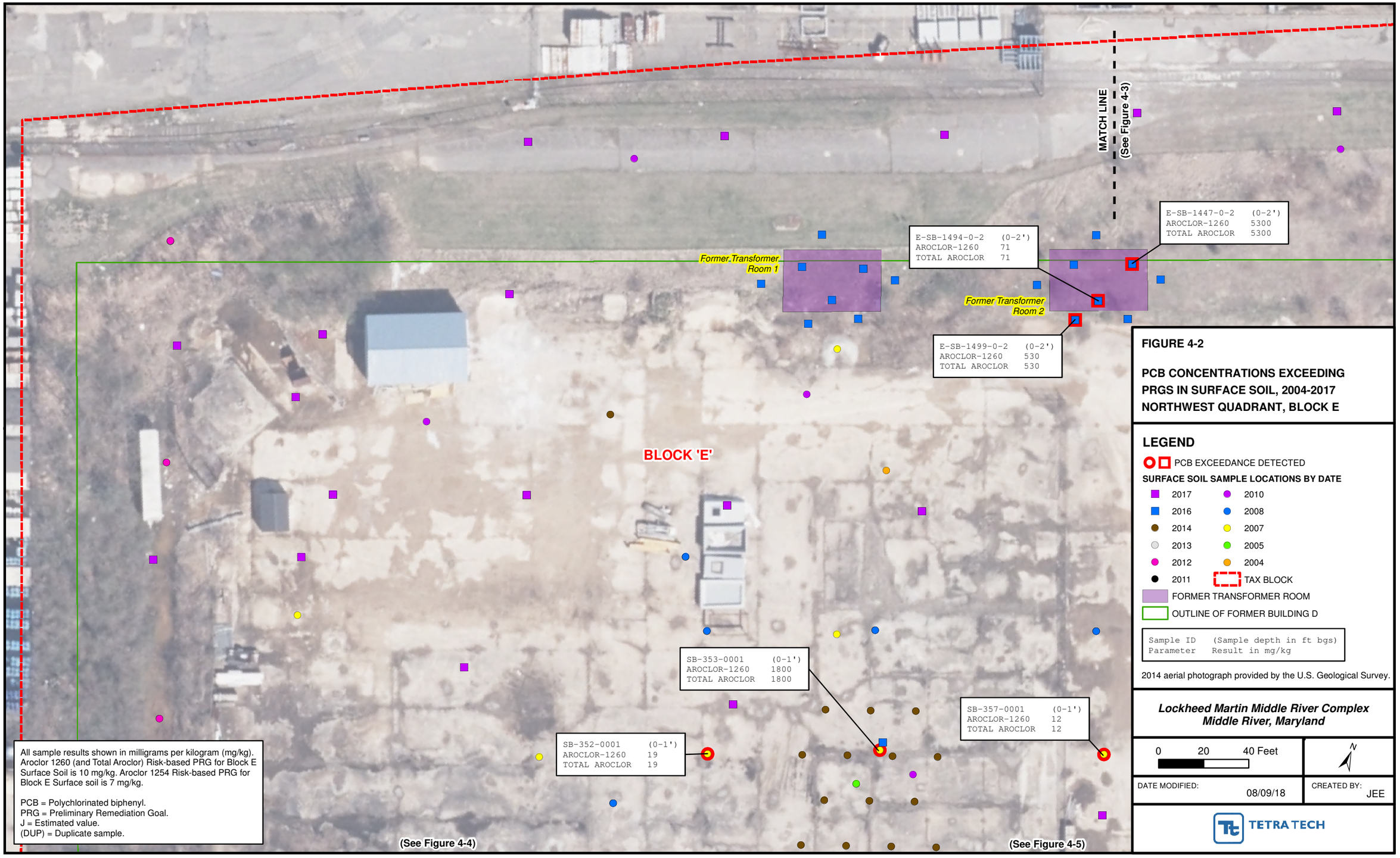
N

DATE MODIFIED: 12/13/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_concrete_exc_2004_2017.mxd)
12/13/18 -- JEE



All sample results shown in milligrams per kilogram (mg/kg). Aroclor 1260 (and Total Aroclor) Risk-based PRG for Block E Surface Soil is 10 mg/kg. Aroclor 1254 Risk-based PRG for Block E Surface soil is 7 mg/kg.

PCB = Polychlorinated biphenyl.
PRG = Preliminary Remediation Goal.
J = Estimated value.
(DUP) = Duplicate sample.

FIGURE 4-2

PCB CONCENTRATIONS EXCEEDING PRGS IN SURFACE SOIL, 2004-2017 NORTHWEST QUADRANT, BLOCK E

LEGEND

PCB EXCEEDANCE DETECTED

SURFACE SOIL SAMPLE LOCATIONS BY DATE

2017	2010
2016	2008
2014	2007
2013	2005
2012	2004
2011	TAX BLOCK

FORMER TRANSFORMER ROOM

OUTLINE OF FORMER BUILDING D

Sample ID (Sample depth in ft bgs)
Parameter Result in mg/kg

2014 aerial photograph provided by the U.S. Geological Survey.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

DATE MODIFIED: 08/09/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_pcb_exc_mar2018_ss_nw.mxd)
08/09/18 -- JEE

(Exceedances in Transformer Room 2 shown on Figure 4-2)

Former Transformer Room 2

BLOCK 'E'

MATCH LINE (See Figure 4-2)

All sample results shown in milligrams per kilogram (mg/kg). Aroclor 1260 (and Total Aroclor) Risk-based PRG for Block E Surface Soil is 10 mg/kg. Aroclor 1254 Risk-based PRG for Block E Surface soil is 7 mg/kg.

PCB = Polychlorinated biphenyl.
PRG = Preliminary Remediation Goal.
J = Estimated value.
(DUP) = Duplicate sample.

```
SB-364-0001      (0-1')
AROCLOR-1260     12
TOTAL AROCLOR    12
```

(See Figure 4-5)

(See Figure 4-6)

FIGURE 4-3

PCB CONCENTRATIONS EXCEEDING PRGS IN SURFACE SOIL, 2004-2017 NORTHEAST QUADRANT, BLOCK E

LEGEND

PCB EXCEEDANCE DETECTED

SURFACE SOIL SAMPLE LOCATIONS BY DATE

2017	2010
2016	2008
2014	2007
2013	2005
2012	2004
2011	

FORMER TRANSFORMER ROOM

OUTLINE OF FORMER BUILDING D

TAX BLOCK

```
Sample ID    (Sample depth in ft bgs)
Parameter    Result in mg/kg
```

2014 aerial photograph provided by the U.S. Geological Survey.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

N

DATE MODIFIED: 08/09/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_pcb_exc_mar2018_ss_ne.mxd)
08/09/18 -- JEE

(See Figure 4-2)

E-SB-833K-02 (2')
AROCLOR-1260 680
TOTAL AROCLOR 680

SB-351-0001 (0-1')
AROCLOR-1260 21
TOTAL AROCLOR 21

E-SB-1546-0-2 (0-2')
AROCLOR-1260 49 J
TOTAL AROCLOR 49
AROCLOR-1260 88 J (DUP)
TOTAL AROCLOR 88 (DUP)

E-SB-1086-0-1 (0-1')
AROCLOR-1260 90
TOTAL AROCLOR 90

SB-350-0001 (0-1')
AROCLOR-1260 55
TOTAL AROCLOR 55

SB-4A-SS (0-1')
AROCLOR-1260 180
TOTAL AROCLOR 180

E-SB-833F-02 (2')
AROCLOR-1260 25
TOTAL AROCLOR 25

E-SB-1547-0-2 (0-2')
AROCLOR-1260 750
TOTAL AROCLOR 750

SB-349-0001 (0-1')
AROCLOR-1260 24
TOTAL AROCLOR 24

E-SB-1475-0-2 (0-2')
AROCLOR-1260 1000
TOTAL AROCLOR 1000

E-SB-984-0.5-2 (0.5-2')
AROCLOR-1260 990
TOTAL AROCLOR 990

SB-348-0001 (0-1')
AROCLOR-1260 34
TOTAL AROCLOR 34

E-SB-1099-0-1 (0-1')
AROCLOR-1260 25
TOTAL AROCLOR 25.87
E-SB-1099-0-2 (1-2')
AROCLOR-1260 11
TOTAL AROCLOR 14.8

E-SB-833E-02 (2')
AROCLOR-1260 360
TOTAL AROCLOR 360

E-SB-852-01 (0-1')
AROCLOR-1260 3300
TOTAL AROCLOR 3300

E-SB-1603-0-1 (0-1')
AROCLOR-1260 12
TOTAL AROCLOR 12

E-SB-861-SB-0.0-0.5 (0-0.5')
AROCLOR-1260 400 J
TOTAL AROCLOR 400
AROCLOR-1260 680 J (DUP)
TOTAL AROCLOR 680 (DUP)

Former Transformer Room 4

E-SB-1104-0-1 (0-1')
AROCLOR-1260 11
TOTAL AROCLOR 11

E-SB-1098-0-1 (0-1')
AROCLOR-1260 37
TOTAL AROCLOR 37
E-SB-1098-1-2 (1-2')
AROCLOR-1260 550
TOTAL AROCLOR 550
E-SB-1461-0-2 (0-2')
AROCLOR-1260 4200
TOTAL AROCLOR 4200

SB-539-0001 (0-1')
AROCLOR-1260 18
TOTAL AROCLOR 18

E-SB-862-SB-0.0-0.5 (0-0.5')
AROCLOR-1260 880
TOTAL AROCLOR 880
E-SB-862-SB-0.5-2.0 (0.5-2')
AROCLOR-1260 18 K
TOTAL AROCLOR 18

E-SB-864-SB-0.0-0.5 (0-0.5')
AROCLOR-1260 1100
TOTAL AROCLOR 1100

E-SB-976-0-0.5 (0-0.5')
AROCLOR-1260 35
TOTAL AROCLOR 35

E-SB-1151-0-1 (0-1')
AROCLOR-1260 200
TOTAL AROCLOR 200

E-SB-1472-0-2 (0-2')
AROCLOR-1260 94
TOTAL AROCLOR 94

E-SB-113A-0-0.5 (0-0.5')
AROCLOR-1260 12
TOTAL AROCLOR 12

E-SB-977-0-0.5 (0-0.5')
AROCLOR-1260 27
TOTAL AROCLOR 27

E-SB-978-0-0.5 (0-0.5')
AROCLOR-1260 97
TOTAL AROCLOR 136
E-SB-978-0.5-2 (0.5-2')
AROCLOR-1260 16
TOTAL AROCLOR 16
E-SB-1109 (0-1')
AROCLOR-1260 290
TOTAL AROCLOR 290

E-SB-1107-0-1 (0-1')
AROCLOR-1260 140
TOTAL AROCLOR 140

E-SB-1148-0-1 (0-1')
AROCLOR-1260 280
TOTAL AROCLOR 280

E-SB-114A-0-0.5 (0-0.5')
AROCLOR-1260 21
TOTAL AROCLOR 21

E-SB-870-SB-0.0-0.5 (0-0.5')
AROCLOR-1260 480 K
TOTAL AROCLOR 480

E-SB-974-0-0.5 (0-0.5')
AROCLOR-1260 320
TOTAL AROCLOR 320

SUST1-022916 (1.5')
AROCLOR-1260 150
TOTAL AROCLOR 150

E-SB-1147-0-1 (0-1')
AROCLOR-1260 35
TOTAL AROCLOR 35

E-SB-1149-0-1 (0-1')
AROCLOR-1260 55
TOTAL AROCLOR 55

E-SB-868-SB-0.0-0.5 (0-0.5')
AROCLOR-1260 110 J
TOTAL AROCLOR 110
AROCLOR-1260 450 J (DUP)
TOTAL AROCLOR 450 (DUP)

E-SB-869-SB-0.0-0.5 (0-0.5')
AROCLOR-1260 170
TOTAL AROCLOR 170

BLOCK 'E'

CHESAPEAKE PARK PLAZA

(See Figure 4-5)

FIGURE 4-4

PCB CONCENTRATIONS EXCEEDING PRGS IN SURFACE SOIL, 2004-2017 SOUTHWEST QUADRANT, BLOCK E

LEGEND

PCB EXCEEDANCE DETECTED

SURFACE SAMPLE LOCATIONS BY YEAR

- 2017
- 2016
- 2014
- 2013
- 2012
- 2011
- 2010
- 2008
- 2007
- 2005
- 2004

FORMER TRANSFORMER ROOM

OUTLINE OF FORMER BUILDING D

TAX BLOCK

Sample ID (Sample depth in ft bgs)
Parameter Result in mg/kg

All sample results shown in milligrams per kilogram (mg/kg).
All sample locations are plotted; however, some without exceedances may be obscured for illustrative purposes.
Aroclor 1260 (and Total Aroclor) Risk-based PRG for Block E Surface Soil is 10 mg/kg. Aroclor 1254 Risk-based PRG for Block E Surface soil is 7 mg/kg.
PCB = Polychlorinated biphenyl.
PRG = Preliminary Remediation Goal.
J = Estimated value.
(DUP) = Duplicate sample.
2014 aerial photograph provided by the U.S. Geological Survey.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

N

DATE MODIFIED: 06/21/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_pcb_exc_mar2018_ss_sw.mxd)
06/21/18 -- JEE

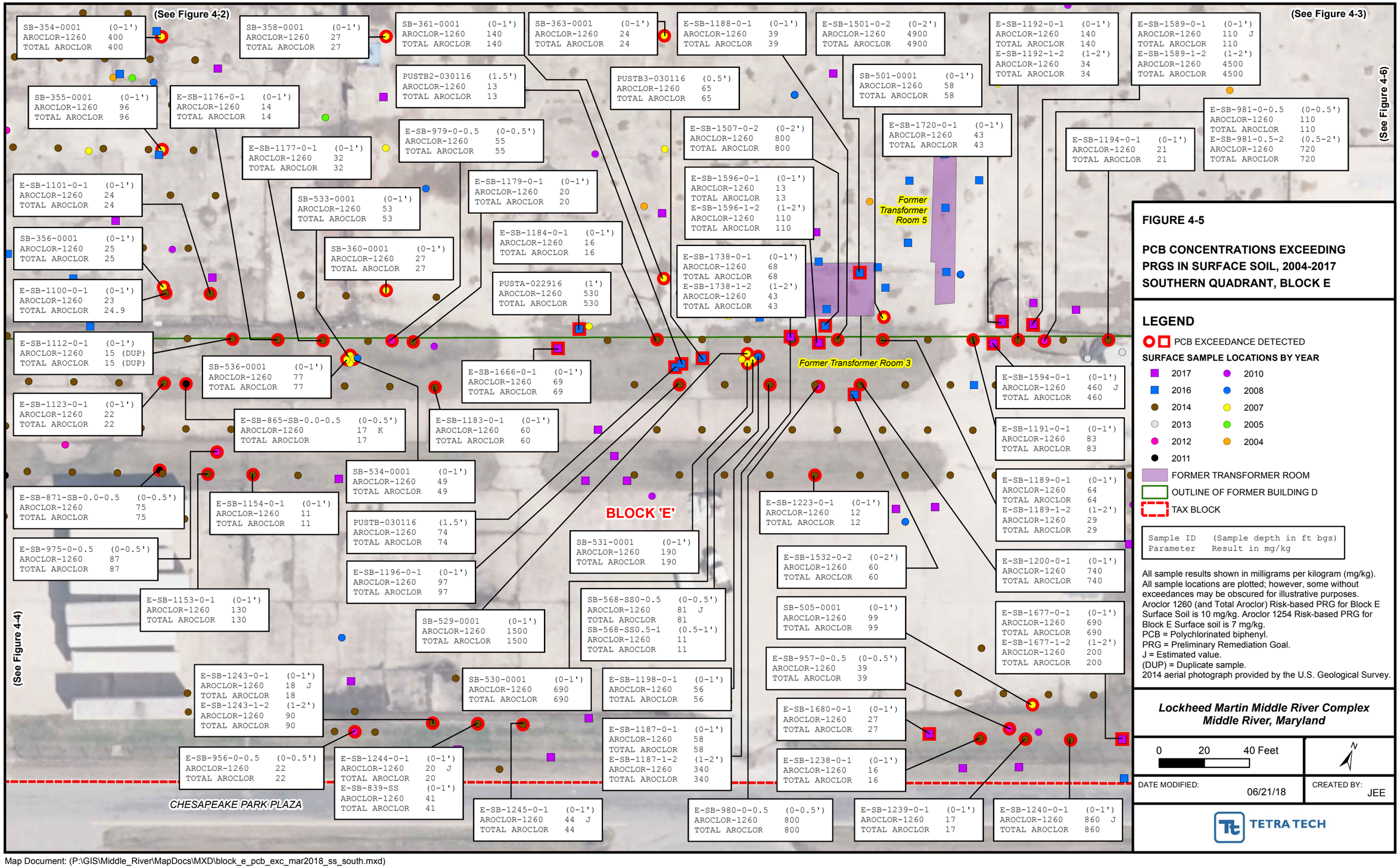


FIGURE 4-5

PCB CONCENTRATIONS EXCEEDING PRGS IN SURFACE SOIL, 2004-2017 SOUTHERN QUADRANT, BLOCK E

LEGEND

PCB EXCEEDANCE DETECTED

SURFACE SAMPLE LOCATIONS BY YEAR

2017	2010
2016	2008
2014	2007
2013	2005
2012	2004
2011	

FORMER TRANSFORMER ROOM

OUTLINE OF FORMER BUILDING D

TAX BLOCK

```
Sample ID    (Sample depth in ft bgs)
Parameter    Result in mg/kg
```

All sample results shown in milligrams per kilogram (mg/kg).
All sample locations are plotted; however, some without exceedances may be obscured for illustrative purposes.
Aroclor 1260 (and Total Aroclor) Risk-based PRG for Block E Surface Soil is 10 mg/kg. Aroclor 1254 Risk-based PRG for Block E Surface soil is 7 mg/kg.
PCB = Polychlorinated biphenyl.
PRG = Preliminary Remediation Goal.
J = Estimated value.
(DUP) = Duplicate sample.
2014 aerial photograph provided by the U.S. Geological Survey.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

N

DATE MODIFIED: 06/21/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_pcb_exc_mar2018_ss_south.mxd)
06/21/18 -- JEE

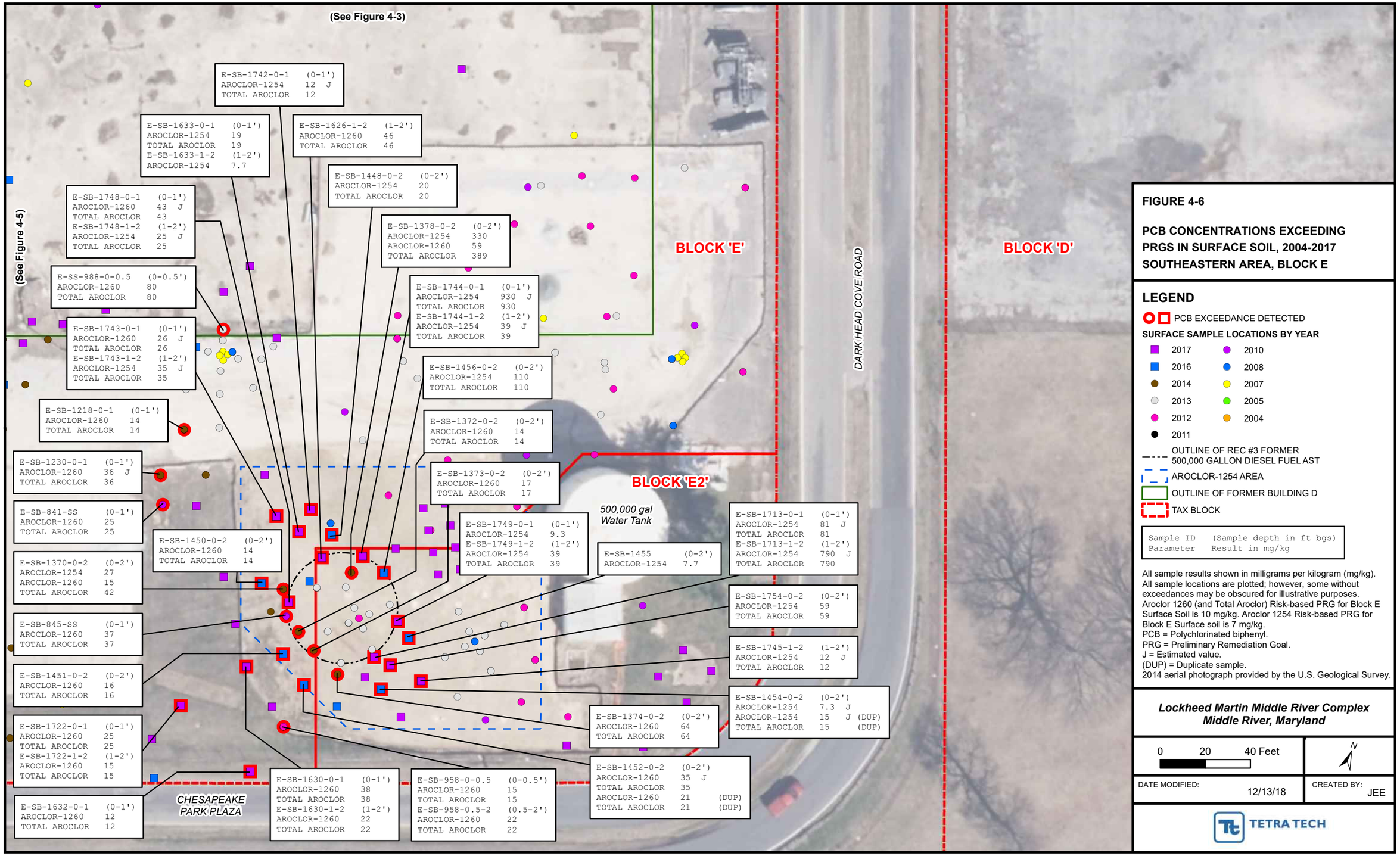


FIGURE 4-6

PCB CONCENTRATIONS EXCEEDING PRGS IN SURFACE SOIL, 2004-2017 SOUTHEASTERN AREA, BLOCK E

LEGEND

- PCB EXCEEDANCE DETECTED

SURFACE SAMPLE LOCATIONS BY YEAR

2017	2010
2016	2008
2014	2007
2013	2005
2012	2004
2011	

- OUTLINE OF REC #3 FORMER 500,000 GALLON DIESEL FUEL AST
- AROCLOR-1254 AREA
- OUTLINE OF FORMER BUILDING D
- TAX BLOCK

```
Sample ID     (Sample depth in ft bgs)
Parameter     Result in mg/kg
```

All sample results shown in milligrams per kilogram (mg/kg).
All sample locations are plotted; however, some without exceedances may be obscured for illustrative purposes.
Aroclor 1260 (and Total Aroclor) Risk-based PRG for Block E Surface Soil is 10 mg/kg. Aroclor 1254 Risk-based PRG for Block E Surface soil is 7 mg/kg.
PCB = Polychlorinated biphenyl.
PRG = Preliminary Remediation Goal.
J = Estimated value.
(DUP) = Duplicate sample.
2014 aerial photograph provided by the U.S. Geological Survey.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

N

DATE MODIFIED: 12/13/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_pcb_exc_mar2018_ss_se.mxd)
12/13/18 -- JEE

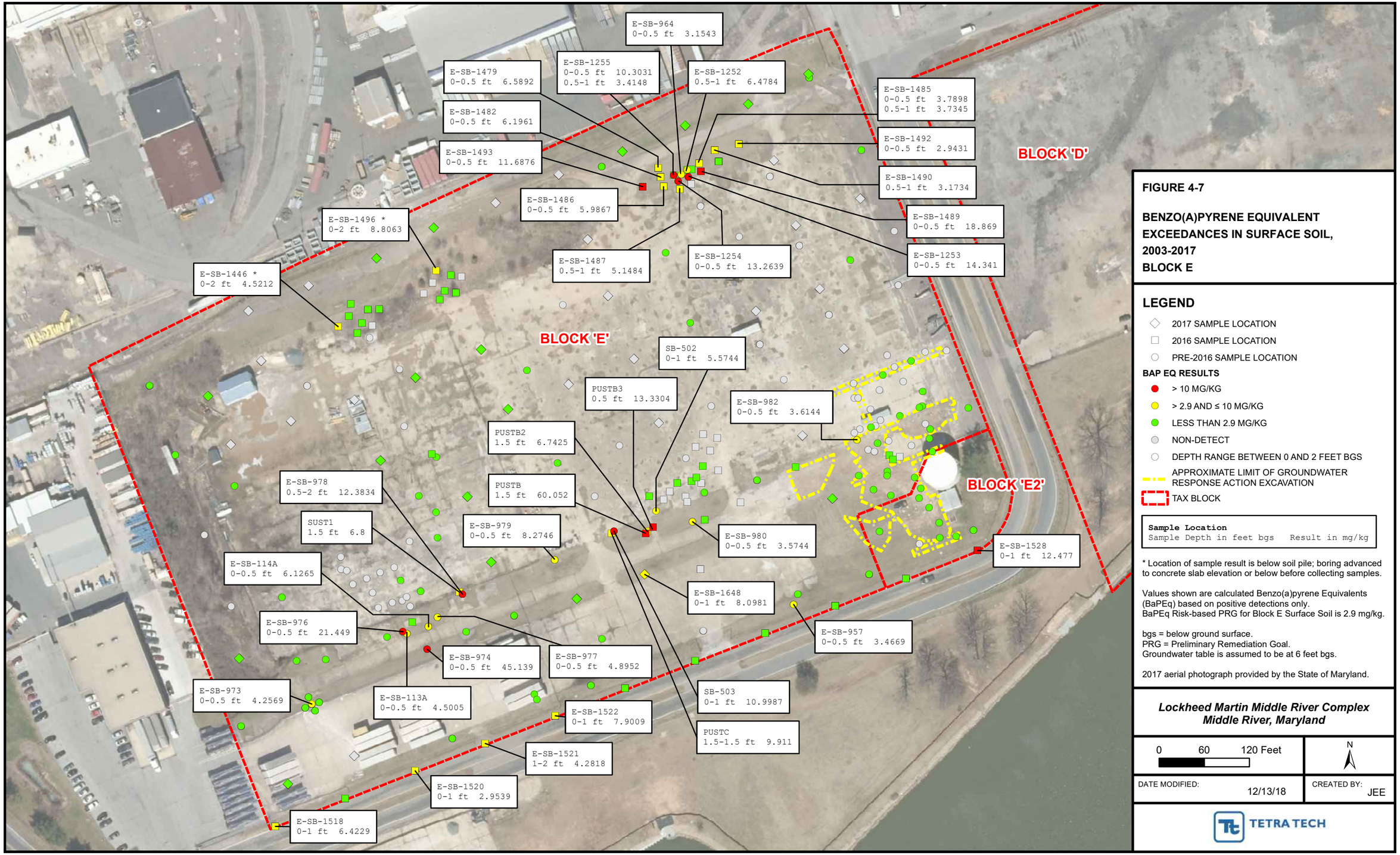


FIGURE 4-7

BENZO(A)PYRENE EQUIVALENT EXCEEDANCES IN SURFACE SOIL, 2003-2017
BLOCK E

LEGEND

- 2017 SAMPLE LOCATION
- 2016 SAMPLE LOCATION
- PRE-2016 SAMPLE LOCATION

BAP EQ RESULTS

- > 10 MG/KG
- > 2.9 AND ≤ 10 MG/KG
- LESS THAN 2.9 MG/KG
- NON-DETECT
- DEPTH RANGE BETWEEN 0 AND 2 FEET BGS
- APPROXIMATE LIMIT OF GROUNDWATER RESPONSE ACTION EXCAVATION
- TAX BLOCK

Sample Location
Sample Depth in feet bgs Result in mg/kg

* Location of sample result is below soil pile; boring advanced to concrete slab elevation or below before collecting samples.

Values shown are calculated Benzo(a)pyrene Equivalents (BaPEq) based on positive detections only.
BaPEq Risk-based PRG for Block E Surface Soil is 2.9 mg/kg.

bgs = below ground surface.
PRG = Preliminary Remediation Goal.
Groundwater table is assumed to be at 6 feet bgs.

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

DATE MODIFIED: 12/13/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_bapeq_samples_2013-2017_ss_v29.mxd)
12/13/18 -- JEE



FIGURE 4-8

VOC EXCEEDANCES IN SURFACE SOILS BLOCK E

LEGEND

- VOC EXCEEDANCE DETECTED

VOC SURFACE SAMPLE LOCATIONS BY DATE

2017	2010
2016	2007
2014	2004
2013	2003
2012	

- OUTLINE OF FORMER BUILDING D
- TAX BLOCK

```
Sample ID    (Sample depth in ft bgs)
Parameter    Result in mg/kg
```

Trichloroethene Risk-based PRG for Block E surface soils is 3.9 mg/kg.
PRG = Preliminary Remediation Goal.

All sample results shown in milligrams per kilogram (mg/kg).
2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

DATE MODIFIED: 12/13/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_124tcb_exc_2004_2017_surface.mxd)
12/13/18 -- JEE

J = Estimated result.
(DUP) = Duplicate sample.
0.5-1.0' = Depth range in feet below ground surface,
All results in micrograms per kilogram (µg/kg).
Results compared to TSCA unrestricted use / residential limit of 1000 µg/kg.

BLOCK 'E'

CPP-SB-1854
0.5-1.0' AROCLOR-1260 2800

CPP-SB-1866
CPP-SB-1856
CPP-SB-1855
CPP-SB-1865
CPP-SB-1853
CPP-SB-1852
CPP-SB-1851

CPP-SB-1839
0-0.5' AROCLOR-1260 2900 J

CPP-SB-1840
0-0.5' AROCLOR-1260 3200 J

CPP-SB-1836
0-0.5' AROCLOR-1260 6900

CPP-SB-1838
0-0.5' AROCLOR-1260 2100 J

CPP-SB-1833
0-0.5' AROCLOR-1260 5900

CPP-SB-1834
0-0.5' AROCLOR-1260 9800

CPP-SB-1835
0-0.5' AROCLOR-1260 7100

CPP-SB-1843
0-0.5' AROCLOR-1260 12000

CPP-SB-1842
0-0.5' AROCLOR-1260 4500

CPP-SB-1844
0-0.5' AROCLOR-1260 9000

CPP-SB-1848
CPP-SB-1849
CPP-SB-1850
CPP-SB-1864
CPP-SB-1845
CPP-SB-1846
CPP-SB-1847
CPP-SB-1863

CPP-SB-1862
0-0.5' AROCLOR-1260 1100

CPP-SB-1837

CPP-SB-1841
0-0.5' AROCLOR-1260 2600 J

CPP-SB-1860
0-0.5' AROCLOR-1260 4700

CPP-SB-1861
0-0.5' AROCLOR-1260 2500

CPP-SB-1859

CPP-SB-1830
0-0.5' AROCLOR-1260 3800

Locaion

CPP-SB-1831
0-0.5' AROCLOR-1260 3000 J / 2900 (DUP)

CPP-SB-1832
0-0.5' AROCLOR-1260 1300 J

CPP-SB-1827
0-0.5' AROCLOR-1260 5800 J

CPP-SB-1828
0.5-1.0' AROCLOR-1260 2200 J

CPP-SB-1829
0.5-1.0' AROCLOR-1260 2900 J

CHESAPEAKE PARK PLAZA

CPP-SB-1858
0-0.5' AROCLOR-1260 1300

CPP-SB-1857
0-0.5' AROCLOR-1260 1100

CPP-SB-1824
CPP-SB-1826

CPP-SB-1821
0-0.5' AROCLOR-1260 3000

CPP-SB-1822
CPP-SB-1823

CPP-SB-1825
0-0.5' AROCLOR-1260 1800 J

CPP-SB-1818
CPP-SB-1820

CPP-SB-1819
0-0.5' AROCLOR-1260 2500 J

BLOCK 'F'

FIGURE 4-9

AUGUST 2018 PCB SAMPLE EXCEEDANCES BLOCK E AND CHESAPEAKE PARK PLAZA

LEGEND

SAMPLE LOCATION

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 40 80 Feet

N

DATE MODIFIED: 12/18/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_park_plaza_exc_aug2018_1260.mxd)
12/18/18 -- JEE

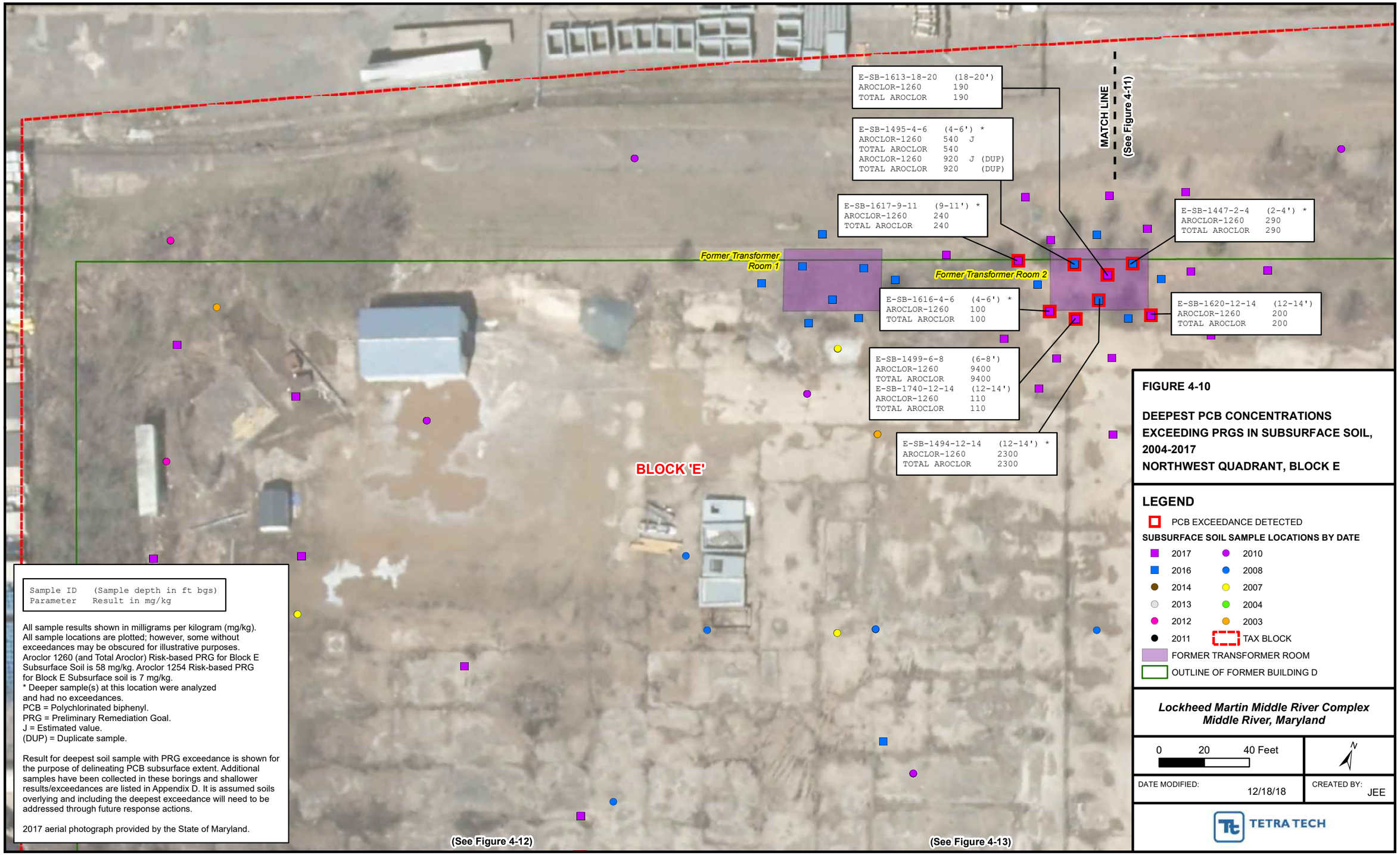


FIGURE 4-10

DEEPEST PCB CONCENTRATIONS EXCEEDING PRGS IN SUBSURFACE SOIL, 2004-2017
NORTHWEST QUADRANT, BLOCK E

LEGEND

- PCB EXCEEDANCE DETECTED

SUBSURFACE SOIL SAMPLE LOCATIONS BY DATE

2017	2010
2016	2008
2014	2007
2013	2004
2012	2003
2011	TAX BLOCK

- FORMER TRANSFORMER ROOM
- OUTLINE OF FORMER BUILDING D

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

N

DATE MODIFIED: 12/18/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_pcb_exc_mar2018_sub_nw.mxd)
12/18/18 -- JEE

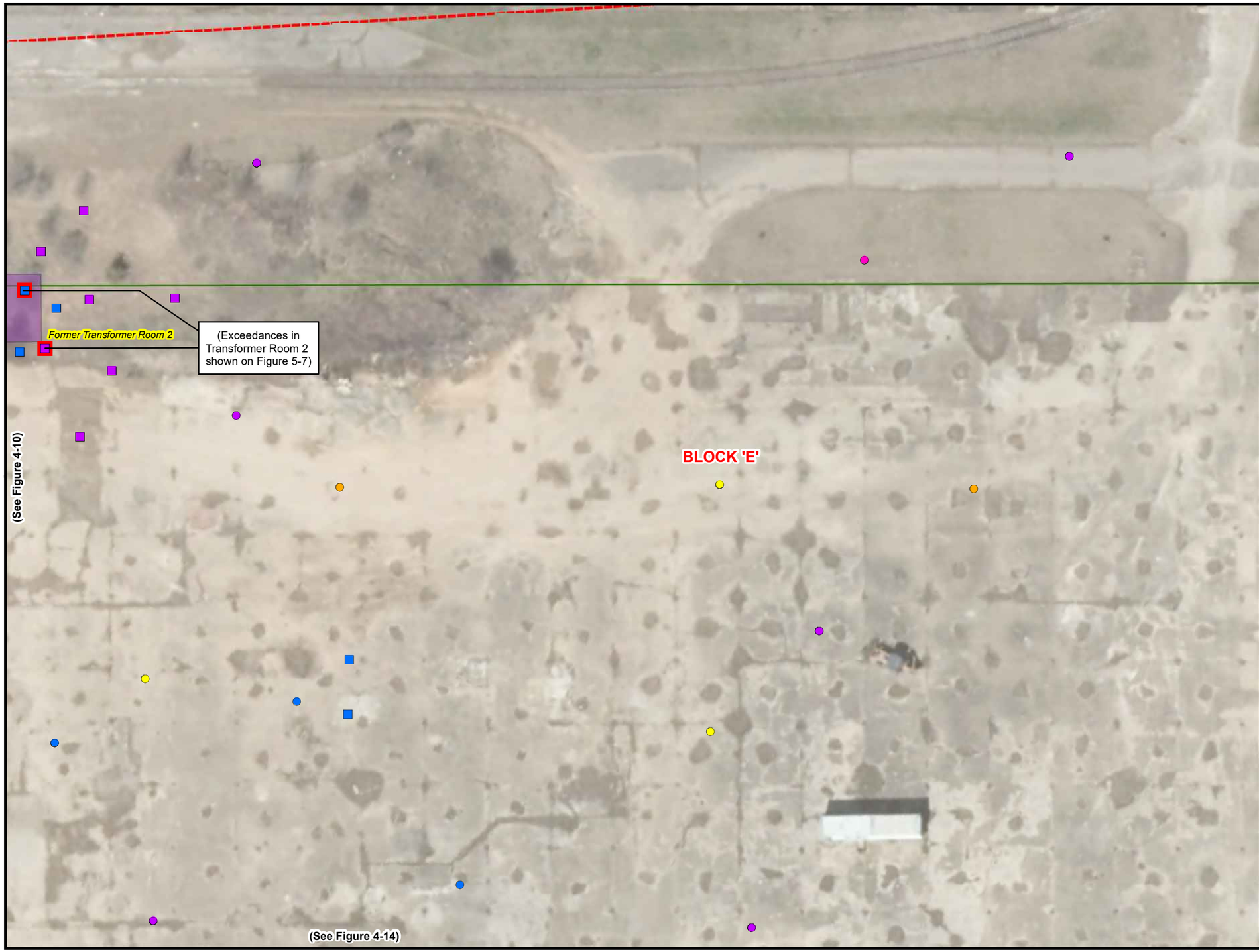


FIGURE 4-11

DEEPEST PCB CONCENTRATIONS EXCEEDING PRGS IN SUBSURFACE SOIL, 2004-2017
NORTHEAST QUADRANT, BLOCK E

LEGEND

- PCB EXCEEDANCE DETECTED

SUBSURFACE SOIL SAMPLE LOCATIONS BY DATE

- 2017
- 2016
- 2014
- 2013
- 2012
- 2011
- 2010
- 2008
- 2007
- 2004
- 2003

- FORMER TRANSFORMER ROOM
- OUTLINE OF FORMER BUILDING D
- TAX BLOCK

Sample ID (Sample depth in ft bgs)
Parameter Result in mg/kg

All sample locations are plotted; however, some without exceedances may be obscured for illustrative purposes.
Aroclor 1260 (and Total Aroclor) Risk-based PRG for Block E Subsurface Soil is 58 mg/kg. Aroclor 1254 Risk-based PRG for Block E Subsurface soil is 7 mg/kg.
PRG = Preliminary Remediation Goal.
2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

DATE MODIFIED: 12/18/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_pcb_exc_mar2018_sub_ne.mxd)
12/18/18 -- JEE

(See Figure 4-10)

E-SB-1465-14-16 (14-16')
AROCLOR-1260 99
TOTAL AROCLOR 99

E-SB-1547-16-18 (16-18') *
AROCLOR-1260 87
TOTAL AROCLOR 87

E-SB-827-09 (9') *
AROCLOR-1260 260 J
TOTAL AROCLOR 260

E-SB-848-08 (6-8') *
AROCLOR-1260 200
TOTAL AROCLOR 200

E-SB-1546-12-14 (12-14') *
AROCLOR-1260 89
TOTAL AROCLOR 89

E-SB-1476-16-20 (16-20')
AROCLOR-1260 240
TOTAL AROCLOR 240

E-SB-833I-10 (10')
AROCLOR-1260 350
TOTAL AROCLOR 350

E-SB-833-11 (11')
AROCLOR-1260 61
TOTAL AROCLOR 61

E-SB-1602-6-8 (6-8')
AROCLOR-1260 300
TOTAL AROCLOR 300
E-SB-1728-8-10 (8-10') *
AROCLOR-1260 750 J (DUP)
TOTAL AROCLOR 750 (DUP)

E-SB-1544-4-6 (4-6') *
AROCLOR-1260 2200 J
TOTAL AROCLOR 2200
AROCLOR-1260 530 J (DUP)
TOTAL AROCLOR 530 (DUP)

E-SB-833A-10 (10') *
AROCLOR-1260 2000
TOTAL AROCLOR 2000

E-SB-1545-4-6 (4-6') *
AROCLOR-1260 7500
TOTAL AROCLOR 7500

E-SB-855-8-12 (8-12') *
AROCLOR-1260 680
TOTAL AROCLOR 680

E-SB-1470-12-14 (12-14') *
AROCLOR-1260 110
TOTAL AROCLOR 110

E-SB-1548-6-8 (6-8') *
AROCLOR-1260 320
TOTAL AROCLOR 320

Former Transformer Room 4

E-SB-1461-3-4 (3-4')
AROCLOR-1260 110
TOTAL AROCLOR 110

E-SB-1551-4-6 (4-6') *
AROCLOR-1260 31000
TOTAL AROCLOR 31000
AROCLOR-1260 27000 (DUP)
TOTAL AROCLOR 27000 (DUP)

E-SB-852-12 (8-12') *
AROCLOR-1260 120
TOTAL AROCLOR 120

E-SB-1601-12-14 (12-14') *
AROCLOR-1260 1700
TOTAL AROCLOR 1700

E-SB-984-12-14 (12-14') *
AROCLOR-1260 120
TOTAL AROCLOR 120

E-SB-1471-16-20 (16-20') *
AROCLOR-1260 390
TOTAL AROCLOR 390

E-SB-1474-8-12 (8-12') *
AROCLOR-1260 680
TOTAL AROCLOR 680

E-SB-853-12-16 (12-16') *
AROCLOR-1260 780
TOTAL AROCLOR 780

E-SB-1597-8-10 (8-10') *
AROCLOR-1260 380
TOTAL AROCLOR 380

E-SB-833E-06 (6') *
AROCLOR-1260 180
TOTAL AROCLOR 180

E-SB-833L-08 (8')
AROCLOR-1260 700
TOTAL AROCLOR 700

E-SB-833K-10 (10')
AROCLOR-1260 270
TOTAL AROCLOR 270

E-SB-854-4-8 (5-8') *
AROCLOR-1260 470
TOTAL AROCLOR 470

E-SB-1473-8-12 (8-12') *
AROCLOR-1260 1700
TOTAL AROCLOR 1700

E-SB-1598-10-12 (10-12') *
AROCLOR-1260 13000
TOTAL AROCLOR 13000

BLOCK 'E'

(See Figure 4-13)

CHESAPEAKE PARK PLAZA

Result for deepest soil sample with PRG exceedance is shown for the purpose of delineating PCB subsurface extent. Additional samples have been collected in these borings and shallower results/exceedances are listed in Appendix D. It is assumed soils overlying and including the deepest exceedance will need to be addressed through future response actions.

FIGURE 4-12

DEEPEST PCB CONCENTRATIONS EXCEEDING PRGS IN SUBSURFACE SOIL, 2004-2017
SOUTHWEST QUADRANT, BLOCK E

LEGEND

PCB EXCEEDANCE DETECTED

SUBSURFACE SOIL SAMPLE LOCATIONS BY DATE

- 2017
- 2016
- 2014
- 2013
- 2012
- 2011
- 2010
- 2008
- 2007
- 2004
- 2003

FORMER TRANSFORMER ROOM
OUTLINE OF FORMER BUILDING D
TAX BLOCK

Sample ID (Sample depth in ft bgs)
Parameter Result in mg/kg

All sample results shown in milligrams per kilogram (mg/kg).
All sample locations are plotted; however, some without exceedances may be obscured for illustrative purposes.
Aroclor 1260 (and Total Aroclor) Risk-based PRG for Block E Subsurface Soil is 58 mg/kg. Aroclor 1254 Risk-based PRG for Block E Subsurface soil is 7 mg/kg.
* Deeper sample(s) at this location were analyzed and had no exceedances.
PCB = Polychlorinated biphenyl.
PRG = Preliminary Remediation Goal.
J = Estimated value.
(DUP) = Duplicate sample.
2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

N

DATE MODIFIED: 12/18/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_pcb_exc_mar2018_sub_sw.mxd)
12/18/18 -- JEE

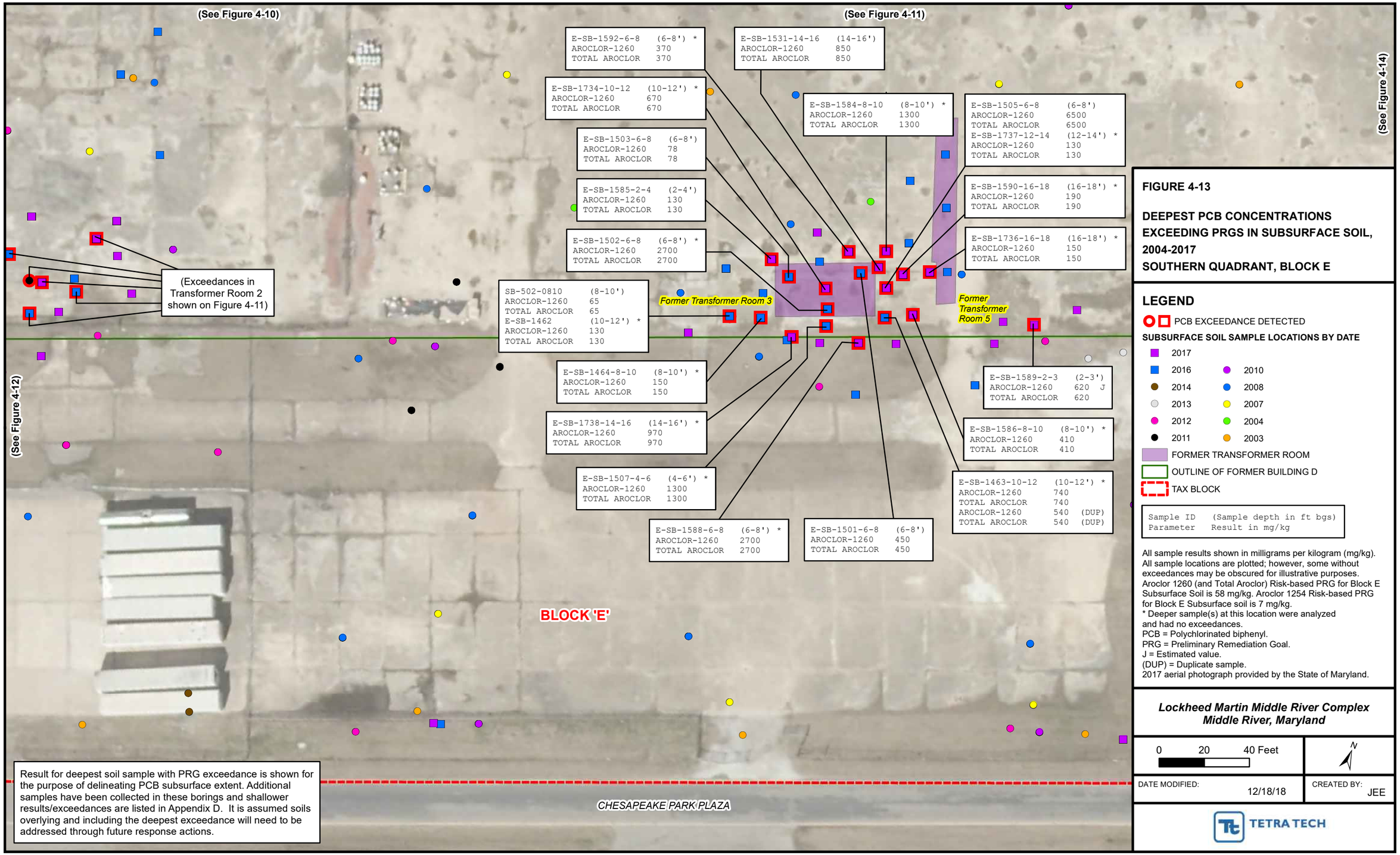


FIGURE 4-13

DEEPEST PCB CONCENTRATIONS EXCEEDING PRGS IN SUBSURFACE SOIL, 2004-2017
SOUTHERN QUADRANT, BLOCK E

LEGEND

PCB EXCEEDANCE DETECTED

SUBSURFACE SOIL SAMPLE LOCATIONS BY DATE

- 2017
- 2016
- 2014
- 2013
- 2012
- 2011
- 2010
- 2008
- 2007
- 2004
- 2003

FORMER TRANSFORMER ROOM

OUTLINE OF FORMER BUILDING D

TAX BLOCK

```
Sample ID     (Sample depth in ft bgs)
Parameter     Result in mg/kg
```

All sample results shown in milligrams per kilogram (mg/kg).
All sample locations are plotted; however, some without exceedances may be obscured for illustrative purposes.
Aroclor 1260 (and Total Aroclor) Risk-based PRG for Block E Subsurface Soil is 58 mg/kg. Aroclor 1254 Risk-based PRG for Block E Subsurface soil is 7 mg/kg.
* Deeper sample(s) at this location were analyzed and had no exceedances.
PCB = Polychlorinated biphenyl.
PRG = Preliminary Remediation Goal.
J = Estimated value.
(DUP) = Duplicate sample.
2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

DATE MODIFIED: 12/18/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_pcb_exc_mar2018_sub_south.mxd)
12/18/18 -- KM

(See Figure 4-10)

(Exceedance shown on Figure 4-12)

(See Figure 4-12)

BLOCK 'E'

DARK HEAD COVE ROAD

BLOCK 'D'

BLOCK 'E2'

500,000 gal Water Tank

E-SB-1448-2-3 (2-3') *
AROCLOR-1254 130
TOTAL AROCLOR 130

E-SB-1378-2-3 (2-3') *
AROCLOR-1254 450
TOTAL AROCLOR 450

E-SB-1456-5-6 (5-6')
AROCLOR-1254 1100
TOTAL AROCLOR 1100

E-SB-1713-2-3 (2-3')
AROCLOR-1254 3500 J
TOTAL AROCLOR 3500

E-SB-1384-3-4 (3-4') *
AROCLOR-1254 8.1

E-SB-1375-5-6 (5-6')
AROCLOR-1254 80
TOTAL AROCLOR 84
E-SB-1375-6-7 (6-7') *
AROCLOR-1254 8.1

SB-555-4 (4') *
AROCLOR-1254 9.8

E-SB-1754-2-3 (2-3') *
AROCLOR-1254 74
TOTAL AROCLOR 74

E-SB-1374-2-3 (2-3')
AROCLOR-1254 25

E-SB-1751-2-3 (2-3') *
AROCLOR-1254 1100
TOTAL AROCLOR 1100

CHESAPEAKE PARK PLAZA

Result for deepest soil sample with PRG exceedance is shown for the purpose of delineating PCB subsurface extent. Additional samples have been collected in these borings and shallower results/exceedances are listed in Appendix D. It is assumed soils overlying and including the deepest exceedance will need to be addressed through future response actions.

FIGURE 4-14

DEEPEST PCB CONCENTRATIONS EXCEEDING PRGS IN SUBSURFACE SOIL, 2004-2017
SOUTHEASTERN AREA, BLOCK E

LEGEND

PCB EXCEEDANCE DETECTED

SUBSURFACE SOIL SAMPLE LOCATIONS BY DATE

- 2017
- 2016
- 2014
- 2013
- 2012
- 2011
- 2010
- 2008
- 2007
- 2004
- 2003

OUTLINE OF REC #3 FORMER 500,000 GALLON DIESEL FUEL AST

AROCLOR-1254 AREA

OUTLINE OF FORMER BUILDING D

TAX BLOCK

```
Sample ID    (Sample depth in ft bgs)
Parameter    Result in mg/kg
```

All sample results shown in milligrams per kilogram (mg/kg).
All sample locations are plotted; however, some without exceedances may be obscured for illustrative purposes.
Aroclor 1260 (and Total Aroclor) Risk-based PRG for Block E Subsurface Soil is 58 mg/kg. Aroclor 1254 Risk-based PRG for Block E Subsurface soil is 7 mg/kg.
* Deeper sample(s) at this location were analyzed and had no exceedances.
PCB = Polychlorinated biphenyl.
PRG = Preliminary Remediation Goal.
J = Estimated value.
(DUP) = Duplicate sample.
2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

N

DATE MODIFIED: 12/13/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_pcb_exc_mar2018_sub_se.mxd)
12/13/18 -- KM



FIGURE 4-15

BENZO(A)PYRENE EQUIVALENT EXCEEDANCES IN SUBSURFACE SOIL, 2003-2017
BLOCK E

LEGEND

- 2017 SAMPLE LOCATION
- 2016 SAMPLE LOCATION
- PRE-2016 SAMPLE LOCATION

BAP EQ RESULTS

- > 10 MG/KG
- > 2.9 AND ≤ 10 MG/KG
- LESS THAN 2.9 MG/KG
- NON-DETECT
- DEPTH RANGE BETWEEN 2 AND 4 FEET BGS
- DEPTH RANGE BETWEEN 4 AND 10 FEET BGS
- DEPTH RANGE BETWEEN 10 AND 15 FEET BGS
- DEPTH RANGE GREATER THAN 15 FEET BGS
- APPROXIMATE LIMIT OF GROUNDWATER RESPONSE ACTION EXCAVATION

Sample Location
Sample Depth in feet bgs Result in mg/kg

Values shown are calculated Benzo(a)pyrene Equivalents (BaPEq) based on positive detections only.
BaPEq Risk-based PRG for Block E subsurface soil is 10 mg/kg.

bgs = below ground surface.
PRG – Preliminary Remediation Goal.
Groundwater table is assumed to be at 6 feet bgs.

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

DATE MODIFIED: 12/13/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_bapeq_samples_2013-2017_sb_v29.mxd)
12/13/18 -- KM

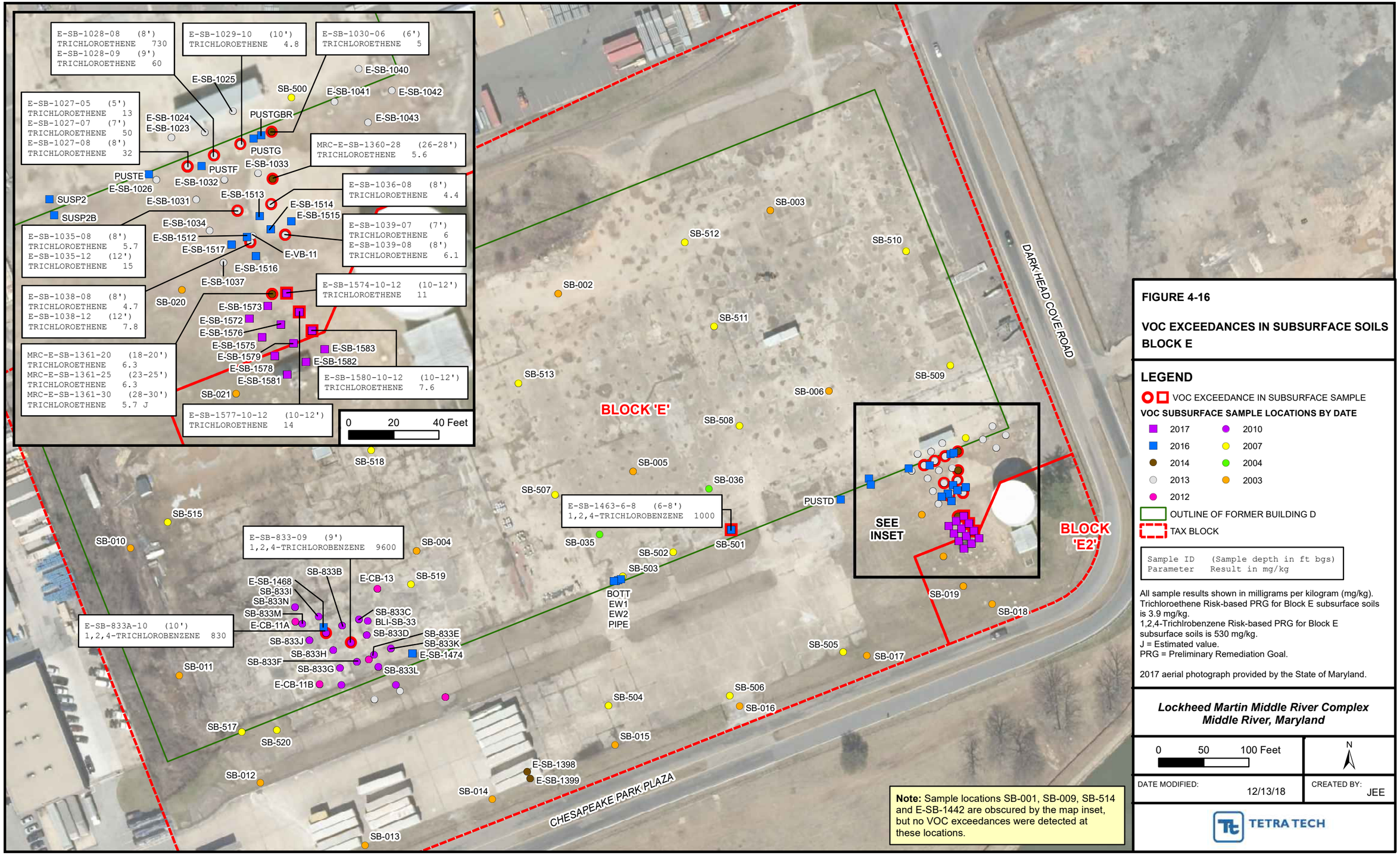


FIGURE 4-16

VOC EXCEEDANCES IN SUBSURFACE SOILS BLOCK E

LEGEND

- VOC EXCEEDANCE IN SUBSURFACE SAMPLE

VOC SUBSURFACE SAMPLE LOCATIONS BY DATE

2017	2010
2016	2007
2014	2004
2013	2003
2012	

- OUTLINE OF FORMER BUILDING D
- TAX BLOCK

Sample ID (Sample depth in ft bgs)
Parameter Result in mg/kg

All sample results shown in milligrams per kilogram (mg/kg).
Trichloroethene Risk-based PRG for Block E subsurface soils is 3.9 mg/kg.
1,2,4-Trichlrobenzene Risk-based PRG for Block E subsurface soils is 530 mg/kg.
J = Estimated value.
PRG = Preliminary Remediation Goal.

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 50 100 Feet

N

DATE MODIFIED: 12/13/18

CREATED BY: JEE

TETRA TECH

Note: Sample locations SB-001, SB-009, SB-514 and E-SB-1442 are obscured by the map inset, but no VOC exceedances were detected at these locations.

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_124tcb_exc_2004_2017_subsurface.mxd)
12/13/18 -- JEE

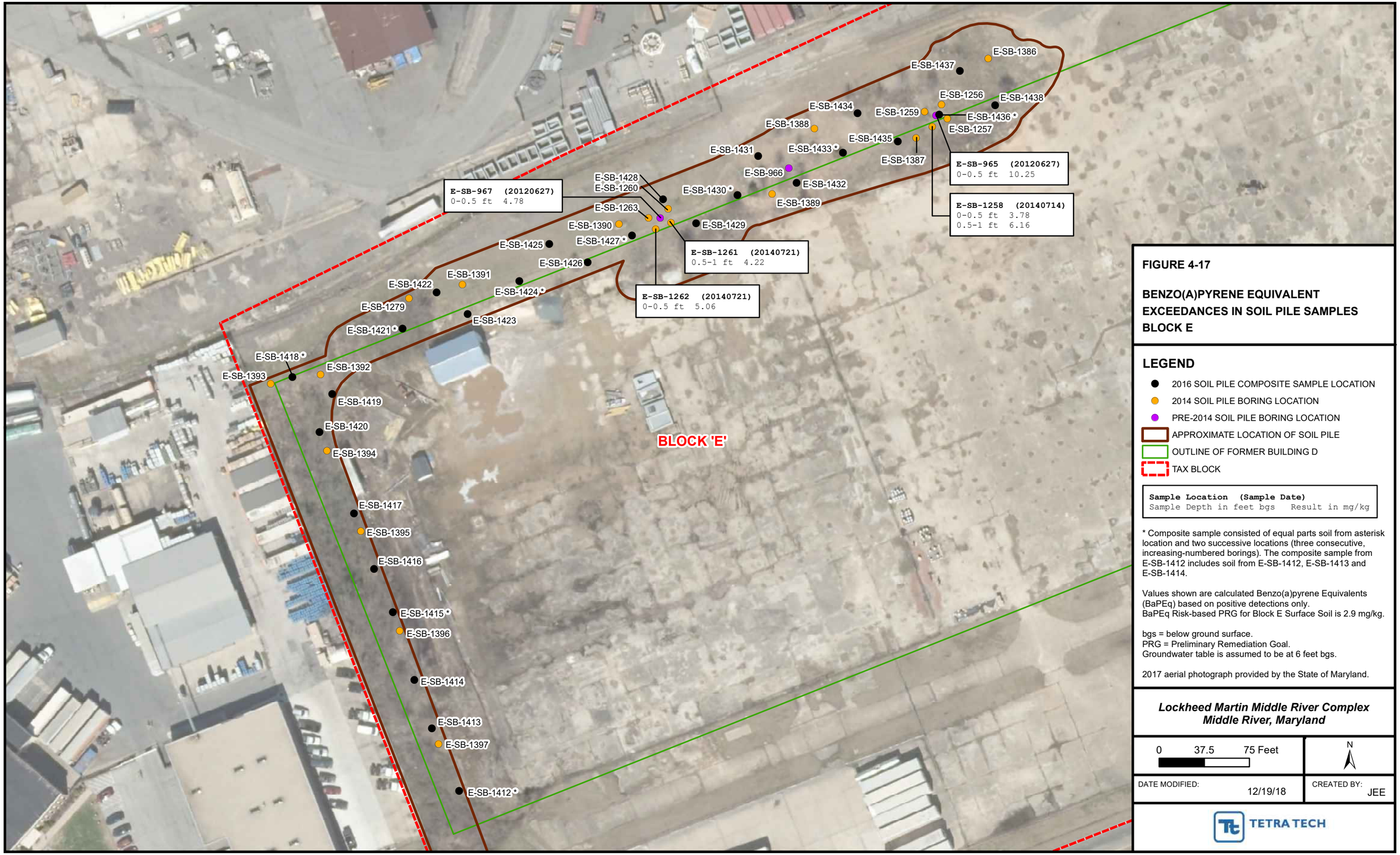


FIGURE 4-17

BENZO(A)PYRENE EQUIVALENT EXCEEDANCES IN SOIL PILE SAMPLES BLOCK E

LEGEND

- 2016 SOIL PILE COMPOSITE SAMPLE LOCATION
- 2014 SOIL PILE BORING LOCATION
- PRE-2014 SOIL PILE BORING LOCATION
- APPROXIMATE LOCATION OF SOIL PILE
- OUTLINE OF FORMER BUILDING D
- TAX BLOCK

Sample Location (Sample Date)
Sample Depth in feet bgs Result in mg/kg

* Composite sample consisted of equal parts soil from asterisk location and two successive locations (three consecutive, increasing-numbered borings). The composite sample from E-SB-1412 includes soil from E-SB-1412, E-SB-1413 and E-SB-1414.

Values shown are calculated Benzo(a)pyrene Equivalents (BaPEq) based on positive detections only.
BaPEq Risk-based PRG for Block E Surface Soil is 2.9 mg/kg.

bgs = below ground surface.
PRG = Preliminary Remediation Goal.
Groundwater table is assumed to be at 6 feet bgs.

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 37.5 75 Feet

N

DATE MODIFIED: 12/19/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_soil_pile_bapeq_exc_aug2018.mxd)
12/19/18 -- JEE

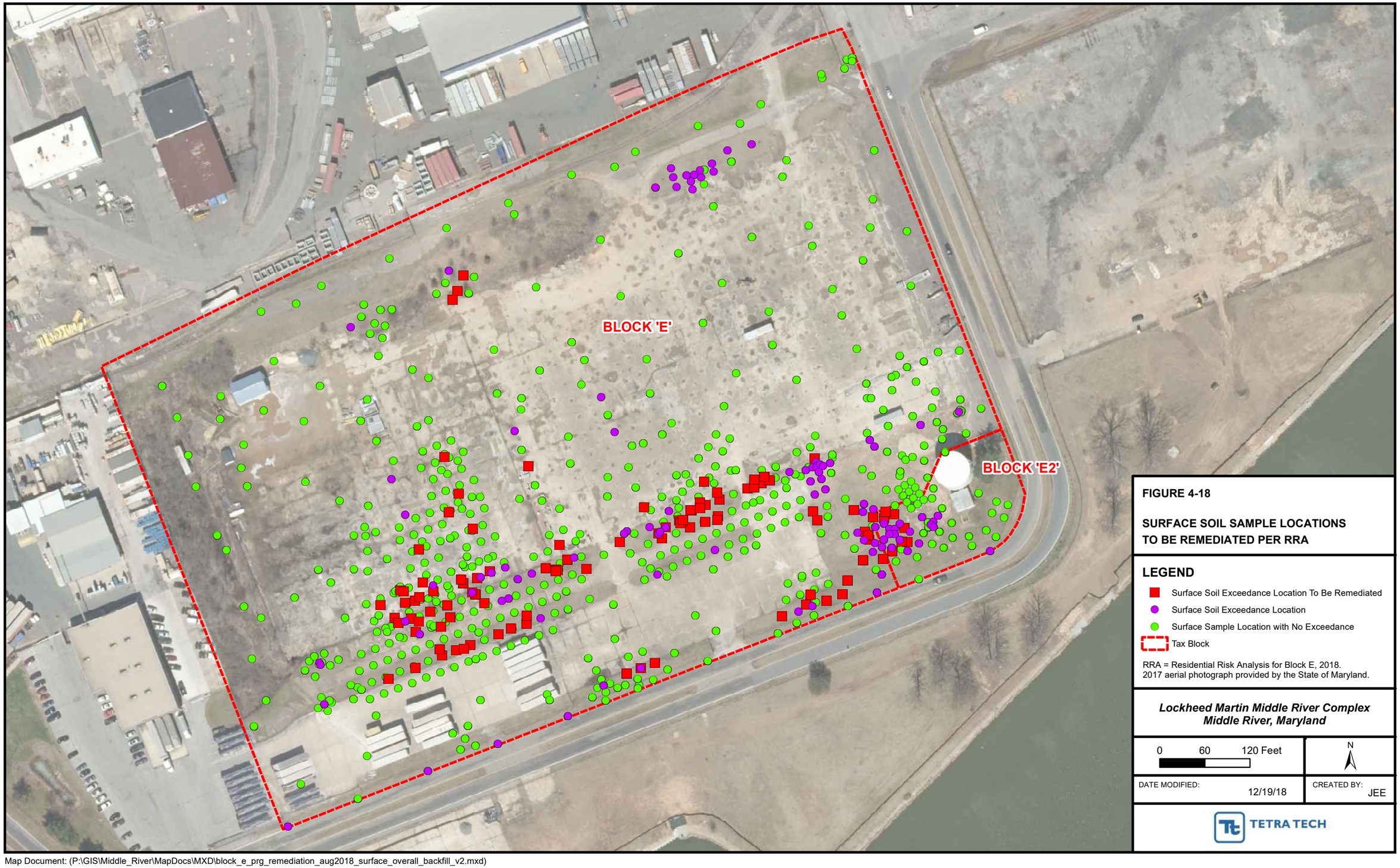


FIGURE 4-18

SURFACE SOIL SAMPLE LOCATIONS TO BE REMEDIATED PER RRA

LEGEND

- Surface Soil Exceedance Location To Be Remediated
- Surface Soil Exceedance Location
- Surface Sample Location with No Exceedance
- Tax Block

RRA = Residential Risk Analysis for Block E, 2018.
2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

DATE MODIFIED: 12/19/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_prg_remediation_aug2018_surface_overall_backfill_v2.mxd)
12/19/18 -- JEE

BLOCK 'E'

BLOCK 'E2'

These locations are only impacted by TCE and will be addressed by the groundwater treatment system

FIGURE 4-19

SUBSURFACE SOIL SAMPLE LOCATIONS TO BE REMEDIATED PER RRA

LEGEND

- Subsuface Soil Exceedance Location To Be Remediated
- Subsurface Soil Exceedance Location
- Subsurface Sample Location with No Exceedance
- Tax Block

RRA = Residential Risk Analysis for Block E, 2018.
2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

DATE MODIFIED: 12/19/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_prg_remediation_aug2018_subsurface_overall_v2.mxd)
12/19/18 -- JEE

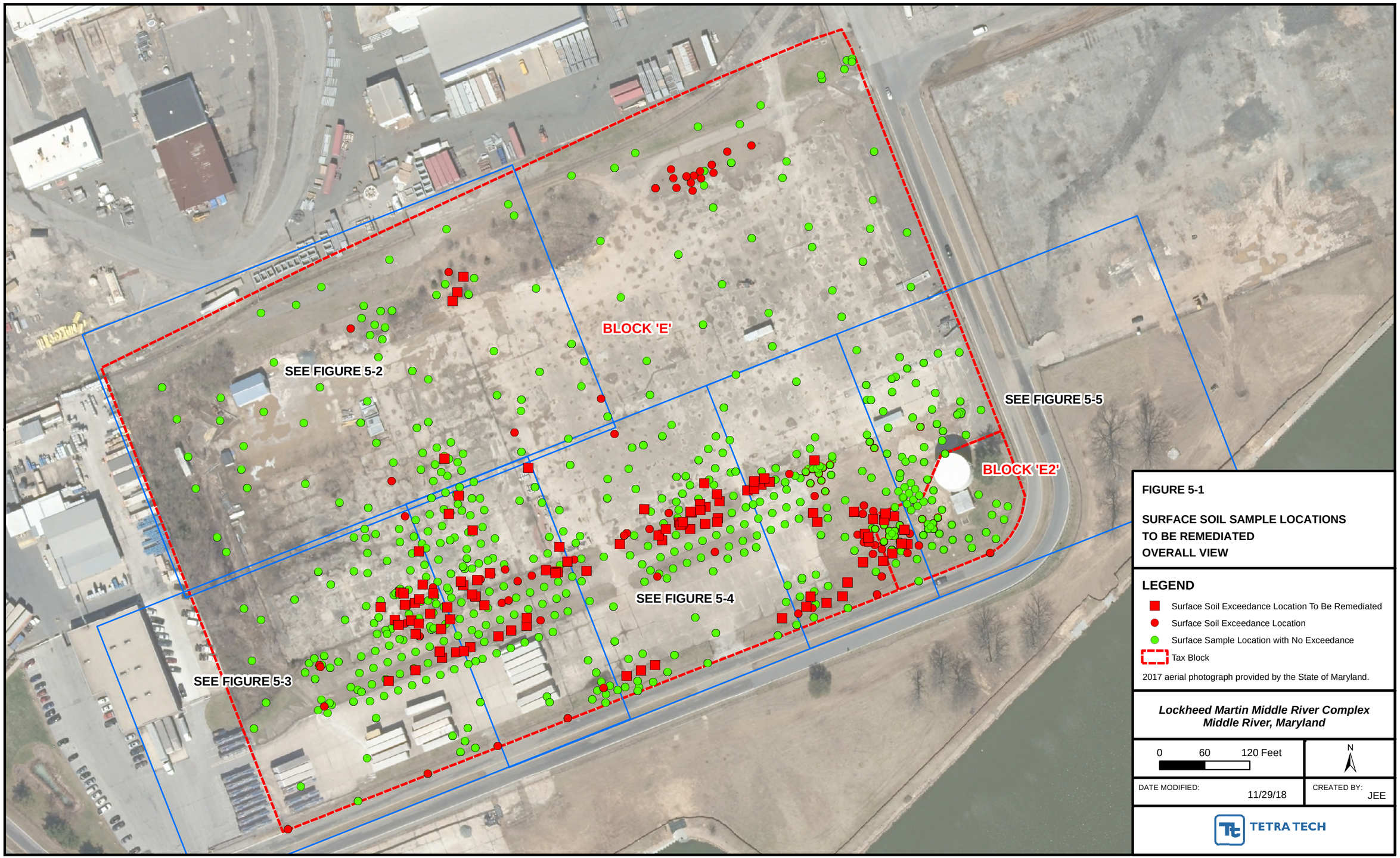


FIGURE 5-1

SURFACE SOIL SAMPLE LOCATIONS TO BE REMEDIATED OVERALL VIEW

LEGEND

- Surface Soil Exceedance Location To Be Remediated
- Surface Soil Exceedance Location
- Surface Sample Location with No Exceedance
- Tax Block

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

DATE MODIFIED: 11/29/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_prg_remediation_aug2018_surface_overall_backfill.mxd)
11/29/18 -- JEE



FIGURE 5-2

SURFACE SOIL SAMPLE LOCATIONS TO BE REMEDIATED NORTHWEST QUADRANT

LEGEND

- Surface Soil Exceedance Location To Be Remediated
- Surface Soil Exceedance Location
- Surface Sample Location with No Exceedance
- Tax Block

Location IDs are abbreviated for legibility, except for those locations which do not begin with "SB-" or "E-SB-."
2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

N

DATE MODIFIED: 11/20/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_prg_remediation_aug2018_surface_nw.mxd)
11/20/18 -- JEE

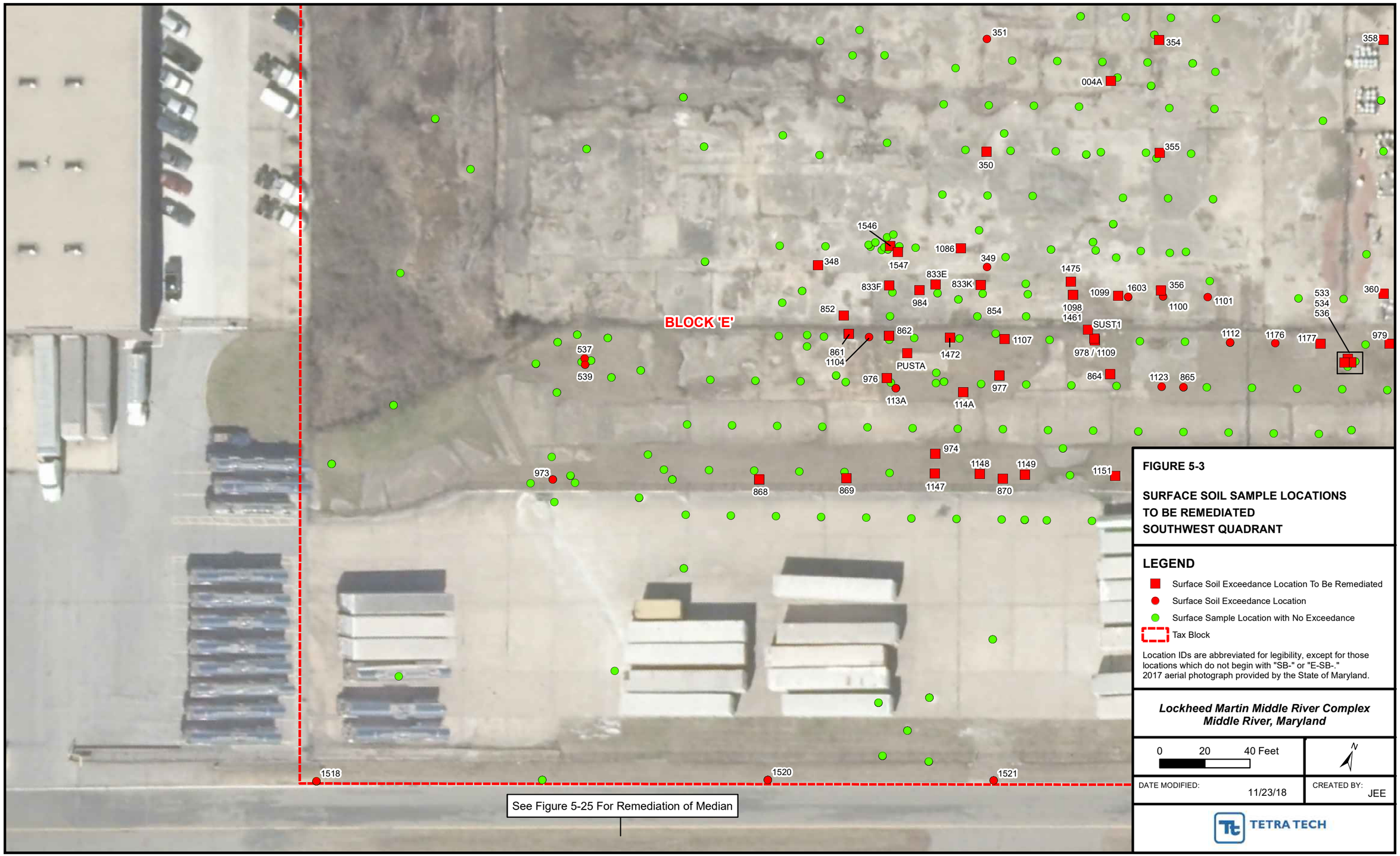


FIGURE 5-3

SURFACE SOIL SAMPLE LOCATIONS TO BE REMEDIATED SOUTHWEST QUADRANT

LEGEND

- Surface Soil Exceedance Location To Be Remediated
- Surface Soil Exceedance Location
- Surface Sample Location with No Exceedance
- Tax Block

Location IDs are abbreviated for legibility, except for those locations which do not begin with "SB-" or "E-SB-."
2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

N

DATE MODIFIED: 11/23/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_prg_remediation_aug2018_surface_sw.mxd)
11/23/18 -- JEE

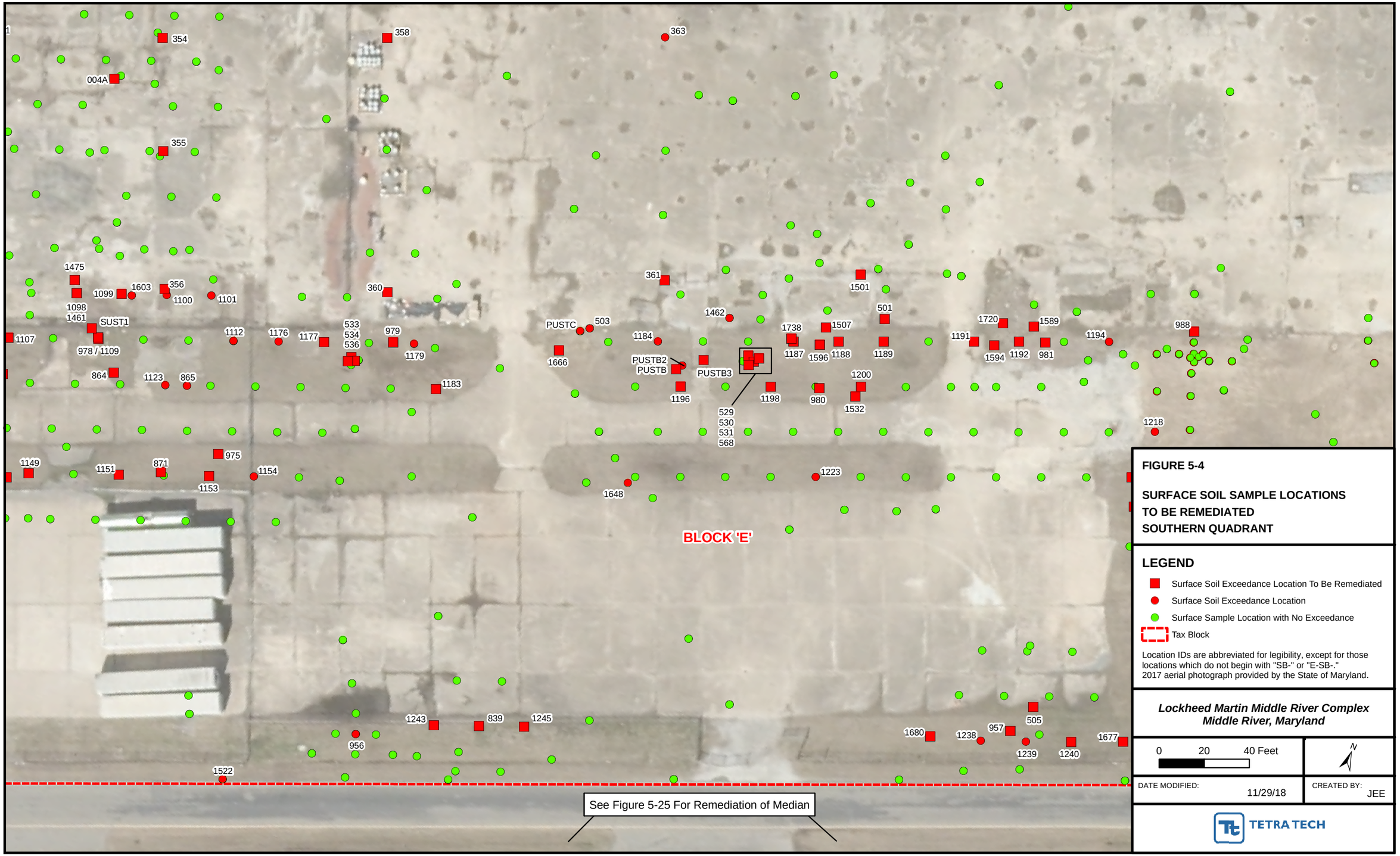


FIGURE 5-4

SURFACE SOIL SAMPLE LOCATIONS TO BE REMEDIATED SOUTHERN QUADRANT

LEGEND

- Surface Soil Exceedance Location To Be Remediated
- Surface Soil Exceedance Location
- Surface Sample Location with No Exceedance
- Tax Block

Location IDs are abbreviated for legibility, except for those locations which do not begin with "SB-" or "E-SB-."
2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

N

DATE MODIFIED: 11/29/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_prg_remediation_aug2018_surface_south_backfill.mxd)
11/29/18 -- JEE

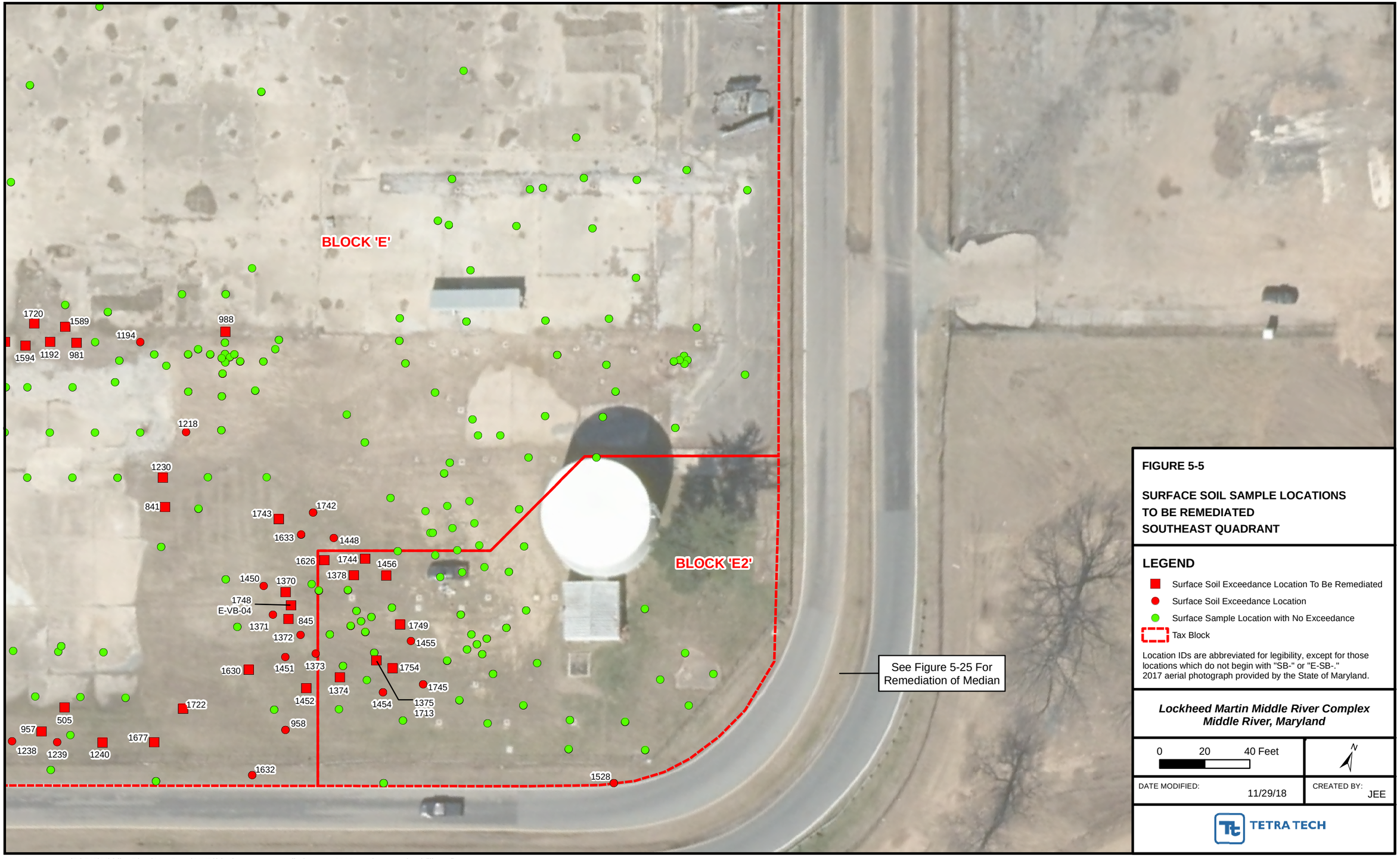


FIGURE 5-5

SURFACE SOIL SAMPLE LOCATIONS TO BE REMEDIATED SOUTHEAST QUADRANT

LEGEND

- Surface Soil Exceedance Location To Be Remediated
- Surface Soil Exceedance Location
- Surface Sample Location with No Exceedance
- Tax Block

Location IDs are abbreviated for legibility, except for those locations which do not begin with "SB-" or "E-SB-."
2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

DATE MODIFIED: 11/29/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_prg_remediation_aug2018_surface_se_backfill.mxd)
11/29/18 -- JEE

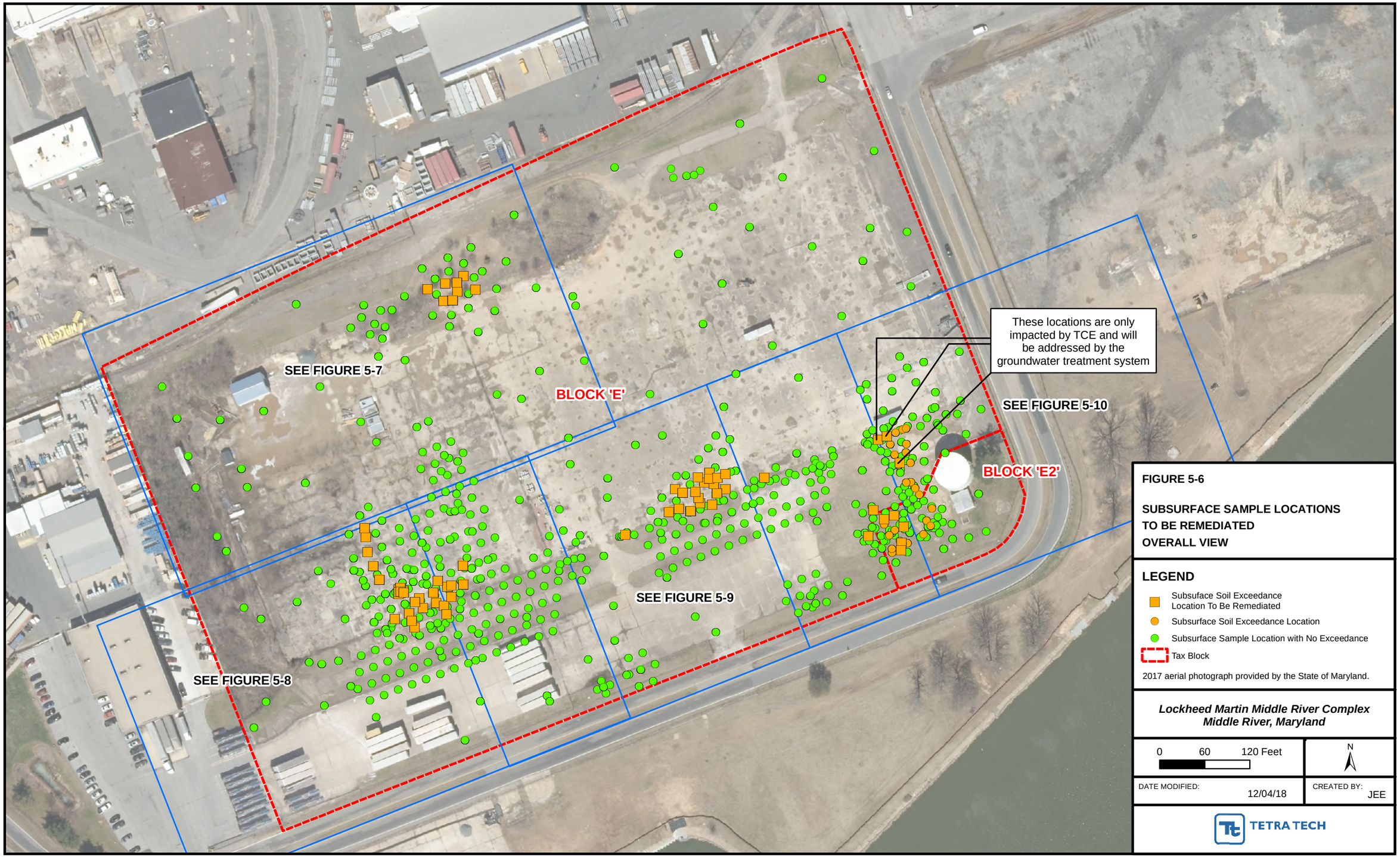


FIGURE 5-6

SUBSURFACE SAMPLE LOCATIONS TO BE REMEDIATED OVERALL VIEW

LEGEND

- Subsuface Soil Exceedance Location To Be Remediated
- Subsurface Soil Exceedance Location
- Subsurface Sample Location with No Exceedance
- Tax Block

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

DATE MODIFIED: 12/04/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_prg_remediation_aug2018_subsurface_overall.mxd)
12/04/18 -- JEE



FIGURE 5-7

SUBSURFACE SOIL SAMPLE LOCATIONS TO BE REMEDIATED NORTHWEST QUADRANT

LEGEND

- Subsuface Soil Exceedance Location To Be Remediated
- Subsurface Soil Exceedance Location
- Subsurface Sample Location with No Exceedance
- Tax Block

Location IDs are abbreviated for legibility, except for those locations which do not begin with "SB-" or "E-SB-."
2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

N

DATE MODIFIED: 11/21/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_prg_remediation_aug2018_subsurface_nw.mxd)
11/21/18 -- JEE



FIGURE 5-8

SUBSURFACE SOIL SAMPLE LOCATIONS TO BE REMEDIATED SOUTHWEST QUADRANT

LEGEND

- Subsuface Soil Exceedance Location To Be Remediated
- Subsurface Soil Exceedance Location
- Surface and Subsurface Sample Location with No Exceedance
- Tax Block

Location IDs are abbreviated for legibility, except for those locations which do not begin with "SB-" or "E-SB-."
2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

N

DATE MODIFIED: 11/20/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_prg_remediation_aug2018_subsurface_sw.mxd)
11/20/18 -- JEE

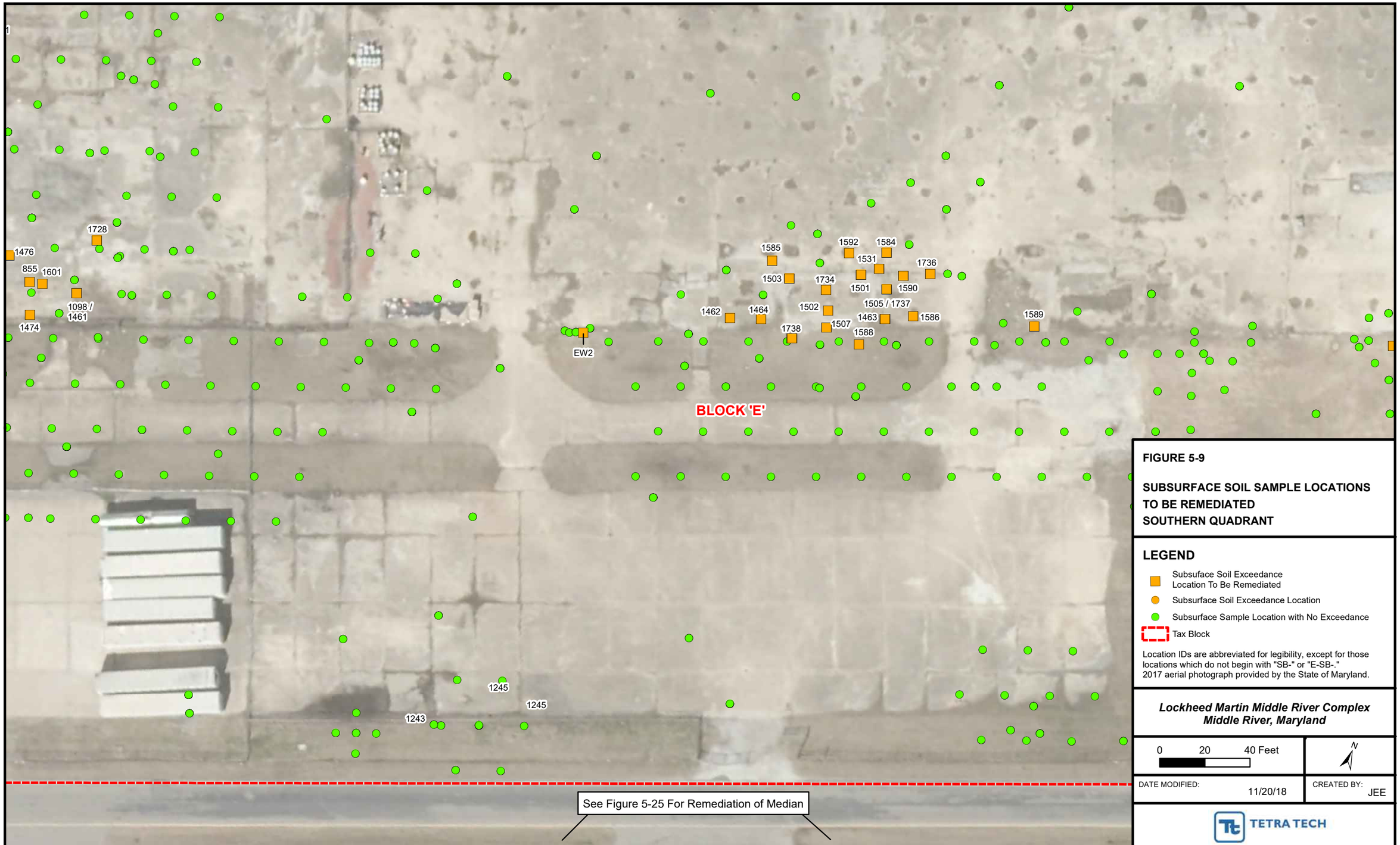


FIGURE 5-9

SUBSURFACE SOIL SAMPLE LOCATIONS TO BE REMEDIATED SOUTHERN QUADRANT

LEGEND

- Subsuface Soil Exceedance Location To Be Remediated
- Subsurface Soil Exceedance Location
- Subsurface Sample Location with No Exceedance
- Tax Block

Location IDs are abbreviated for legibility, except for those locations which do not begin with "SB-" or "E-SB-."
2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

N

DATE MODIFIED: 11/20/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_prg_remediation_aug2018_subsurface_south.mxd)
11/20/18 -- JEE

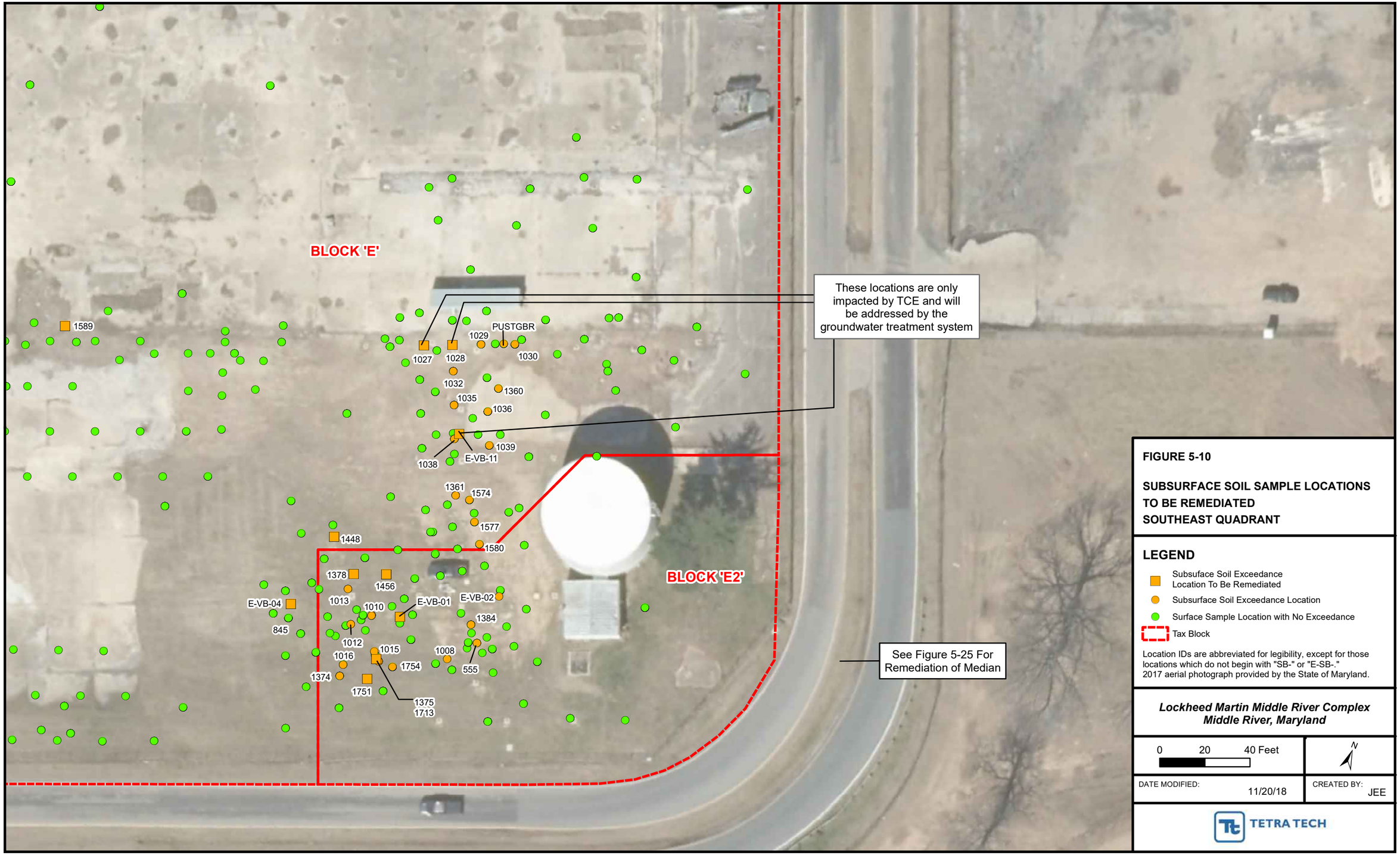


FIGURE 5-10

SUBSURFACE SOIL SAMPLE LOCATIONS TO BE REMEDIATED SOUTHEAST QUADRANT

LEGEND

- Subsuface Soil Exceedance Location To Be Remediated
- Subsurface Soil Exceedance Location
- Surface Sample Location with No Exceedance
- Tax Block

Location IDs are abbreviated for legibility, except for those locations which do not begin with "SB-" or "E-SB-."
2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

N

DATE MODIFIED: 11/20/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_prg_remediation_aug2018_subsurface_se.mxd)
11/20/18 -- JEE

SEE FIGURES
5-2 AND 5-7

BLOCK 'E'

These locations are only impacted by TCE and will be addressed by the groundwater treatment system

SEE FIGURES
5-5 AND 5-10

BLOCK 'E2'

SEE FIGURES
5-4 AND 5-9

SEE FIGURES
5-3 AND 5-8

FIGURE 5-11

SURFACE AND SUBSURFACE SOIL SAMPLE LOCATIONS TO BE REMEDIATED OVERALL VIEW

LEGEND

- Surface Soil Exceedance Location To Be Remediated
- Subsuface Soil Exceedance Location To Be Remediated
- Surface Soil Exceedance Location
- Subsurface Soil Exceedance Location
- Surface and Subsurface Sample Location with No Exceedance
- Tax Block

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

DATE MODIFIED: 11/29/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_prg_remediation_aug2018_overall_backfill.mxd)
11/29/18 -- JEE

BLOCK 'E'

BLOCK 'E2'

These locations are only impacted by TCE and will be addressed by the groundwater treatment system

FIGURE 5-12

ALTERNATIVE 2

LEGEND

- Extent of TSCA Cap
- Surface Soil Exceedance Location To Be Remediated
- Subsuface Soil Exceedance Location To Be Remediated
- Surface Soil Exceedance Location
- Subsurface Soil Exceedance Location
- Surface and Subsurface Sample Location with No Exceedance
- Tax Block

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

DATE MODIFIED: 11/29/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_prg_remediation_tsca_cap_backfill.mxd)
11/29/18 -- JEE

Excavation Area	Surface Area (square feet)
2A	5474.44
2B	25353.04
2C	7632.92
2D	2502.68
2E	2124.57
2F	19936.32
2G	14142.21
2H	2431.5
3A	1096.19
3B	900
3C	900



FIGURE 5-13

EXTENT OF SURFACE SOIL EXCAVATION

LEGEND

- Surface Soil Exceedance Location To Be Remediated
- Subsuface Soil Exceedance Location To Be Remediated
- Surface Soil Exceedance Location
- Subsurface Soil Exceedance Location
- Surface and Subsurface Sample Location with No Exceedance
- Soil Excavation to a Depth of 2 Feet
- Soil Excavation to a Depth of 3 Feet
- Areas with PCB Contamination Less Than 40 mg/kg (See Figure 5-14)
- Approximate Limit of Groundwater Response Action Excavation
- Tax Block

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

DATE MODIFIED: 11/29/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_prg_remediation_exc_extent_backfill.mxd)
11/29/18 -- JEE

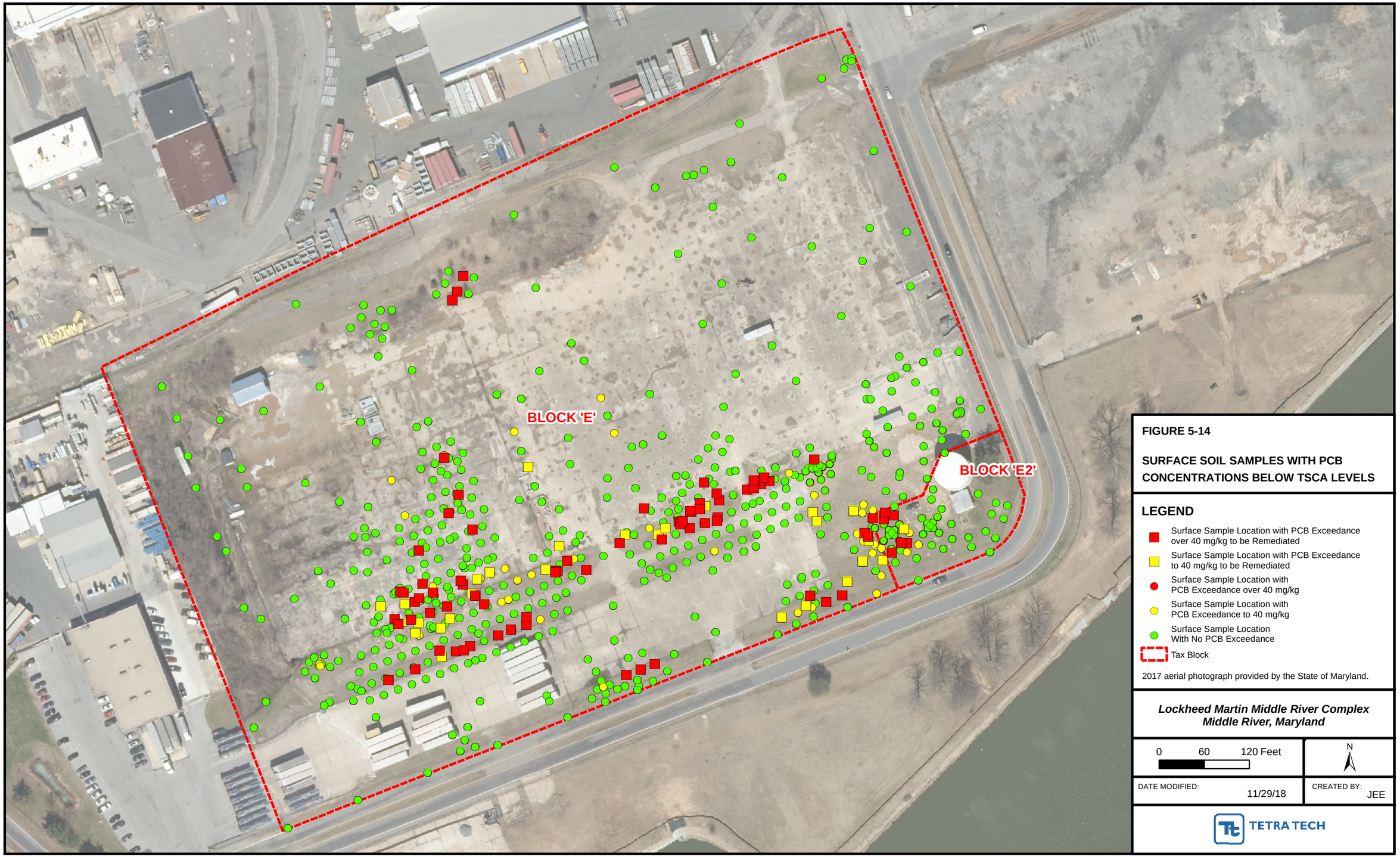


FIGURE 5-14

SURFACE SOIL SAMPLES WITH PCB CONCENTRATIONS BELOW TSCA LEVELS

LEGEND

- Surface Sample Location with PCB Exceedance over 40 mg/kg to be Remediated
- Surface Sample Location with PCB Exceedance to 40 mg/kg to be Remediated
- Surface Sample Location with PCB Exceedance over 40 mg/kg
- Surface Sample Location with PCB Exceedance to 40 mg/kg
- Surface Sample Location With No PCB Exceedance
- Tax Block

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

DATE MODIFIED: 11/29/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_prg_remediation_may2018_surface_hilo_backfill.mxd)
11/29/18 -- JEE

Isoconcentration Area	Surface Area (square feet)
A	183.76
B	73.06
C	8841.77
D	93.45
E	79.58
F	2184.14
G	58.06
H	146.82
I	3580.57
J	530.6
K	1353.69
L	100



FIGURE 5-15

SUBSURFACE SOIL SAMPLE LOCATIONS TO BE REMEDIATED AND PCB PRG ISOCONCENTRATION CONTOURS

LEGEND

- Subsuface Soil Sample Location with PCB Exceedance to be Remediated
- Subsuface Soil Sample Location with PCB Exceedance
- Subsurface Sample Location with No PCB Exceedance
- PCB Isoconcentration Line of 58 mg/kg *
- BaPEq Remediation Only
- Approximate Limit of Groundwater Response Action Excavation
- Tax Block

* Isocontour polygons created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

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Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_prg_remediation_may2018_subsurface_pcb.mxd)
11/28/18 -- JEE

Isoconcentration Area	Surface Area (square feet)
A	183.76
B	73.06
C	8841.77
D	93.45
E	79.58
F	2184.14
G	58.06
H	146.82
I	3580.57
J	530.6
K	1353.69

11' E F 16' G 14'

BLOCK 'E'

BLOCK 'E2'

18' I

J 3'

12' H

To Be Addressed By Shallow Soil Excavation

3'

3'

K 6'

16' A

8' B

D 10'

20' C

FIGURE 5-16

SUBSURFACE SOIL PCB PRG ISOCONCENTRATION CONTOURS

LEGEND

- PCB Isoconcentration Line of 58 mg/kg *
- Approximate Limit of Groundwater Response Action Excavation
- 11' Maximum Depth of Removal in feet bgs
- Tax Block

* Isocontour polygons created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

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Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_prg_remediation_may2018_subsurface_pcb_areas.mxd)
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Isoconcentration Area	Surface Area (square feet)
A	183.76
B	73.06
C	8841.77
D	93.45
E	79.58
F	2184.14
G	58.06
H	146.82
I	3580.57
J	530.6
K	1353.69
L	100

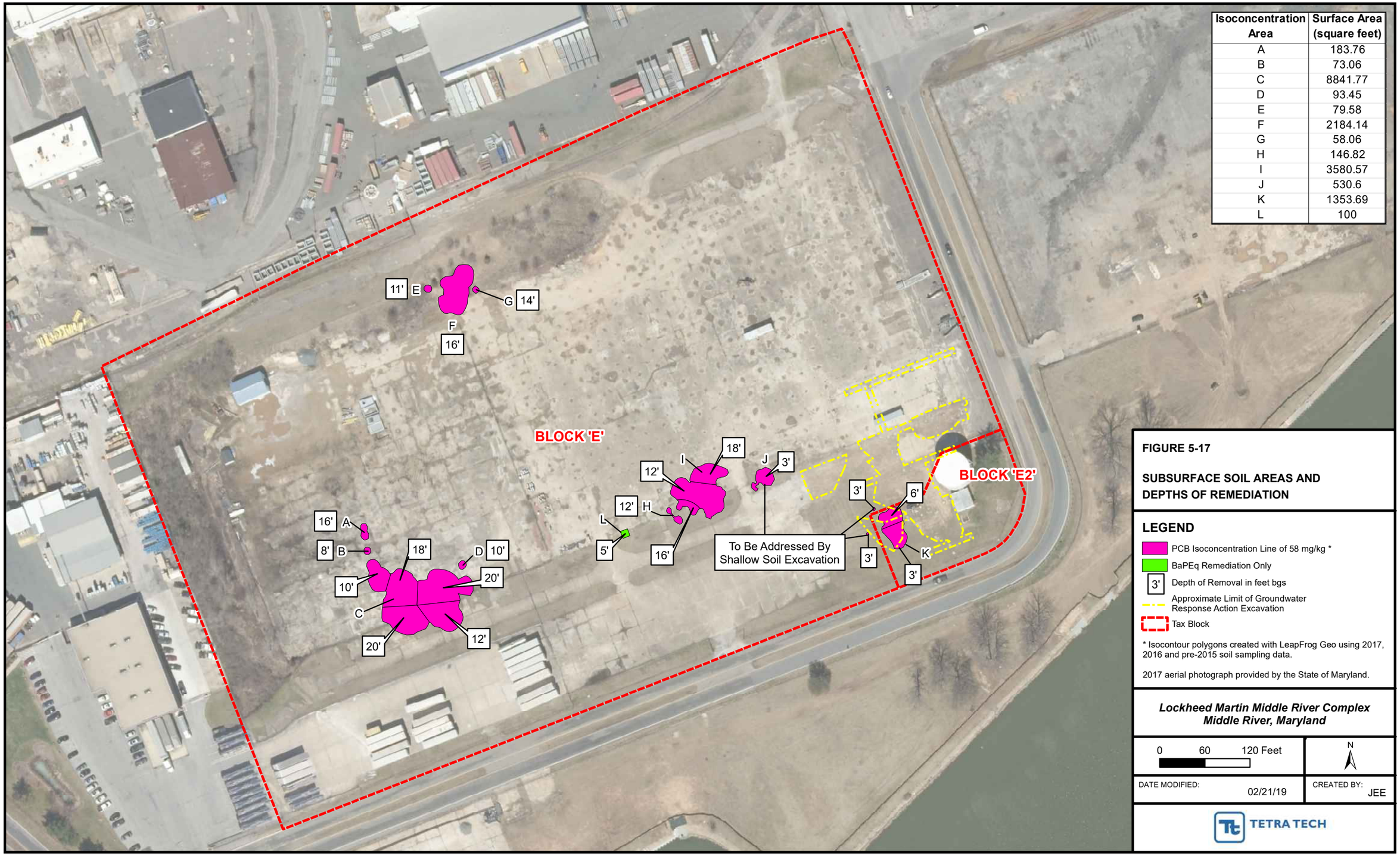

FIGURE 5-17

SUBSURFACE SOIL AREAS AND DEPTHS OF REMEDIATION

LEGEND

- PCB Isoconcentration Line of 58 mg/kg *
- BaPEq Remediation Only
- 3' Depth of Removal in feet bgs
- Approximate Limit of Groundwater Response Action Excavation
- Tax Block

* Isocontour polygons created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

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Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

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BLOCK 'E'

BLOCK 'E2'

FIGURE 5-18

COMBINED SURFACE SOIL EXCAVATION LIMITS AND SUBSURFACE SOIL PCB PRG ISOCONCENTRATION CONTOURS

LEGEND

- Soil Excavation to a Depth of 2 Feet
- Soil Excavation to a Depth of 3 Feet
- PCB Isoconcentration Line of 58 mg/kg *
- BaPEq Only Subsurface Excavation to a Depth of 5 Feet
- Approximate Limit of Groundwater Response Action Excavation
- Tax Block

* Isocontour polygons created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

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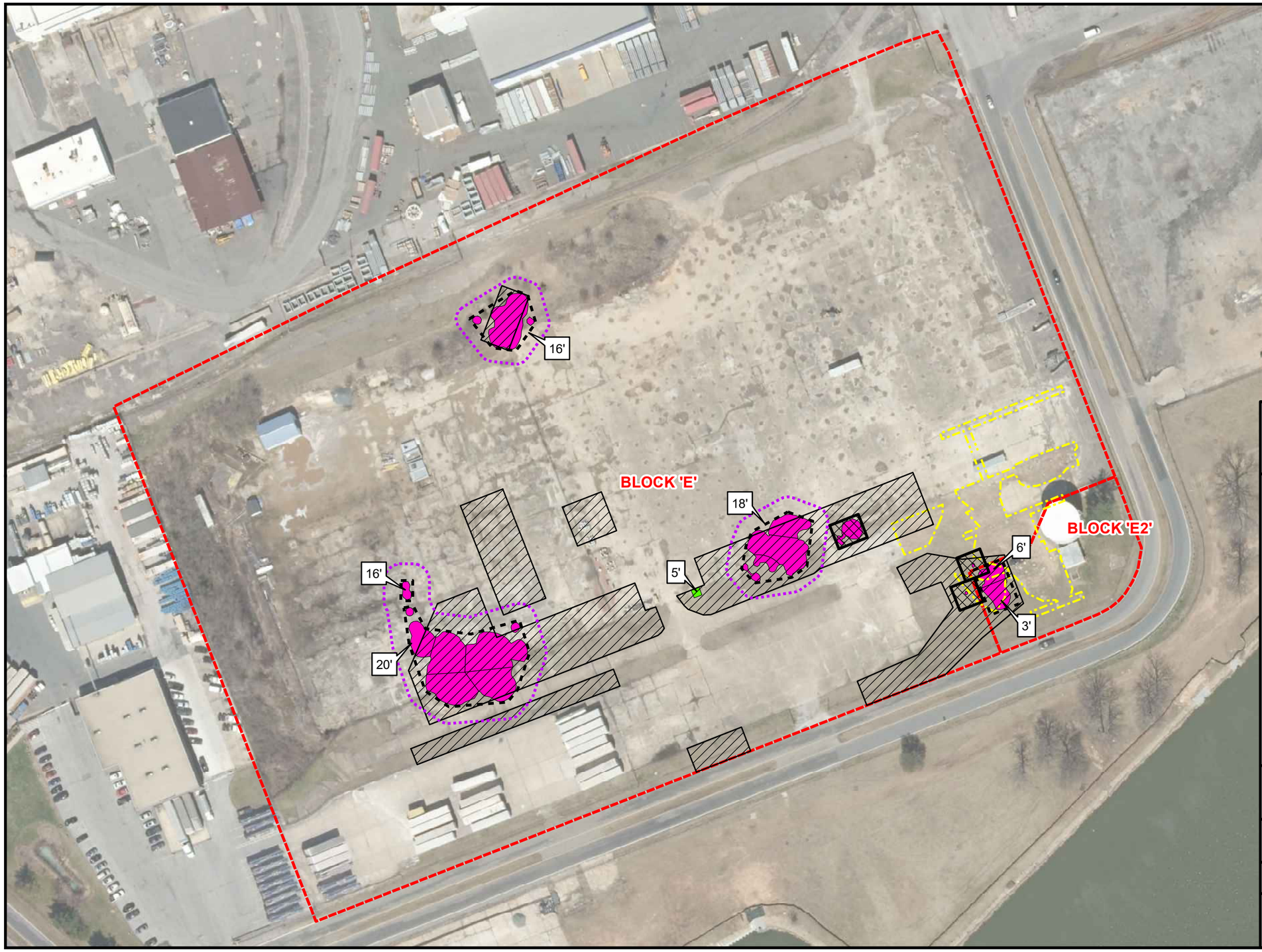

FIGURE 5-19

ALTERNATIVE 3

LEGEND

- Soil Excavation to a Depth of 2 Feet
- Soil Excavation to a Depth of 3 Feet
- Top of Excavation (1:1 wall slope)
- Extent of Subsurface Soil Excavation at Bottom of Excavation (1:1 wall slope)
- 18' Depth of Subsurface Soil Excavation
- PCB Isoconcentration Line of 58 mg/kg *
- BaPEq Only Subsurface Excavation (Conventional Excavation)
- Approximate Limit of Groundwater Response Action Excavation
- Tax Block

* Isocontour polygons created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

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Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_prg_remediation_subsurface_exc_conventional.mxd)
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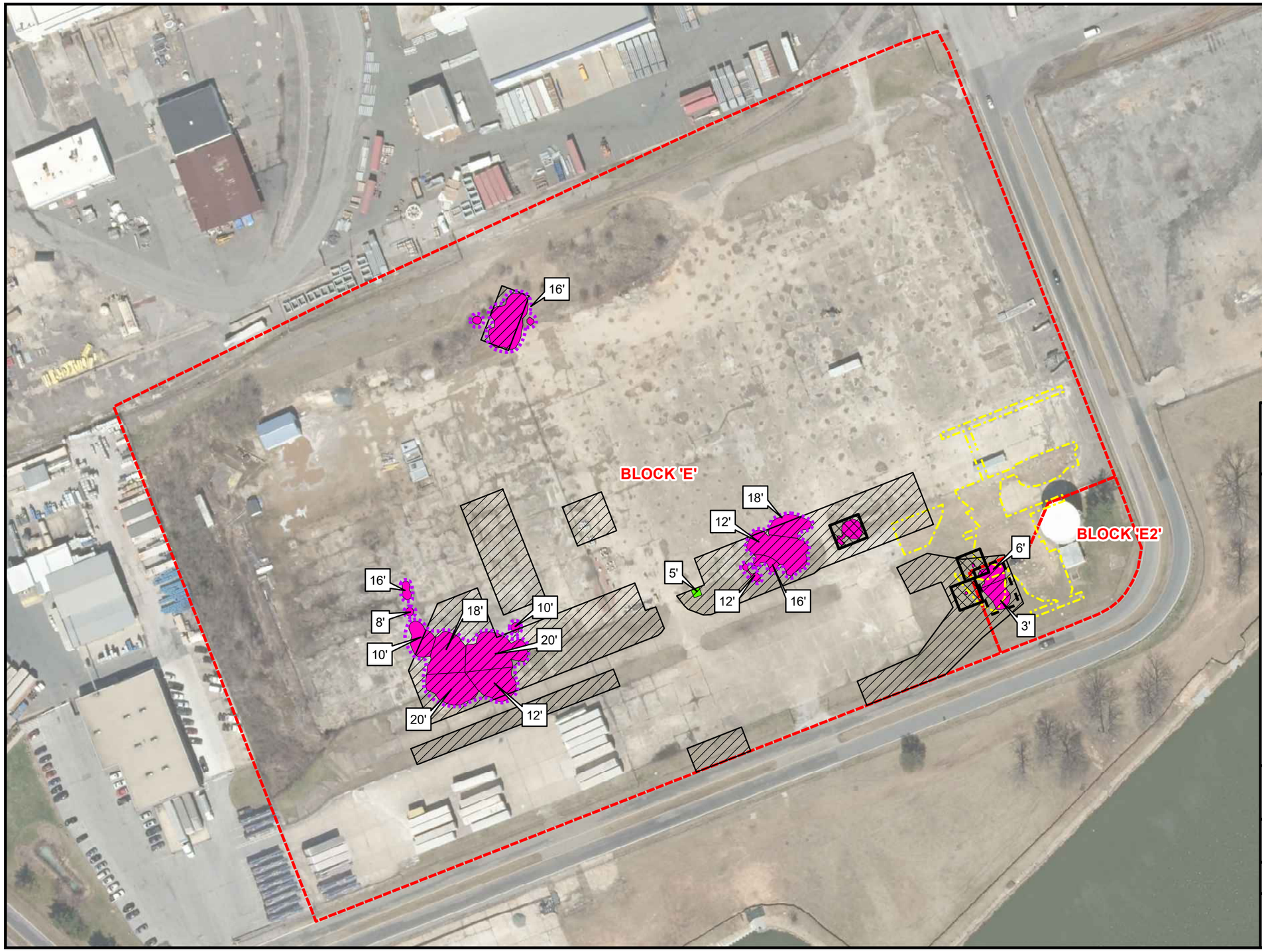

FIGURE 5-20

ALTERNATIVE 4

LEGEND

- Soil Excavation to a Depth of 2 Feet
- Soil Excavation to a Depth of 3 Feet
- Extent of Subsurface Soil Auger Excavation
- 6' Depth of Subsurface Soil Auger Excavation or Conventional Excavation
- Extent of Conventional Subsurface Soil Excavation
- PCB Isoconcentration Line of 58 mg/kg *
- BaPEq Only Subsurface Excavation (Conventional Excavation)
- Approximate Limit of Groundwater Response Action Excavation
- Tax Block

* Isocontour polygons created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

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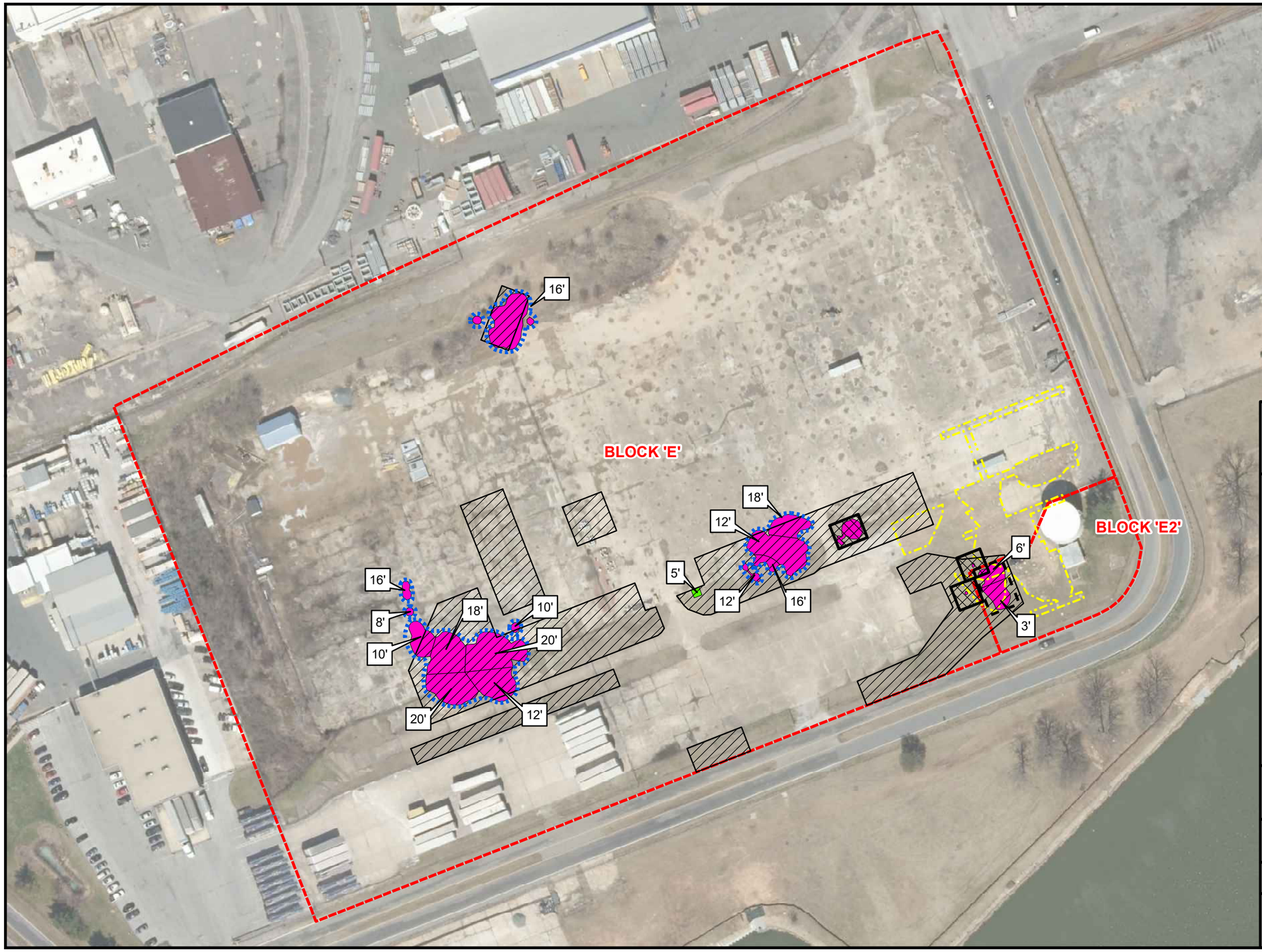

FIGURE 5-21

ALTERNATIVE 5

LEGEND

- Soil Excavation to a Depth of 2 Feet
- Soil Excavation to a Depth of 3 Feet
- Extent of In Situ Soil Stabilization
- 6' — Depth of In Situ Soil Stabilization or Conventional Excavation
- Extent of Conventional Subsurface Soil Excavation
- PCB Isoconcentration Line of 58 mg/kg *
- BaPEq Only Subsurface Excavation (Conventional Excavation)
- Approximate Limit of Groundwater Response Action Excavation
- Tax Block

* Isocontour polygons created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

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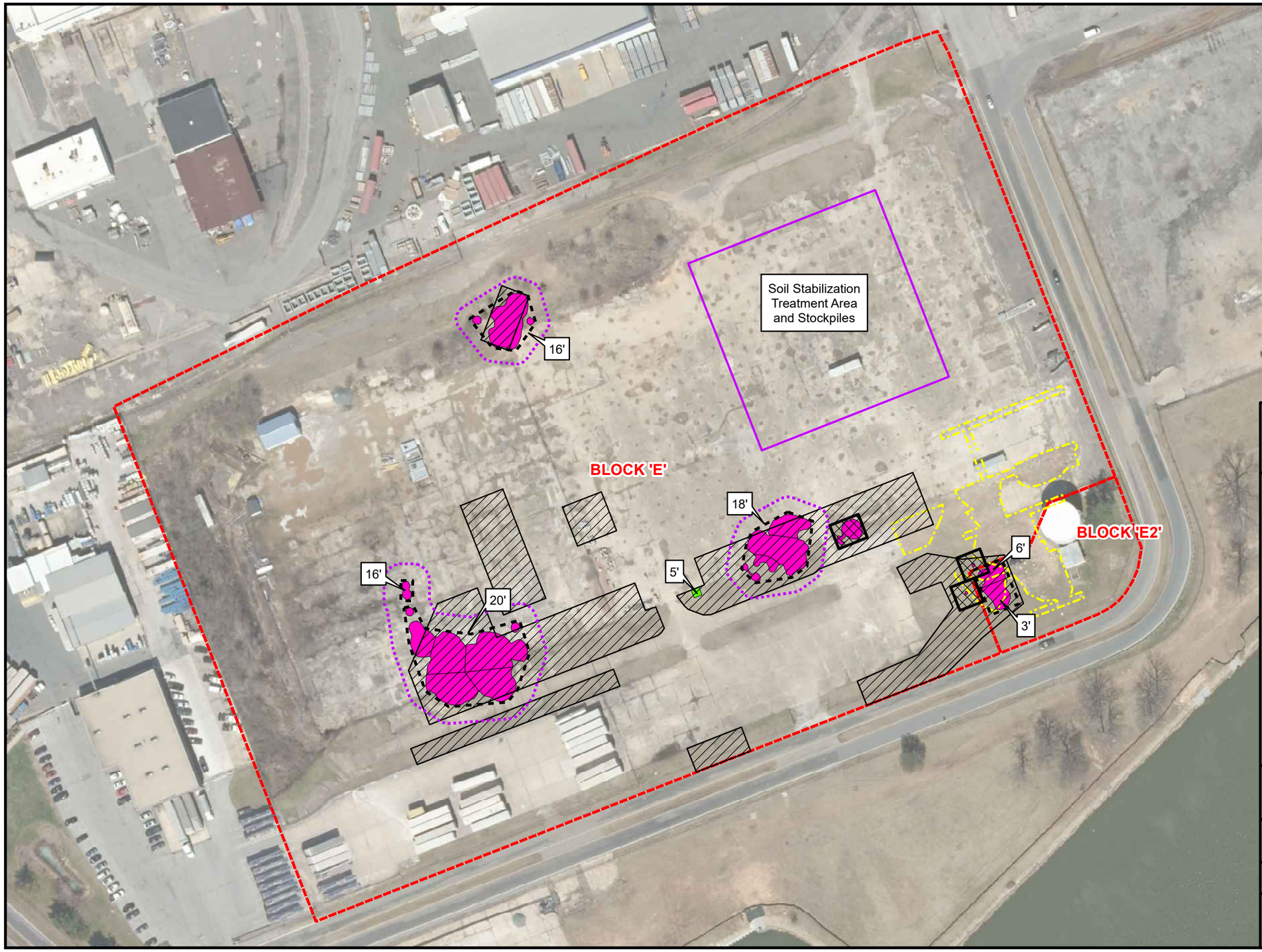

FIGURE 5-22

ALTERNATIVE 6

LEGEND

- Soil Excavation to a Depth of 2 Feet
- Soil Excavation to a Depth of 3 Feet
- Top of Excavation (1:1 wall slope)
- Extent of Subsurface Soil Excavation at Bottom of Excavation (1:1 wall slope)
- 18' Depth of Subsurface Soil Excavation
- PCB Isoconcentration Line of 58 mg/kg *
- BaPEq Only Subsurface Excavation (Conventional Excavation)
- Approximate Limit of Groundwater Response Action Excavation
- Tax Block

* Isocontour polygons created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

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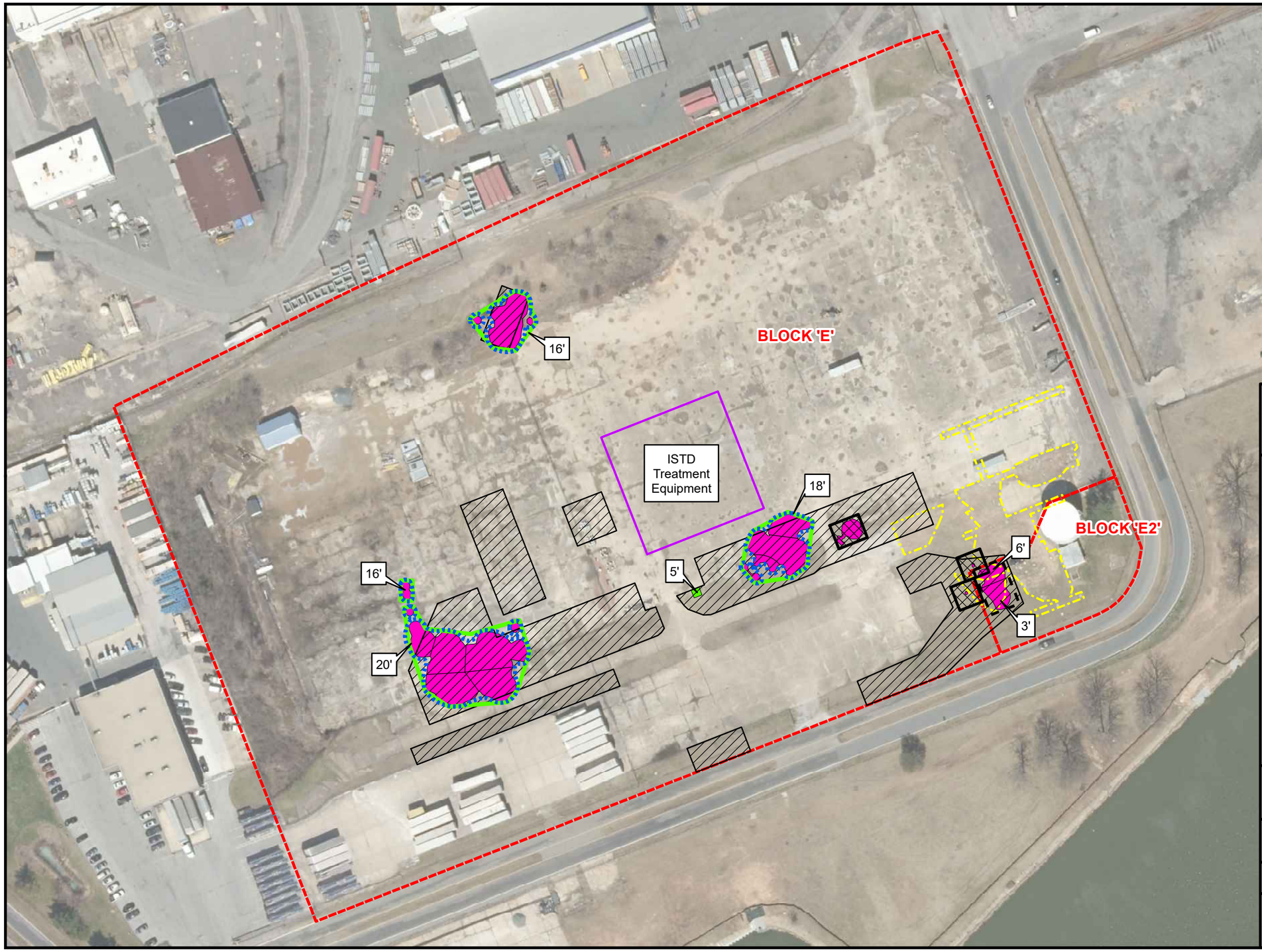

FIGURE 5-23

ALTERNATIVE 7

LEGEND

- Soil Excavation to a Depth of 2 Feet
- Soil Excavation to a Depth of 3 Feet
- Extent of In Situ Thermal Desorption
- Extent of Shoring
- Extent of Conventional Subsurface Soil Excavation
- 18' — Depth of In Situ Thermal Desorption or Conventional Excavation
- PCB Isoconcentration Line of 58 mg/kg *
- BaPEq Only Subsurface Excavation (Conventional Excavation)
- Approximate Limit of Groundwater Response Action Excavation
- Tax Block

* Isocontour polygons created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

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Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

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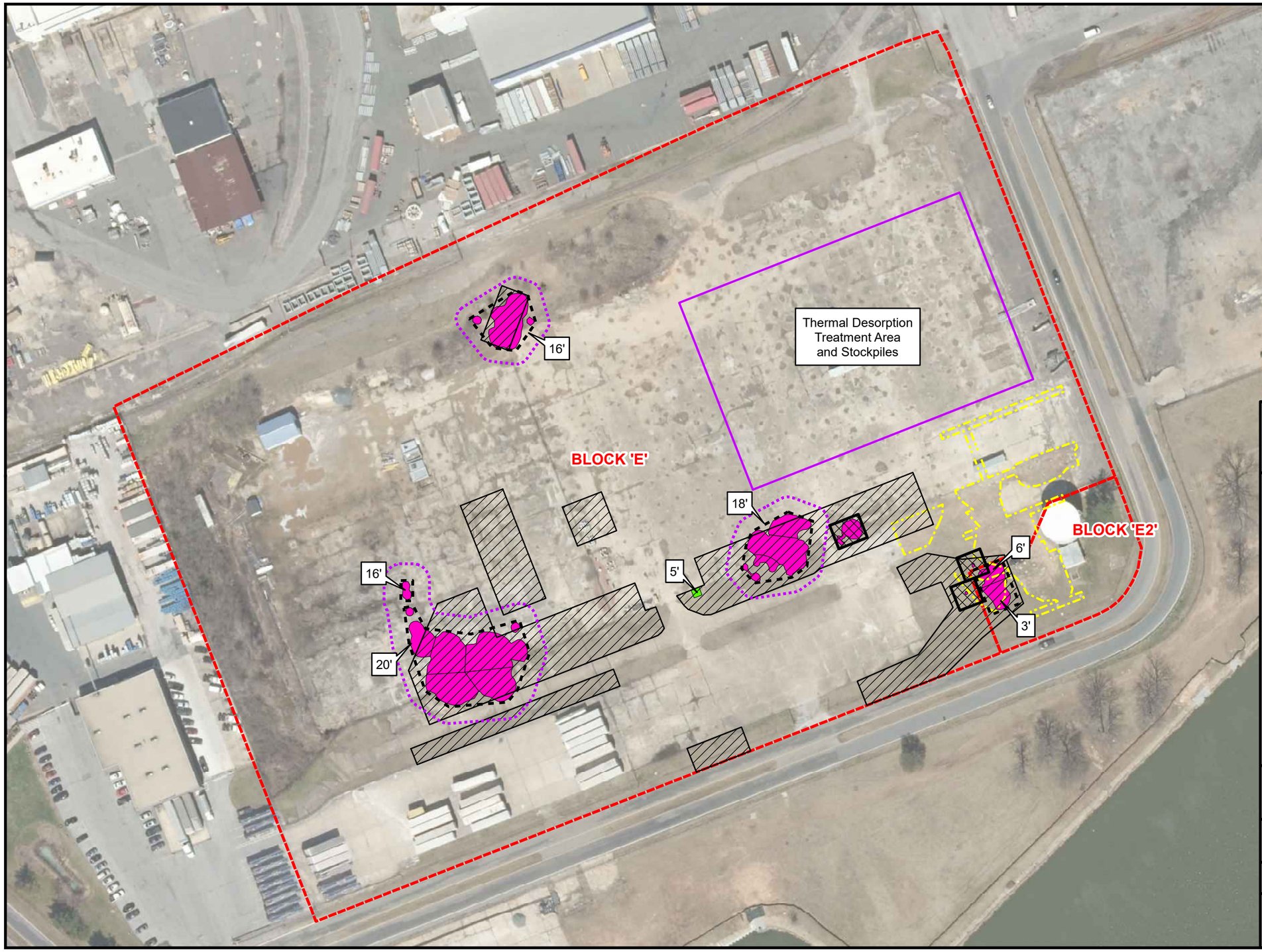

FIGURE 5-24

ALTERNATIVE 8

LEGEND

- Soil Excavation to a Depth of 2 Feet
- Soil Excavation to a Depth of 3 Feet
- Top of Excavation (1:1 wall slope)
- Extent of Subsurface Soil Excavation at Bottom of Excavation (1:1 wall slope)
- 18' Depth of Subsurface Soil Excavation
- PCB Isoconcentration Line of 58 mg/kg *
- BaPEq Only Subsurface Excavation (Conventional Excavation)
- Approximate Limit of Groundwater Response Action Excavation
- Tax Block

* Isocontour polygons created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

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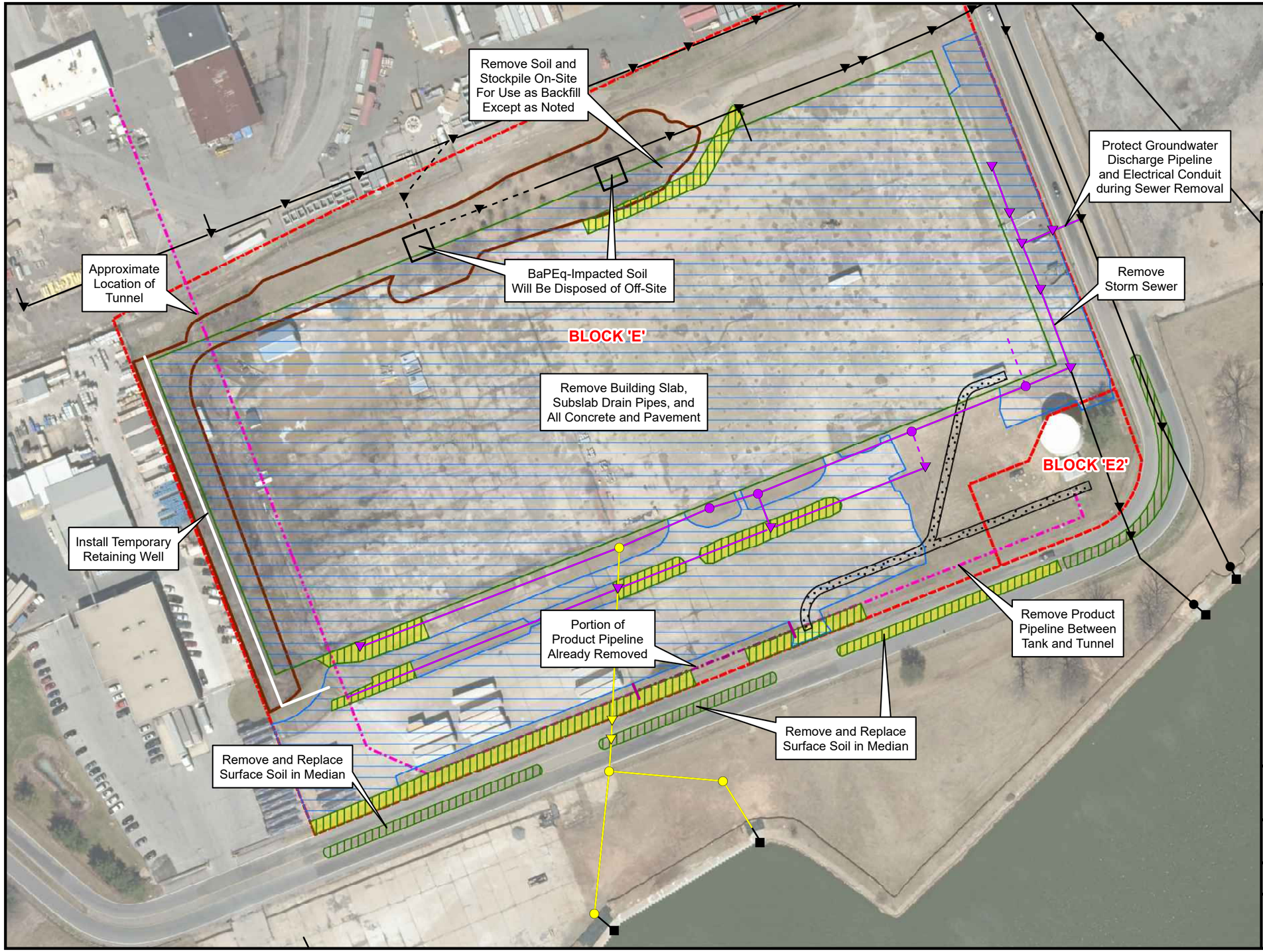

FIGURE 5-25

COMMON ELEMENTS

LEGEND

- Storm Sewer Manhole to be Removed
- Storm Sewer Catch Basin to be Removed
- Confirmed Storm Sewer Line to be Removed
- Approximate Storm Sewer Line to be Removed
- Storm Sewer Manhole to be Removed and Replaced
- Storm Sewer Catch Basin to be Removed and Replaced
- Confirmed Storm Sewer Line to be Removed and Replaced
- Storm Sewer Manhole to Remain
- Storm Sewer Catch Basin to Remain
- Storm Sewer Outfall to Remain
- Confirmed Storm Sewer Line to Remain
- Approximate Storm Sewer Line to Remain
- Former Product Line To Be Removed
- Crushed Stone Road for Access to Groundwater Treatment Systems
- Concrete and Pavement To Be Removed
- Surface Soil in Median To Be Removed
- Surface Soil to be Removed to Prevent Sediment Impacts per RAO No. 2
- Outline of Former Building D
- Approximate Extent of Existing Soil Piles
- Tax Block

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

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FIGURE 5-26

GROUNDWATER MONITORING WELLS FOR POST-EXCAVATION SAMPLING BLOCK E

LEGEND

- Monitoring Well
- MRC-MW113A — Monitoring Well To Be Sampled
- Tax Block

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 50 100 Feet

N

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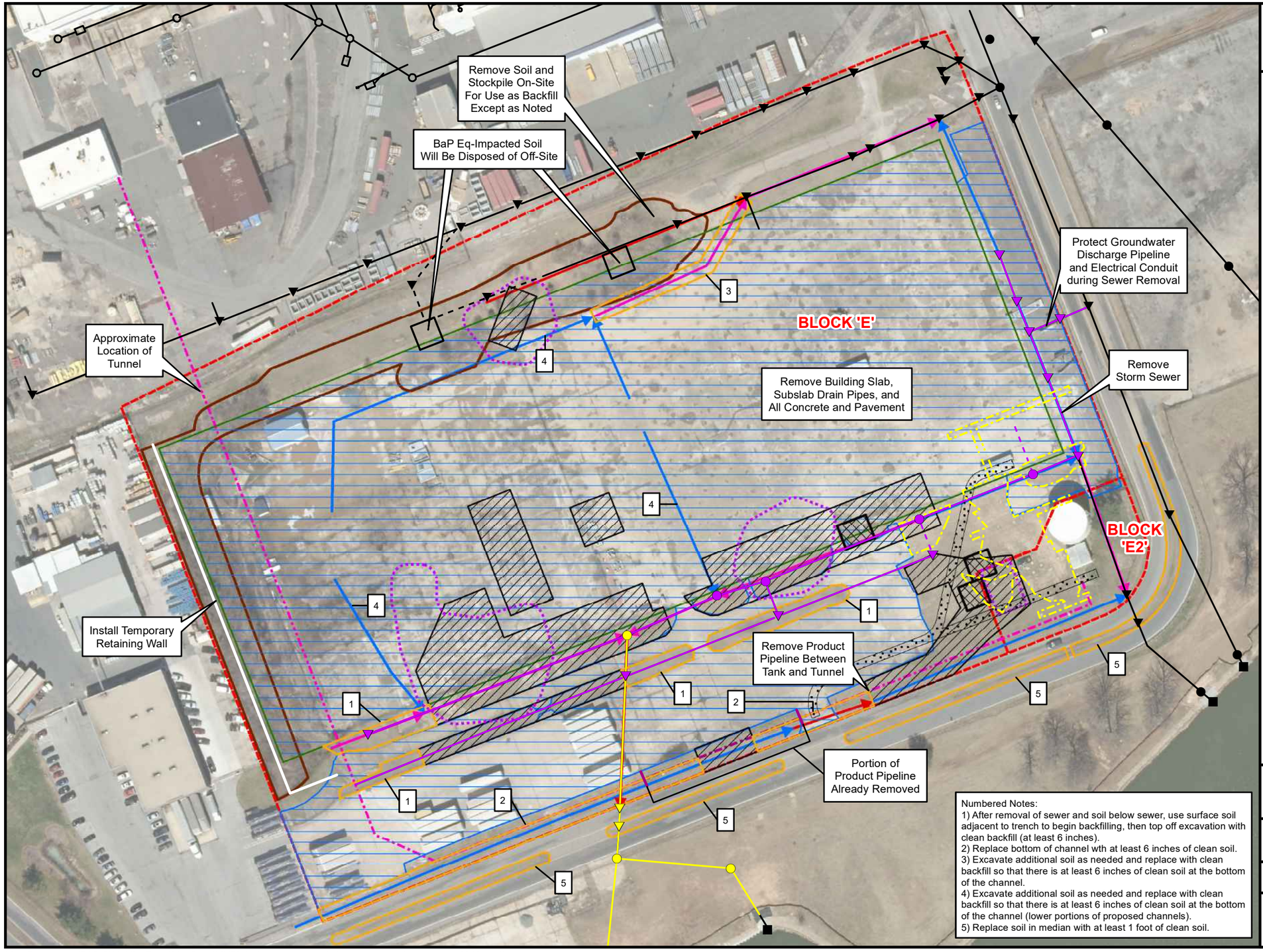

FIGURE 7-1

COMBINED ACTIVITIES

LEGEND

Proposed Replacement Storm Sewer Lines - See Appendix J

- Channel
- Pipe
- Pipe / Channel
- Storm Sewer Manhole to be Removed
- Storm Sewer Catch Basin to be Removed
- Confirmed Storm Sewer Line to be Removed
- Approximate Storm Sewer Line to be Removed
- Storm Sewer Manhole to be Removed and Replaced
- Storm Sewer Catch Basin to be Removed and Replaced
- Confirmed Storm Sewer Line to be Removed and Replaced
- Storm Sewer Manhole to Remain
- Storm Sewer Catch Basin to Remain
- Storm Sewer Outfall to Remain
- Confirmed Storm Sewer Line to Remain
- Approximate Storm Sewer Line to Remain
- Former Product Line To Be Removed
- Concrete and Pavement To Be Removed
- Soil Excavation to a Depth of 2 Feet
- Soil Excavation to a Depth of 3 Feet
- Extent of Deep Soil Excavation
- Crushed Stone Road for Access to Groundwater Treatment Systems
- Outline of Former Building D
- Approximate Extent of Existing Soil Piles
- Approximate Limit of Groundwater Response Action Excavation
- Tax Block
- Surface Soil Replacement to Meet RAO No. 2, per Numbered Notes
- 2 See Numbered Notes

2017 aerial photograph provided by the State of Maryland.

Numbered Notes:
1) After removal of sewer and soil below sewer, use surface soil adjacent to trench to begin backfilling, then top off excavation with clean backfill (at least 6 inches).
2) Replace bottom of channel wth at least 6 inches of clean soil.
3) Excavate additional soil as needed and replace with clean backfill so that there is at least 6 inches of clean soil at the bottom of the channel.
4) Excavate additional soil as needed and replace with clean backfill so that there is at least 6 inches of clean soil at the bottom of the channel (lower portions of proposed channels).
5) Replace soil in median with at least 1 foot of clean soil.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 60 120 Feet

N

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02/28/19 -- JEE

TABLES

**Table 4-1 Preliminary Remediation Goals (PRGs)
for Industrial and Construction Workers - Block E Soil**

**Table 4-2 Summary of Selected Chemicals of Concern
for Block E Soil Remedial Action Plan**

**Table 5-1 Chemical-Specific Applicable or Relevant and Appropriate Requirements and
To Be Considered Guidance**

**Table 5-2 Location-Specific Applicable or
Relevant and Appropriate Requirements**

**Table 5-3 Action-Specific Applicable
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**Table 5-4 Remedial Action Objectives
and General Response Actions**

Table 5-5 Results of Preliminary Technology Screening

Table 5-6 Technologies and Process Options for Soil Response Action

Table 5-7 Development of Remedial Alternatives

Table 5-8 Retained and Eliminated Alternatives Based on Preliminary Screening

Table 5-9 Comparative Analysis of Alternatives

Table 5-10 Criteria Weighting and Ranking

**Table 6-1 Potential Contingencies, Based on
the Results of Post-Remedial Action Sampling**

**Table 7-1 Atomic Energy Commission Regulatory Guide:
Acceptable Surface-Contamination Levels**

**Table 7-2 Backfill Material Acceptance Criteria Block E,
Soil Remedial Action Plan**

Table 4-1

Preliminary Remediation Goals (PRGs) for Industrial and Construction Workers—Block E Soil Lockheed Martin Middle River Complex, Middle River, Maryland

Chemical of Concern	Surface soil (mg/kg)	Risk-based basis for PRG	Subsurface soil (mg/kg)	Risk-based basis for PRG
Aroclor 1254	7[(1)]	Construction worker; hazard index = 1	7 [(2)]	Construction worker; hazard index = 1
Total PCBs; Aroclor 1260	10[(3)]	Industrial worker; 1×10^{-5} cancer risk level	58[(3)]	Construction worker; 1×10^{-5} cancer risk level
BaPEq	2.9[(3)]	Industrial worker; 1×10^{-5} cancer risk level	10[(2)]	Construction worker; hazard index = 1
TCE	3.9[(1)]	Construction worker; hazard index = 1	3.9[(2)]	Construction worker; hazard index = 1
1,2,4-TCB	330[(1)]	Industrial worker; hazard index = 1	530[(2)]	Construction worker; hazard index = 1

Notes:

[(1)]Lowest value from cancer and non-cancer based PRGs calculated for industrial and construction workers.

[(2)]Lowest value from cancer and non-cancer based PRGs calculated for construction workers.

[(3)]The cancer-risk-based PRGs for these chemicals were adjusted to assure that the cumulative cancer risk resulting from exposure to both total PCBs and BaPEq does not exceed 1×10^{-5}.

BaPEq = benzo(a)pyrene equivalents
mg/kg = milligram(s) per kilogram
PRGs = preliminary remedial goal
Total PCBs = total polychlorinated biphenyls (e.g., the sum of Aroclor 1254 and 1260).
TCE = trichloroethene
1,2,4-TCB = 1,2,4-trichlorobenzene

Table 4-2

Summary of Selected Chemicals of Concern for Block E Soil Remedial Action Plan Lockheed Martin Middle River Complex, Middle River, Maryland

Receptor	Location	Environmental medium	Cancer risk drivers	Noncancer risk drivers	Reference
Industrial workers, Construction workers	All Block E soil	Surface soil 0–2'	Aroclor 1260, BaPEq	1,2,4-TCB, Aroclor 1254	Tax Block HHRA Tetra Tech 2012
Construction workers	Subsurface soil, excluding other Sub-Areas	Subsurface soil 2–20'	No COC	No COC	Table B-2 RRA Attachment B
	Transformer Room #2 Sub-area	Subsurface soil 2–20'	Aroclor 1260	No COC	Table B-3 RRA Attachment B
	Transformer Room #3 Sub-area	Subsurface soil 2–20'	Aroclor 1260	1,2,4-TCB	Table B-4 RRA Attachment B
	Transformer Room #4 Sub-area	Subsurface soil 2–20'	Aroclor 1254, Aroclor 1260, BaPEq	1,2,4-TCB, Aroclor 1254	Table B-5 RRA Attachment B
	Southeast Sub-area	Subsurface soil 2–20'	Aroclor 1254, TCE	Aroclor 1254, TCE	Table B-6 RRA Attachment B

Notes:

1,2,4-TCB = 1,2,4-trichlorobenzene
BaPEq = benzo(a)pyrene equivalents
COC = chemical(s) of concern
HHRA = human health risk assessment
RRA = residual risk analysis
TCE = trichloroethene

Table 5-1

Chemical-Specific Applicable or Relevant and Appropriate Requirements and To Be Considered Guidance
Block E Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland

Requirement	Citation	Status	Synopsis	Evaluation/Action to be Taken
State				
Cleanup Standards for Soil and Groundwater	Maryland Annotated Code 7-508	To be considered	This guidance document presents the approach and supporting documentation used to develop numeric cleanup standards for hazardous substances in soil and groundwater in the State of Maryland.	These non-promulgated standards may be considered for use in determining cleanup goals for soil in the absence of site-specific risk-based criteria.
Federal				
None				

Table 5-2

Location-Specific Applicable or Relevant and Appropriate Requirements
Block E Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex,
Middle River, Maryland

Requirement	Citation	Status	Synopsis	Evaluation/Action to be Taken
Federal				
Endangered Species Act Regulations	50 CFR Parts 81, 225, and 402	applicable	This act requires federal agencies to take action to avoid jeopardizing the continued existence of federally listed endangered or threatened species.	If a site investigation or remediation could potentially affect an endangered species or their habitat, these regulations would apply. (There have been no endangered species or their habitat identified at the MRC.)
Historic Sites Act Regulations	36 CFR Part 62	applicable	Requires federal agencies to consider to existence and location of landmarks on the National Registry of Natural Landmarks to avoid undesirable impacts on such landmarks.	The existence of national landmarks will be identified prior to remedial activities on site including remedial investigations. (No national landmarks have been identified at the MRC.)
State				
Nongame and Endangered Species Conservation Act	Annotated Code of Maryland 10-2A-01; COMAR 08.03.08 and 08.02.12.	applicable	Requires state agencies to use their authority to maintain and enhance nongame wildlife and endangered species populations.	If a site investigation or remediation could potentially affect an endangered species or their habitat, these regulations would apply. (No endangered species or habitats have been identified at the MRC.)
Division of Historical and Cultural Programs	Annotated Code of Maryland 5A	applicable	The Maryland Historic Trust formed in 1961 to preserve, protect, and enhance districts, sites, buildings, structures, and objects significant in the prehistory, history, upland and underwater archeology, architecture, engineering, and culture of Maryland.	The existence of Maryland historic sites would be identified prior to remedial activities on site including remedial investigations. (No historic sites have been identified at the MRC.)

CFR – Code of Federal Regulations
COMAR – Code of Maryland Regulations
MRC – Middle River Complex

Table 5-3

Action-Specific Applicable or Relevant and Appropriate Requirements
Block E Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland

Requirement	Citation	Status	Synopsis	Evaluation/Action to be Taken
Federal				
Toxic Substance Control Act	15 U.S.C. 2605; 40 CFR 761.60, .61, and .70	applicable	Management and disposal of materials containing polychlorinated biphenyls (PCBs).	Toxic Substance Control Act is considered for disposal of soils with PCB concentrations greater than 50 milligrams per kilogram.
Resource Conservation and Recovery Act (RCRA) Regulations, Identification and Listing of Hazardous Wastes	40 Code of Federal Regulations (CFR) Part 261 Subparts A, B, C, and D	applicable	Defines the listed and characteristic hazardous wastes subject to RCRA. Appendix II contains the toxicity characteristic leaching procedure (TCLP).	These regulations would apply when determining whether groundwater and soil cuttings from wells are hazardous, either by being listed, or by exhibiting a hazardous characteristic.
RCRA Regulations, Standards Applicable to Generators	40 CFR 262, Subparts A, B, C, and D	applicable	Establishes manifesting, pre transport, and recordkeeping requirements for hazardous waste.	These regulations would apply to sampling waste, if determined to be hazardous.
RCRA Regulations, Use and Management of Containers	40 CFR Part 264, Subpart I	applicable	Sets standards for the storage of containers of hazardous waste.	This requirement would apply if a response action alternative involves the storage of a hazardous waste (i.e., purge water) in containers prior to treatment or disposal. Maryland is a delegated RCRA state, so refer to Maryland regulations.
Clean Water Act NPDES Regulations (Stormwater Discharge)	40 CFR 122.26	applicable	Requires implementation of erosion and sediment control best management practices and permitting of storm water discharges during construction activities.	Response action has to implement best management practices for erosion and sediment control to minimize runoff and migration of soils and sediments and meet storm water discharge requirements for construction activities.
Clean Water Act NPDES Regulations (Discharge during implementation of the Remedial Alternative)	40 CFR 122.41, 122.44, and 122.45	applicable	Requirement of an NPDES permit if groundwater from dewatering requires treatment prior discharge to surface water.	If water is generated from dewatering excavations, then water would be treated prior to discharge to surface water.

Table 5-3

Action-Specific Applicable or Relevant and Appropriate Requirements
Block E Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland

Requirement	Citation	Status	Synopsis	Evaluation/Action to be Taken
Federal (Continued)				
Migratory Bird Treaty Act	16 USC 703-711	applicable	Protects migratory birds and their nests.	Proposed response action will not kill migratory birds or destroy their nests and eggs.
State				
Maryland Hazardous Waste Management System – Identification	Code of Maryland Regulations (COMAR) 26.13.02	applicable	Identifies definitions and methods of identification of hazardous waste.	These regulations would apply when determining whether groundwater, and soil cuttings from wells are hazardous, either by being listed, or by exhibiting a hazardous characteristic.
Maryland Hazardous Waste Management System – Generators	COMAR 26.13.03	applicable	Establishes manifesting, pre-transport, and recordkeeping requirements for hazardous waste.	These regulations would apply to sampling waste, if determined to be hazardous.
Maryland General Permit for Construction Activity	COMAR 26.17.01 and -.02	applicable	Establishes requirements for stormwater management and erosion and sediment control at construction sites.	Response actions involving excavation would require submittal of an erosion and sediment control plan and a stormwater management plan during land disturbance in accordance with Maryland Stormwater Design Manual (Volume I & II), latest revision.
Air Quality – Particulate Matter	COMAR 26.11.06.03D	applicable	During construction, reasonable precautions to prevent particulate matter from becoming airborne must be taken.	Fugitive dust generated during soil management will be controlled, for example by the use of water sprays.
Maryland Pollutant Discharge Elimination System: Water Quality, Discharge Limitations and Discharge Permit Limits	COMAR 26.08.02, 26.08.03, and, 26.08.04.02.	applicable	These standards govern discharge of water into surface waters.	Groundwater from dewatering would be treated as required prior to discharge to surface water.

Table 5-3

Action-Specific Applicable or Relevant and Appropriate Requirements
Block E Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland

Requirement	Citation	Status	Synopsis	Evaluation/Action to be Taken
State (Continued)				
Water Pollution Surface Water Quality Criteria	COMAR 26.08.02.03	applicable	Establish minimum standards for surface water quality for each designated use. Standards are available for the protection of human health and the protection of aquatic life.	Considered for determining effluent criteria for alternatives that involve discharges to surface water.
Local				
Baltimore County Grading Permit	Not Available	applicable	A grading permit is required for grading or land disturbance greater than 5,000 square feet.	The permit will be needed for the large excavation activity

ARARs – applicable or relevant and appropriate requirements
CAA – Clean Air Act
CERCLA – Comprehensive Environmental Response Compensation, and Liability Act
CFR – Code of Federal Regulations
COMAR – Code of Maryland Regulations
LDRs – land disposal restrictions
MDE – Maryland Department of the Environment
NAAQS – National Ambient Air Quality Standards
OSHA – Occupational Safety and Health Act
PCB – polychlorinated biphenyl
RCRA – Resource Conservation and Recovery Act
TCLP – toxicity characteristic leaching procedure
TSDF – treatment, storage, and disposal facility
USC – United States Code

Table 5-4

Remedial Action Objectives and General Response Actions
Block E Soil Remedial Action Plan
Lockheed Martin Middle River Complex, Middle River, Maryland

Remedial Action Objectives	General Response Actions					
	No Action	Institutional Controls	Containment	Treatment – *in situ* or *ex situ*	Removal	Disposal (off-site)
Reduce site-related chemicals of concern (COC) in Block E soils to not exceed a cumulative 1×10^{-5} human health cancer-risk level and to less than a cumulative non-carcinogenic hazard index of 1 for industrial workers and construction workers.		X	X	X	X	X
Prevent transfer of polychlorinated biphenyls to the extent practicable from surface soil and storm drains to discharged stormwater at concentrations that would impact the sediment remedy.			X	X	X	X
Prevent to the extent practicable leaching of PCBs and 1,2,4-trichlorobenzene from soil to groundwater at concentrations that would impact surface water concentrations.			X	X	X	X

COC - chemical(s) of concern
HI - hazard index
PCBs - polychlorinated biphenyls

Table 5-5

Results of Preliminary Technology Screening
Block E Soil Remedial Action Plan
Middle River Complex, Middle River, Maryland

General Response Action	Remedial Action Technology	Process Option	Description	Quantitative Screening Based on Criteria Below					Results		
				Effectiveness (Primary)			Implementability	Relative Cost			
				Effectiveness in Handling Volumes of Impacted Media	Impacts during Implementation	Reliability			Screening Comment	Retain	Eliminate
No Action	None	Not Applicable	No activities conducted in the block to address contamination.	Not Applicable	Not Applicable	Not Reliable	Easily Implementable	Low Cost	Retained for baseline comparison	✓	
Limited Action	Land Use Controls	Site Use Restrictions	Administrative action using excavation permits and other land use prohibitions to restrict future site activities.	Effective	No Impacts During Implementation	Technology is reliable provided land use restrictions and, excavation restrictions are well documented and implemented.	Easily Implementable	Low Cost	This technology would leave soil contaminants in place but will lower risk, and will meet remedial action objectives (RAOs) provided it is used with another treatment technology. Erosion would transport surface soil to sediment.	✓	
Containment	Capping	Soil Cover/Cap that meets TSCA requirements	Various types of capping systems to meet the TSCA requirements for to prevent or minimize human exposure, infiltration of water, and erosion.	Effective in containing and covering impacted soils.	Large quantities of material for capping will have to be transported to the block.	Reliable	Easily implementable	Moderate Cost	This technology will meet the remedial objectives of eliminating risk pathways and transport to sediment, but does not affect mobility of PCBs already in the groundwater, and will not reduce volume and toxicity of contaminants.	✓	

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Block E Soil Remedial Action Plan
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				Effectiveness in Handling Volumes of Impacted Media	Impacts during Implementation	Reliability					
In Situ Treatment	Physical/ Chemical	Vitrification	*In situ* vitrification (ISV) is an *in situ* solidification/stabilization technology which uses an electric current to melt soil or other earthen materials at extremely high temperatures (1,600 to 2,000 °C or 2,900 to 3,650 °F) and thereby immobilize most inorganics and destroy organic pollutants by pyrolysis. Inorganic pollutants are incorporated within the vitrified glass and crystalline mass. Water vapor and organic pyrolysis combustion products are captured in a hood, which draws the contaminants into an off-gas treatment system that removes particulates and other pollutants from the gas. The vitrification product is a chemically stable, leach-resistant, glass and crystalline material similar to obsidian or basalt rock.	Not effective due to shallow groundwater table and large quantities of energy required.	ISV is a high-temperature thermal process; therefore, off-gas collection (e.g., off-gas collection hood) and treatment are required.	Reliable	Requires large amounts of energy	High Cost	The solidified materials in soils may hinder other groundwater treatment technologies. Future land use may be limited.		✓
		Soil mixing with nano-scale zero valent iron (ZVI) or emulsified nano-scale ZVI	Remediation with zero valent iron (Fe^0) degrades recalcitrant chemicals by reductive processes. ZVI has been used in the permeable reactive barrier (PRB) to treat halogenated VOCs and heavy metals. Nano-scale ZVI was developed to further enhance its effectiveness and the clean-up time. This technology involves mixing soil with nano-scale ZVI and an environmentally benign surfactant (food grade) or emulsifier such as vegetable oil.	This technology is potentially applicable to PCBs. The pH increase and ORP decrease would be beneficial for accelerated reductive biodegradation. The nano-scale ZVI remains reactive in soils for extended periods of time (> 4-8 weeks).	Large quantities of soils must be processed. Large quantity of ZVI may have to be transported to the site.	Remediation with ZVI is an emerging technology for PCBs.	Requires a bench-scale and/or a pilot-scale testing prior to implementation. ZVI solids will be difficult to mix into clay and clayey soils.	High Cost	Eliminated. High Cost, uncertain reliability, and concerns with introducing nano-particles into the environment.		✓
		Surfactant enhanced *in situ* chemical oxidation	This technology uses the chemical oxidants, typically including peroxide, ozone, persulfate, and permanganate to destroy organic contaminants. This technology has been further enhanced using surfactants to solubilizes the COC in soils and subsequently oxidize them. Plant oil-based cosolvents are commonly used as a surfactant. Oxidant delivery systems often employ vertical or horizontal wells.	Effective. Among commonly used oxidants, peroxone (ozone/peroxide) is known to destroy all organic COC at the site, including PAHs and PCBs, and possibly other chlorinated compounds.	Requires large quantities of hazardous chemicals; health and safety concern.	Reliable	Requires a bench-scale and/or a pilot-scale testing prior to implementation. Clay and clayey soils will be difficult to mix and contact with reagents.	High Cost	Can potentially mobilize PCBs. Eliminated due to high costs and health and safety concerns.		✓
		Electrokinetic separation	The electrokinetic remediation (ER) process relies on application of a low-intensity direct current through the soil between ceramic electrodes that are divided into a cathode array and an anode array. Metals ions move toward the cathode, whereas anions move toward the anode. The current creates an acid front, which helps mobilize sorbed metals for transport to the collection system at the cathode. This technology is applicable in low permeability soils.	This technology can address both metals and organic contaminants, but few applications with PCBs. Enhanced removal mechanism provides transport of metals toward the polarized electrodes for subsequent removal.	Will require the use of other technologies (e.g. pumping water with mobilized contaminants, followed by *ex situ* treatment)	Not reliable since little known about effectiveness of technology in commercial applications.	Significant challenges. Mobilized inorganic contaminants in groundwater will have to be extracted (pump and treat)	High Cost	There have been few, if any, commercial applications of electrokinetic remediation in the United States.		✓

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				Effectiveness (Primary)			Implementability	Relative Cost	Screening Comment	Retain	Eliminate
				Effectiveness in Handling Volumes of Impacted Media	Impacts during Implementation	Reliability					
In Situ Treatment (continued)	Physical/ Chemical (continued)	Soil flushing	*In situ* flushing is accomplished by passing the extraction fluid (e.g., surfactants) through in-place soils using an injection or infiltration process.	This technology can be used to extract inorganics in soils and possibly organics such as PAHs.	A large quantity of surfactant may have to be transported to the site, and large volumes of extraction fluid must be recovered	There has been little commercial success with this technology. Not reliable since it mobilizes contaminants and the extraction fluid has to be recovered to recover contaminants of concern (COC).	Requires a bench-scale and/or a pilot-scale testing prior to implementation. Distribution of fluid through clay and clayey soil will be difficult. Groundwater at the site is shallow which could cause mobilized COC to impact the surface water near the site. Will require precise control of the flushing to recover all the surfactant and mobilized COC.	High Cost	This technology has had little commercial success; technology is not reliable because it mobilizes contaminants and the extraction fluid has to be recovered to recover COC. Eliminated.		✓
		Soil vapor extraction (SVE)	Vacuum is applied through extraction wells to create a pressure/concentration gradient that induces gas-phase volatiles to diffuse through soil to extraction wells. The process must include a system for handling off-gases. This technology also is known as *in situ* soil venting, *in situ* volatilization, enhanced volatilization, or soil vacuum extraction.	This technology is typically applicable to VOCs and not PCBs and PAHs since they are not volatile. Would not be effective in the saturated zone.	No major impacts, will require installation of SVE wells and vapor collection piping network.	Reliable when applied to VOCs in the vadose zone.	Can be easily implemented, but low permeability soils would require a high density of wells.	Moderate Cost	Not effective for PCBs and PAHs. Eliminated.		✓
		Thermally enhanced SVE – *in situ* thermal desorption	Thermally enhanced SVE is a technology that uses electrical resistance to increase the volatilization rate of VOCs and SVOCs. Electromagnetic/radio frequency heating, hot air, or steam injection may also be used. This process is otherwise similar to standard SVE and includes a system for handling off-gases.	This technology is typically applicable to VOCs and not PCBs since PCBs are not volatile.	Will require installation of extraction wells and vapor collection piping network.	No performance data are available for PCBs.	Requires significant heating of soils.	Moderate to High Cost	Not effective for PCBs. Eliminated.		✓
		In situ thermal desorption (ISTD)	ISTD is a thermal remediation technique by which thermal conductive heating (to 350 °C) is used to heat the predetermined treatment zone while slight vacuum is applied to the subsurface to extract soil vapors.	This technology is typically applicable to COC that are not very volatile at ambient temperatures, such as PCBs.	Will require installation of heating and extraction wells and vapor collection piping network.	Performance data are available for PCBs.	Requires significant heating of soils.	High Cost	Retained.	✓	

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				Effectiveness in Handling Volumes of Impacted Media	Impacts during Implementation	Reliability					
In Situ Treatment (continued)	Physical/ Chemical (continued)	*In situ* stabilization	Mixing of chemical agents to bind, solidify, and reduce contaminant mobility. Binding agents are applied using a large diameter auger. Contaminants are physically bound or enclosed within a stabilized mass (solidification), or chemical reactions are induced between the stabilizing agent and contaminants to reduce their mobility (stabilization).	Well understood technology, can be utilized in areas with PCBs and PAHs.	Multiple overlapping borings are required. Volume increase after treatment may require off-site disposal of excess.	Long-term effectiveness is uncertain due to possible incompatibility between stabilizing agents.	Easily implementable with traditional construction techniques. Bench tests are required to determine stabilizing agents and effectiveness on site soils.	Moderate to High Cost	Retained. Would also prevent erosion of soil to sediment. Further evaluation will consider results of bench tests performed in 2017-2018.	✓	
	Biological	Enhanced bioremediation (aerobic)	Enhanced bioremediation is a process in which indigenous or inoculated microorganisms degrade organic contaminants in soils, converting them to innocuous end products. It typically involves the percolation of groundwater or potable water mixed with nutrients and saturated with dissolved oxygen. Acclimated organisms or other inoculum are also added. An infiltration gallery or spray irrigation is typically used for shallow contaminated soils, while injection wells are used for deeper contaminated soils.	The effectiveness of bioremediation is limited at sites with high concentrations of COC that are toxic to microorganisms and the presence of non-aqueous phase liquid (NAPL).	Bioremediation will take a long time to implement.	Bioremediation has not been documented to be very effective for removal of PCB or PAHs with more than two rings.	Requires a bench-scale and/or a pilot-scale test to determine oxygen and nutrient requirements.	Low to Moderate Cost.	Eliminated. For highly chlorinated compounds such as PCBs, aerobic bioremediation alone may not be effective unless an anaerobic step precedes.		✓
		Enhanced bioremediation (anaerobic)	In the absence of oxygen, microorganisms can metabolize organic contaminants to methane and carbon dioxide. With similar techniques employed in aerobic bioremediation, nutrients, microorganisms, and electron donors often are provided to promote anaerobic degradation of chlorinated compounds (reductive dechlorination) in the subsurface.	While anaerobic biodegradation of PCBs has been demonstrated, evidence to date does not support degradation of all congeners.	Bioremediation will take a long time to implement.	This technology is not reliable for reaching PRGs for PCB and PAHs.	Requires a bench-scale and/or a pilot-scale test to determine electron donor and nutrient requirements.	Low to Moderate Cost.	Eliminated.		✓
		Bioventing	Oxygen is delivered to contaminated unsaturated soils by forced aeration (either extraction or injection of air) to increase oxygen concentrations and stimulate biodegradation. In contrast to soil vapor extraction, bioventing uses low air flow to provide only enough oxygen to sustain microbial activity.	The presence of clayey soils, reduces bioventing performance significantly.	Bioremediation will take a long time to implement. Wells and piping network will affect site use.	Bioremediation has not been documented to be very effective for removal of PCB or PAHs with more than two rings.	Easily implementable with standard construction techniques, but low permeability soils would require a high density of wells.	Low to Moderate Cost.	Eliminated. PCBs are very recalcitrant and their degradation would be very slow		✓
		Phytoremediation	Use of selected plants cultivated in contaminated soil for uptake of metallic contaminants or enhancement of biodegradation of organic contaminants by indigenous microorganisms in the root zone.	Is effective only on soils that are in the root zone of plants that are used for phytoremediation.	Phytoremediation will take a long time to implement. Plant coverage will prevent site use.	May not be effective for PAHs or PCBs. Will require plant screening studies to assess effectiveness.	Significant implementability challenges.	Low to Moderate Cost.	Eliminated. This technology has limited demonstrated effectiveness for areas with high levels of PCBs.		✓

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Removal	Excavation	Conventional equipment excavation	Contaminated soil would be excavated using conventional equipment, such as backhoes, bulldozers, and clam shells. Dewatering would be needed prior to excavation of soil in saturated zone. In order to minimize excess excavation due to sloping on the sides of deep excavations, sheet piles may be installed.	Very effective in eliminating future risk and eliminating future exposure pathways, provided all areas with impacted soils have been identified.	Large quantities of soil have to be managed.	Reliable. Conventional equipment is used.	Easily implementable with traditional technology.	Moderate to High cost.	Retained for use with other technologies. Would also prevent erosion of soil to sediment.	✓	
	Excavation	Large diameter auger excavation	Contaminated soil would be excavated using large diameter (6 to 8 feet) augers. The boring would be backfilled with a flowable low-strength concrete to prevent collapse of the hole. Dewatering would be needed prior to excavation of soil in saturated zone.	Very effective in eliminating future risk and eliminating future exposure pathways, provided all areas with impacted soils have been identified.	Large quantities of soil have to be managed. Low strength concrete backfill may affect site re-use.	Uses specialized equipment used in construction.	Readily implementable but only by a limited number of contractors.	High cost.	Retained for use with other technologies.	✓	
Ex situ Treatment	Physical/ Chemical	Solidification/ stabilization	Mixing of chemical agents to bind, solidify, and reduce contaminant mobility. Contaminants are physically bound or enclosed within a stabilized mass (solidification), or chemical reactions are induced between the stabilizing agent and contaminants to reduce their mobility (stabilization).	Well understood technology, can be utilized in areas with PAHs and PCBs.	Large quantities of soils have to be processed. Because of volume increase after treatment some off-site disposal would be needed.	Long-term effectiveness is uncertain due to possible incompatibility between stabilizing agents.	Easily implementable with traditional construction techniques. Bench tests are required to determine stabilizing agents and effectiveness on site soils.	Moderate to High Cost	Retained. Would also prevent erosion of soil to sediment. Further evaluation will consider results of bench tests performed in 2017-2018.	✓	
		Chemical extraction	Chemical extraction does not destroy contaminants, but separate them from soils; therefore, reducing volume of hazardous waste that needs to be treated or disposed of. In general, contaminated soil and extractant are mixed in an extractor, dissolving the contaminants. The extracted solution is then placed in a separator, where the contaminants and extractant are separated for treatment and further use.	Potentially applicable to all COC at the site, but less effective on high molecular weight PAHs and PCBs and clayey soils. Chemical extraction alone cannot meet the clean-up goals. High level of fines difficult to treat.	Involves the excavation and handling of large volumes of soil and the treatment of large volumes of extraction solutions.	Reliability depends upon soil conditions/density	Readily implementable; but subsequent treatment processes are required to treat the extracted solution. Limited number of contractors.	High Cost	Eliminated. High capital cost may be required.		✓

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Ex situ Treatment (continued)	Physical/ Chemical (continued)	Soil washing	Unlike chemical extraction, soil washing is a water-based process. Contaminants sorbed onto fine soil particles are separated from bulk soil in an aqueous-based system. The wash water may be augmented with a basic leaching agent, surfactant, pH adjustment, or chelating agent to help remove organics and heavy metals.	Complex mixture of contaminants and heterogeneous soil matrix make it difficult to formulate a single solution that reliably removes all the COC. Sequential washing using different washing formulations may be required. High quantity of fines and clay will be difficult to treat.	Involves the excavation and handling of large volumes of soil, and the treatment of large volumes of washing solutions.	High concentrations of metals in site soils may interfere with extraction processes.	Readily implementable; but, subsequent treatment processes are required to treat the extracted solution. Limited number of experienced contractors.	Moderate to High Cost	Eliminated. Would require subsequent processing of large quantities of soils and washing solution.		✓
		Incineration	Only off-site incineration will be considered. High temperatures, 871-1,204 °C (1,600- 2,200 °F), are used to combust organic constituents in wastes in the presence of oxygen. There is no requirement for incineration of non-liquids regardless of concentration. Can be considered for hot spots to reduce future liability.	Effective, although fines and clay are more difficult to process.	Involves the excavation and off-site transport of large volumes of soil.	Reliable	Readily implementable, although there are few TSCA incineration facilities.	Moderate to High Cost	Retained. Can be used as alternative to landfilling for disposal.	✓	
		Thermal desorption	Wastes are heated to volatilize organic contaminants. A carrier gas or vacuum system transports volatilized organics to the gas treatment system. High temperatures will be required to remove PCBs from soils. The off-gas may require further treatment.	Effective, although fines and clay are more difficult to process.	Will require off-gas treatment.	May not be effective for all PAHs.	Requires large amounts of energy. Limited number of experienced contractors.	Moderate to High Cost	Retained for soils impacted with PCBs.	✓	
	Biological	Biopiles	Excavated soils are mixed with soil amendments and placed on a lined treatment area that includes leachate collection and aeration. This technology is used to treat organic contaminants in excavated soils through biodegradation. Moisture, heat, nutrient, oxygen, and pH need to be controlled. The designated treatment area will be covered or contained with an impermeable liner to minimize runoff and leaching contaminants into groundwater or other uncontaminated areas. Soil piles can be up to 20 feet high with an air distribution system buried under the soil piles.	Biopile technology has been used for treatment of halogenated and non-halogenated VOCs, SVOCs, and pesticides. Clayey soils would be difficult to manage and treat. However, its performance varies significantly at sites.	Substantial space would be required. Excavations would have to remain open until backfilled with treated soils. Bioremediation will take a long time to implement.	Reliability must be assessed through bench-scale testing. It is uncertain whether this technology is effective in treating PCBs and 1,2,4-TCB.	Easily implementable with standard construction techniques. However, a bench-scale and a pilot-scale test should be conducted to determine the biodegradability of COC at the site.	Moderate Cost	Eliminated. Effectiveness not demonstrated.		✓

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				Effectiveness in Handling Volumes of Impacted Media	Impacts during Implementation	Reliability					
Ex situ Treatment (continued)	Biological (continued)	Landfarming	Landfarming is a full-scale bioremediation technology similar to composting. Land Farming differs from composting because it incorporates contaminated soil into soil that is uncontaminated. Composting also generally takes place in aboveground piles. Contaminated soils are mixed with soil amendments such as soil bulking agents and nutrients, and then they are tilled into the earth. Liners are usually incorporated to control leaching of contaminants. Contaminated soils are periodically tilled for aeration. Contaminated soil is usually treated in lifts that are up to 18 inches thick. When the desired level of treatment is achieved, the lift is removed and a new lift is constructed.	This technology is only effective in the top 2 to 3 feet. In general, landfarming is not effective in treating high molecular weight PAHs and chlorinated compounds.	Requires substantial space. Must be properly managed to prevent off-site migration of contaminants. Bioremediation will take a long time to implement.	It is uncertain whether this technology is effective in treating PCBs and 1,2,4-TCB.	Easily implementable with standard construction techniques. However, a bench-scale and a pilot-scale test should be conducted to determine the biodegradability of COC at the site.	Moderate Cost	Eliminated. Effectiveness not demonstrated.		✓
		Composting	Composting is a biological process to convert organic contaminants to innocuous end products. Typically, thermophilic conditions (i.e., 54 to 65 °C) must be maintained. Soils are excavated and mixed with bulking agents such as wood chips and mixed to promote biodegradation.	Composting results in a volumetric increase because of the addition of amendment materials. Composting has been demonstrated to degrade many organic contaminants in soils, including PAHs, there few applications of the technology at any scale to PCBs. All materials and equipment used for composting are readily available.	Similar to biopiles, composting requires substantial space. Bioremediation will take a long time to implement. Excavations would have to remain open until backfilled with treated soils.	Reliability has to be assessed through bench-scale testing. PAHs and PCBs are relatively slow to biodegrade.	Easily implemented with standard construction techniques.	Moderate Cost	Eliminated. Uncertainty of effectiveness for PCBs, long time for treatment, and long-term open excavations.		✓
		Slurry phase biological treatment	An aqueous slurry is created by combining soil (after removing stones and debris) and sludge (from wastewater treatment plants) with other additives in a tank or vessel. Typically, a slurry contains 10 to 30% solids by weight. Proper oxygen level and pH need to be monitored. The slurry is mixed to keep solids suspended and microorganisms in contact with the soil contaminants. Upon completion of the process, the slurry is dewatered and the treated soil is disposed of.	Slurry-phase biological treatment has been used to treat non-halogenated (e.g., PAHs) and halogenated compounds such as PCBs and other VOCs and SVOCs. Clayey soils may be difficult to manage.	Soil would have to be excavated and processed through reactors. Dewatering soil fines after treatment can be expensive. Wastewater disposal options need to be identified.	Reliability has to be assessed through bench-scale testing.	Sizing of materials prior to putting them into the reactor is challenging and expensive, especially for nonhomogeneous soils and clayey soils present at the site.	High Cost	Eliminated. Very difficult to implement.		✓

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Disposal	Off-Site	Landfill	Excavated soil would be transported off-site to a landfill. Soil with PCB concentrations greater than 50 ppm must go to a TSCA-approved landfill or RCRA hazardous waste landfill.	Landfilling is an effective method of disposal. Exposure pathway would be eliminated.	Large quantities of soil have to be transported.	Off-site landfilling is reliable.	Easily implementable.	Moderate Cost.	Retained. Effective and easy to implement. Soil subject to erosion and transport to sediment would be removed.	✓	

Abbreviations:

COC – chemicals of concern
COMAR – Code of Maryland Regulations
DCB – dichlorobenzene
Fe^{0} – zero-valent iron
ISTD – *in situ* thermal desorption
ISV – *in situ* vitrification
MDE – Maryland Department of the Environment
MRC – Middle River Complex
NAPL – non-aqueous phase liquid
ORP – oxidation-reduction potential
PAHs – polycyclic aromatic hydrocarbons
PCBs – polychlorinated biphenyls
PRB – permeable reactive barrier
RAO – remedial action objective
RCRA – Resource Conservation and Recovery Act
RRA – residual risk analysis
SVE – soil vapor extraction
SVOCs – semivolatile organic compounds
TCB – trichlorobenzene
TCE – trichloroethene
TSCA – Toxic Substances Control Act
VOCs – volatile organic compounds
ZVI – zero valent iron

Table 5-6

Technologies and Process Options
Block E Soil Remedial Action Plan
Lockheed Martin Middle River Complex, Middle River, Maryland

General Response Action	Remedial Action Technology	Process Option	Description
No Action	None	Not Applicable	No activities conducted in the block to address contamination.
Limited Action	land use controls	Site use restrictions	Administrative action using excavation permits and other land use prohibitions to restrict future site activities.
Containment	capping	Soil cover/cap that meets TSCA requirements	Various types of capping systems can minimize infiltration and prevent human exposure from direct contact. Also reduces runoff of impacted soils and sediments with stormwater.
In situ treatment	physical/chemical	*In situ* thermal desorption (ISTD)	ISTD is a thermal remediation technique by which thermal conductive heating (to 350 °C) is used to heat the predetermined treatment zone while slight vacuum is applied to the subsurface to extract soil vapors.
In situ treatment	physical/chemical	*In situ* stabilization	Mixing of chemical agents to bind, solidify, and reduce contaminant mobility. Binding agents are applied using a large diameter auger. Contaminants are physically bound or enclosed within a stabilized mass (solidification), or chemical reactions are induced between the stabilizing agent and contaminants to reduce their mobility (stabilization).
Removal	excavation	Conventional equipment	Contaminated soil would be excavated using conventional equipment, such as backhoes, bulldozers, and clam shells.
Removal	excavation	Large diameter auger	Contaminated soil would be excavated using large diameter (5 to 8 feet) augers. The boring would be backfilled with a flowable low-strength concrete to prevent collapse of the hole.
Ex situ treatment	physical/chemical	Incineration	High temperatures, 871-1,204 °C (1,600- 2,200 °F), are used to combust organic constituents in wastes in the presence of oxygen. Only off-site incineration will be considered.

Table 5-6

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Lockheed Martin Middle River Complex, Middle River, Maryland

General Response Action	Remedial Action Technology	Process Option	Description
Ex situ treatment	physical/chemical	Thermal desorption	Wastes are heated to volatilize organic contaminants. A carrier gas or vacuum system transports volatilized organics to the gas treatment system. High temperatures will be required to remove PCBs from soils. The off-gas may require further treatment.
Ex situ treatment	physical/chemical	Solidification/ stabilization	Mixing of chemical agents to bind, solidify, and reduce contaminant mobility. Contaminants are physically bound or enclosed within a stabilized mass (solidification), or chemical reactions are induced between the stabilizing agent and contaminants to reduce their mobility (stabilization).
Disposal	off-site	Landfill	Excavated soil would be transported off-site to a landfill. Soil with PCB concentrations greater than 50 ppm must go to a TSCA-approved landfill or RCRA hazardous waste landfill.

°C - degrees Celsius
°F - degrees Fahrenheit
PCB - polychlorinated biphenyl
ppm - parts per million
RAO - remedial action objective
RCRA - Resource Conservation and Recovery Act
RRA - residual risk analysis
TSCA - Toxic Substances Control Act

Table 5-7

Development of Remedial Alternatives
Block E Soil Remedial Action Plan
Middle River Complex, Middle River, Maryland

		Alternatives							
		1	2	3	4	5	6	7	8
Remedial Action Objectives / Risk Pathways		**No Action**	**Placement of a TSCA-compliant cap over Impacted soil and institutional controls**	**Excavation and off-site disposal of impacted surface and subsurface soil using conventional methods**	**Excavation of impacted surface soil using conventional methods and subsurface soil using large diameter augers and off-site disposal**	**Excavation of impacted surface soil using conventional methods with off-site disposal and *in situ* stabilization of subsurface soil using large diameter augers**	**Excavation of impacted surface and subsurface soil using conventional methods, on-site *ex situ* stabilization, and on-site reuse of treated soil**	**Excavation of impacted surface soil using conventional methods with off-site disposal and *in situ* thermal desorption of subsurface soil**	**Excavation of impacted surface and subsurface soil using conventional methods, on-site *ex situ* thermal desorption, and on-site reuse of treated soil**
Remedial Action Objective	**Risk Pathway**								
Reduce site-related chemicals of concern (COC) in Block E soils to not exceed a cumulative 1×10 5 human health cancer-risk level and to less than a cumulative non-carcinogenic hazard index of one for industrial workers and construction workers.	Ingestion, inhalation, and dermal contact	Not Applicable	Risk pathway mitigated via placement of a cover Institutional controls will mitigate risk associated with residual contamination in deeper soils	Risk pathway mitigated via excavation and disposal of surface and subsurface soils. Institutional controls will mitigate risk associated with residual contamination in remaining soils.	Risk pathway mitigated via excavation and disposal of surface and subsurface soils. Institutional controls will mitigate risk associated with residual contamination in remaining soils.	Risk pathway mitigated via excavation and disposal of surface soils. Risk pathway mitigated via stabilization of subsurface soils. Institutional controls will mitigate risk associated with residual contamination in remaining soils.	Risk pathway mitigated via excavation and disposal of surface soils. Risk pathway mitigated via stabilization of subsurface soils. Institutional controls will mitigate risk associated with residual contamination in remaining soils.	Risk pathway mitigated via excavation and disposal of surface soils. Risk pathway mitigated via thermal treatment of subsurface soils. Institutional controls will mitigate risk associated with residual contamination in remaining soils.	Risk pathway mitigated via excavation and treatment of surface and subsurface soils. Institutional controls will mitigate risk associated with residual contamination in remaining soils.
Prevent transfer of polychlorinated biphenyls to the extent practicable from surface soil and storm drains to discharged stormwater at concentrations that would impact the sediment remedy.	Erosion and transport of impacted soils	Not Applicable	Pathway mitigated by placement of soil cover.	Pathway mitigated by removal of most impacted surface soils and use of clean soil for the bottoms of stormwater channels.	Pathway mitigated by removal of most impacted surface soils and use of clean soil for the bottoms of stormwater channels.	Pathway mitigated by removal of most impacted surface soils and use of clean soil for the bottoms of stormwater channels.	Pathway mitigated by treatment of most impacted surface soils and use of clean soil for the bottoms of stormwater channels.	Pathway mitigated by removal of most impacted surface soils and use of clean soil for the bottoms of stormwater channels.	Pathway mitigated by treatment of most impacted surface soils and use of clean soil for the bottoms of stormwater channels.
Prevent to the extent practicable leaching of PCBs and 1,2,4-trichlorobenzene from soil to groundwater at concentrations that would impact surface water concentrations.	Migration from impacted soils to ground-water	Not Applicable	Migration from impacted soil in the saturated zone would continue.	Pathway mitigated by removal of most impacted surface and subsurface soils.	Pathway mitigated by removal of most impacted surface and subsurface soils.	Pathway mitigated by removal of most impacted surface soils and stabilization of subsurface soils.	Pathway mitigated by stabilization of most impacted surface and subsurface soils.	Pathway mitigated by removal of most impacted surface and treatment of subsurface soils.	Pathway mitigated by treatment of most impacted surface and subsurface soils.

COC - chemical(s) of concern
PCBs - polychlorinated biphenyls
TSCA - Toxic Substances Control Act

Table 5-8

Retained and Eliminated Alternatives Based on Preliminary Screening
Block E Soil Remedial Action Plan
Lockheed Martin Middle River Complex, Middle River, Maryland

Alternative	Retained?
Alternative 3: Excavation and disposal of impacted surface and subsurface soil using conventional methods	yes
Alternative 4: Excavation of impacted surface soil using conventional methods and subsurface soil using large diameter augers and off-site disposal	yes
Alternative 7: Excavation of impacted surface soil using conventional methods with off-site disposal and *in situ* thermal desorption of subsurface soil	yes
Alternative 8: Excavation of impacted surface and subsurface soil using conventional methods and on-site *ex situ* thermal desorption	yes
Alternative 5: Excavation of impacted surface soil using conventional methods with off-site disposal and *in situ* stabilization of subsurface soil using large diameter augers	no
Alternative 6: Excavation of impacted surface and subsurface soil using conventional methods and on-site *ex situ* stabilization	no
Alternative 2: Placement of a TSCA-compliant cap over impacted soil and institutional controls.	no
Alternative 1: No action	retained for comparison

TSCA - Toxic Substances Control Act

Table 5-9

Comparative Analysis of Alternatives
Block E Soil Remedial Action Plan
Lockheed Martin Middle River Complex, Middle River, Maryland

Evaluation Criteria	Evaluation Sub-Criteria	Alternative 1	Alternative 3	Alternative 4	Alternative 7	Alternative 8
Long Term Effectiveness & Permanence	Residual Potential Long Term Effectiveness and Risk (Assuming Remedy Failure)	Does not alter risk	Very effective in eliminating risk.	Very effective in eliminating risk. Existing piles will prevent complete subsurface soil removal at Transformer Room No. 2.	Very effective in eliminating risk.	Very effective in eliminating risk.
	Technology Reliability	Very unreliable	Reliable technology	Reliable technology	Reliable technology. Uncertain effectiveness of ISTD because there are few applications of the technology on PCBs	Reliable technology
Reduction of TMV through Treatment	Destruction of Hazardous Constituents	No destruction	No destruction, only removal and relocation to off-site landfill.	No destruction, only removal and relocation to off-site landfill.	Can achieve complete destruction in the areas where it is applied	Can achieve complete destruction in the excavated soil
	Irreversibility of Treatment	No treatment	Impacted surface and subsurface soils are removed.	Impacted surface and subsurface soils are removed.	Treatment is completely irreversible since COC are thermally treated or removed.	Treatment is completely irreversible since COC are thermally treated.
Short Term Effectiveness	Time to Achieve RAOs	Very long timeframe	Will require a long duration since large volumes of soil are to be removed. (7 months)	Will require a long duration since large volumes of soil are to be removed. (8 months)	Will require a long duration since large volumes of soil are to be removed and/or treated. (14 months)	Will require a long duration since large volumes of soil are to be removed and treated. (9 months)
	Un-mitigable Adverse Impacts During Construction and OM&M	None	Will require dust control, air monitoring, sidewall protection, and treatment of groundwater.	Will require dust control, air monitoring, and treatment of groundwater.	Will require dust control, air monitoring, and emission controls for ISTD.	Will require dust control, air monitoring, sidewall protection, treatment of groundwater, and emission controls for thermal process.
Implementability	Obtaining Other Approvals	Because no actions are proposed, no other approvals are necessary	Will require: critical area permits SEC permits air monitoring during RA implementation NPDES permit T&D facility requirements	Will require: critical area permits SEC permits air monitoring during RA implementation NPDES permit T&D facility requirements	Will require: critical area permits SEC permits air monitoring during RA implementation NPDES permit Air permit T&D facility requirements	Will require: critical area permits SEC permits air monitoring during RA implementation NPDES permit TSCA permit (by thermal sub) T&D facility requirements

Table 5-9

Comparative Analysis of Alternatives
Block E Soil Remedial Action Plan
Lockheed Martin Middle River Complex, Middle River, Maryland

Evaluation Criteria	Evaluation Sub-Criteria	Alternative 1	Alternative 3	Alternative 4	Alternative 7	Alternative 8
Implementability (continued)	Constructability	Easily constructible	Requires dewatering and T&D of large volumes of soil. Can be implemented using standard construction techniques.	Requires dewatering treatment, and T&D of large volumes of soil. Surface soil excavation implemented using standard construction techniques, but subsurface uses specialized equipment. Existing piles will interfere with augers.	Requires shoring, dewatering, installation of heating and vapor extraction wells, and specialized equipment to heat the soil.	Requires dewatering and management of large volumes of soil. Requires specialized equipment to thermally treat the soil. Soils with high clay content are difficult to treat.
	Availability of Experts and Technology	Does not require any expertise	Expertise and technology is readily available.	Very few companies have expertise and technology for auger excavation.	Very few companies have expertise and technology for ISTD.	Very few companies have expertise and technology for on-site ex situ thermal treatment. Limited number of treatment systems are available.
	Adaptability to Modify/Update as Necessary	Alternative can be modified as required.	Alternative can be modified as required.	Alternative can be modified as required.	ISTD can be somewhat difficult to modify after installation.	Alternative can be modified by extending the operation as required to treat additional soil.
	Effectiveness of Monitoring	No monitoring, very ineffective.	Removal of impacted soils can be ascertained by sampling.	Removal of impacted soils can be ascertained using DPT along sides, but bottom cannot be sampled.	Removal of impacted surface soils can be ascertained by sampling. Treatment of subsurface soil can only be evaluated by DPT sampling after treatment.	Removal of impacted soils can be ascertained by sampling. Effectiveness of thermal process can be evaluated by sampling and analysis.
Environmental	Energy Use	No energy usage	Less energy usage than Alternatives 7 and 8	Less energy usage than Alternatives 7 and 8	Second highest energy usage.	Highest energy usage.
	Air Emissions	No emissions	Emissions during excavation and transportation of impacted soils to disposal facilities and transportation of clean fill to the site.	Emissions during excavation and transportation of impacted soils to disposal facilities and transportation of clean fill to the site.	Off-gas from ISTD would be treated. Emissions during excavation and transportation of impacted soils to disposal facilities and transportation of clean fill to the site.	Air emissions for production of energy to treat soils. Off-gas from thermal process would be treated. Emissions during excavation and management of impacted and treated soils.
	Impacts on Water Resources	No impacts	Requires water for dust control	Requires water for dust control	Requires water for dust control and off-gas cooling.	Requires water for dust control and of-gas cooling.
Costs	Total Cost	$0	$21,920,000	$23,280,000	$31,720,000	$24,690,000

COC - chemical(s) of concern
DPT - direct-push technology
ISTD - in situ thermal desorption
O&M - operation and maintenance
OM&M - operation, maintenance, and monitoring
RA - remedial action
RAOs - remedial action objectives
SEC - significant environmental concern
T&D - treatment and disposal
TMV - toxicity, mobility, and volume

Alternative 1: No Action
Alternative 3: Excavation and disposal of impacted surface and subsurface soil using conventional methods
Alternative 4: Excavation of impacted surface soil using conventional methods and subsurface soil using large-diameter augers and off-site disposal
Alternative 7: Excavation of impacted surface soil using conventional methods with off-site disposal and *in situ* thermal desorption of subsurface soil
Alternative 8: Excavation of impacted surface and subsurface soil using conventional methods and on-site *ex situ* thermal desorption

Table 5-10

Criteria Weighting and Ranking
Block E Soil Remedial Action Plan
Lockheed Martin Middle River Complex, Middle River, MD

Weighting						Ranking					
Weights	***Criteria***	***Weights***	***Sub-Criteria 1***	***Weights***	***Sub-Criteria 2***	***Criteria/ Sub-Criteria***	**Alternative 1**	**Alternative 3**	**Alternative 4**	**Alternative 7**	**Alternative 8**
90	Overall Protection of Human Health and the Environment	--	--	--	--	None	0	50	50	50	50
90	Compliance with ARARs	--	--	--	--	None	0	65	65	65	65
90	Long Term Effectiveness & Permanence	75	Residual potential risk			Residual potential risk	0	45	40	40	55
		75	Technology reliability			Technology reliability	0	100	50	40	35
75	Reduction of TMV through Treatment	50	Destruction of hazardous constituents			Destruction of hazardous constituents	0	35	30	45	55
		40	Irreversibility of treatment			Irreversibility of treatment	0	40	35	45	50
50	Short Term Effectiveness	50	Time to achieve RAOs			Time to achieve RAOs	0	75	70	30	60
		50	Un-mitigable adverse impacts	100	Protect community	Protect community	70	45	45	50	55
				75	Protect construction workers	Protect construction workers	75	45	50	50	50
				50	Minimize environmental impacts	Minimize environmental impacts	100	65	60	45	45
80	Implementability	75	Obtaining other approvals			Obtaining other approvals	100	90	50	40	35
		100	Constructability			Constructability	100	80	65	40	40
		75	Availability of experts and technology			Availability of experts and technology	10	100	50	25	20
		35	Adaptability to modify/update			Adaptability to modify/update	75	100	40	25	25
		65	Effectiveness of monitoring			Effectiveness of monitoring	0	100	50	25	90

Table 5-10

Criteria Weighting and Ranking
Block E Soil Remedial Action Plan
Lockheed Martin Middle River Complex, Middle River, MD

Weighting						Ranking					
Weights	***Criteria***	***Weights***	***Sub-Criteria 1***	***Weights***	***Sub-Criteria 2***	***Criteria/ Sub-Criteria***	**Alternative 1**	**Alternative 3**	**Alternative 4**	**Alternative 7**	**Alternative 8**
50	Environmental	75	Energy use			Energy use	100	35	40	30	40
		25	Air emissions	50	GHG emissions	GHG emissions	100	50	45	35	40
				25	NO emissions	NO emissions	100	50	45	35	40
				30	SO emissions	SO emissions	100	50	35	30	10
				50	PM emissions	PM emissions	100	30	10	30	40
		40	Impacts on water resources			Impacts on water resources	100	75	65	25	30
90	Costs	90	Capital			Capital	100	75	60	35	45
		25	O&M			O&M	100	50	50	50	50
						TOTAL SCORE	**0.111**	**0.266**	**0.214**	**0.193**	**0.216**

ARARs - applicable or relevant and appropriate requirements
GHG - greenhouse gases
NO - nitrogen oxides
O&M - operation and maintenance
PM - particulate matter
RAOs - remedial action objectives
SO - sulfur oxides
TMV - toxicity, mobility, and volume

Alternative 1: No Action
Alternative 3: Excavation and disposal of impacted surface and subsurface soil using conventional methods
Alternative 4: Excavation of impacted surface soil using conventional methods and subsurface soil using large diameter augers and off-site disposal
Alternative 7: Excavation of impacted surface soil using conventional methods with off-site disposal and *in situ* thermal desorption of subsurface soil
Alternative 8: Excavation of impacted surface and subsurface soil using conventional methods and on-site *ex situ* thermal desorption

Table 6-1

Potential Contingencies, Based on the Results of Post-Remedial Action Sampling
Page 1 of 2

Remedial action objective	Metrics	Contingencies
1.) Reduce site-related chemicals of concern (COC) in Block E soil to not exceed a cumulative 1×10^{-5} human health cancer-risk level and to less than a cumulative non-carcinogenic hazard index of one for industrial- and construction-workers.	1.) Removal of polychlorinated biphenyl (PCB)-impacted surface and subsurface soil, based on residual risk analysis (RRA) (includes confirmatory samples)	1). Additional excavation until RRA is met
2.) Prevent transfer of polychlorinated biphenyls to the extent practicable from surface soil and storm drains to stormwater at concentrations that would impact the sediment remedy.	1.) Removal of PCB-impacted surface soil, based on RRA 2.) Cleaning or replacement of contaminated storm-drains 3.) Restoring excavated areas with clean backfill 4.) Establishing engineering controls, including vegetation or other cover 5.) No measurable PCB-contaminated sediment accumulation above the sediment cleanup goal of 0.676 parts per million.	1.) Additional excavation until RRA met 2.) If vegetative or other covers are removed, prevent stormwater runoff until new engineering control is installed. 3.) If sediment sampling results show PCB contamination, then consider additional remedial measures.

Table 6-1

Potential Contingencies, Based on the Results of Post-Remedial Action Sampling
Page 2 of 2

Remedial action objective	Metrics	Contingencies
3.) Prevent to the extent practicable leaching of polychlorinated biphenyls and 1,2,4-trichlorobenzene (TCB) from soil to groundwater at concentrations that would impact surface water concentrations.	1.) Removal of PCB-impacted surface and subsurface soil, based on RRA 2.) Groundwater monitoring to establish that groundwater concentrations of PCBs and 1,2,4-TCB are stable or decreasing	1.) Additional excavation until RRA met 2.) If, after 2 years of monitoring, PCB and/or 1,2,4-TCB concentrations in groundwater indicate increasing groundwater concentrations, then continue monitoring for up to 5 years. If sentinel wells continue to show statistically significant increased contamination, then consider additional remedial measures.

Table 7-1

Atomic Energy Commission Regulatory Guide: Acceptable Surface-Contamination Levels Block E Soil Remedial Action Plan Middle River Complex, Middle River, Maryland

Radionuclides	Chemical Abstract Service number	Surfaces (dpm/100 cm^2)[1]	Soil (pCi/g)		
		Structures, materials and equipment, waste	Goal[2]	Laboratory quantitation limit	Laboratory minimum-detectable concentration
Uranium-235	12117-96-1	5,000	4.8	0.5	0.5

Notes:

[1] Based on *AEC Regulatory Guide 1.86* (AEC 1974). Values indicate the measured value above background, as determined from the reference area. Limits for removable surface activity are 20% of these values.

[2] Based on Nuclear Regulatory Commission document NUREG-1757, *Consolidated Decommissioning Guidance* (NRC 2006), whose limits are deemed in compliance with the 25 mrem/y unrestricted-dose limit in 10 CFR 20.1402. Listed values were developed by scaling the NUREG-1757 values to 15 mrem/y unrestricted dose. Criteria are above background for those radionuclides found in background soil.

cm^2 = square centimeters

dpm = disintegration(s) per minute

mrem/y = millirem(s) per year

pCi/g = picocurie(s) per gram

Table 7-2

Backfill Material Acceptance Criteria
Block E, Soil Remedial Action Plan
Lockheed Martin Middle River Complex, Middle River, Maryland

Parameter	Criteria	Test method
Volatile organic compounds	MDE residential cleanup standards or ATCs[(1)] or associated approved risk-based concentrations	USEPA SW-846 8260B
Semivolatile organic compounds	MDE residential cleanup standards or ATCs[(1)] or associated approved risk-based concentrations	USEPA SW-846 8270C[(2)]
Polychlorinated biphenyls	MDE residential cleanup standards or ATCs[(1)] or associated approved risk-based concentrations	USEPA SW-846 8082
Metals	MDE residential cleanup standards or ATCs[(1)] or associated approved risk-based concentrations	USEPA SW-846 6020
Pesticides (organochlorine)	MDE residential cleanup standards or ATCs[(1)] or associated approved risk-based concentrations	USEPA SW-846 8081A or 8080A
Pesticides (organophosphorus)	MDE residential cleanup standards or ATCs[(1)] or associated approved risk-based concentrations	USEPA SW-846 8141A
Chlorinated herbicides	MDE residential cleanup standards or ATCs[(1)] or associated approved risk-based concentrations	USEPA SW-846 8151A
Total petroleum hydrocarbons	MDE residential cleanup standards or ATCs[(1)] or associated approved risk-based concentrations	USEPA SW-846 8015B

The off-site borrow source must be approved by the MDE Voluntary Cleanup Program before transporting any backfill material onto the site.

[(1)]Residential cleanup standards and ATCs provided in *Cleanup Standards for Soil and Groundwater* (MDE, 2008).
[(2)]Carcinogenic polycyclic aromatic hydrocarbons using USEPA SW-846 8270C or D with SIM.

ASTM = ASTM International, Inc.
ATC = anticipated typical concentration
MDE = Maryland Department of the Environment
SIM = selected-ion monitoring
USCS = Unified Soil Classification System
USEPA= United States Environmental Protection Agency

APPENDICES

Appendix A—Voluntary Cleanup Program Withdrawal Letter

Appendix B—Former Building D Foundation and Piping Drawings

Appendix C—Residual Risk Analysis and Preliminary Remediation Goal Calculations

Appendix D—Block E Chemical Detections in Soil and Exceedances of Risk-Based Screening Criteria (Tables)

Appendix E—Previous Investigation Data (Tables)

Appendix F—BaPEq Calculation

Appendix G—Block E Groundwater-Depth Contour Maps and Soil PCB Isoconcentration Maps

Appendix H—Total Cost Analysis

Appendix I— Radiological Remediation Plan

Appendix J— Hydrologic Modeling and Conceptual Grading

Appendix K—*In Situ* Stabilization/Solidification Treatability Study

Appendix L—*SiteWise*™ Information

Appendix M—*Criterium*® *DecisionPlus*® Analysis

Appendix N—Permit List

APPENDIX A—VOLUNTARY CLEANUP PROGRAM WITHDRAWAL LETTER

Lockheed Martin Corporation
6801 Rockledge Drive MP: CCT-246
Bethesda, MD 20817
Telephone 301-548-2212

LOCKHEED MARTIN

August 29, 2013

VIA E-MAIL AND PRIVATE CARRIER

VIA E-mail: James.carroll@maryland.gov
Mr. James Carroll
Program Administrator
Land Restoration Program
Maryland Department of the Environment
1800 Washington Boulevard, Suite 625
Baltimore, Maryland 21230

Subject: Withdrawal of VCP Applications for Tax Parcel Blocks D, E, E (Lot 3), F, G (Lot 1), H and I
Chesapeake Park Plaza (Middle River Complex)
2323 Eastern Boulevard, Middle River, Baltimore County, Maryland

Dear Mr. Carroll:

The purpose of this letter is to notify the Maryland Department of the Environment ("MDE" or "Department") that Lockheed Martin Corporation is withdrawing the below referenced tax parcels and block numbers, generally referred to as the Chesapeake Park Plaza, from the Voluntary Cleanup Program ("VCP") pursuant to Md. Code Ann. Envir. § 7-512 (2007 Repl. Vol.).

The subject Chesapeake Park Plaza tax parcels were previously accepted into MDE's VCP. This notice of withdrawal will affect the following identified tax parcels:

	Tax Parcel Number	**Acreage**
1	Map 90 Grid 18 Parcel 964 Block D	12.775
2	Map 90 Grid 18 Parcel 964 Block E	15.433
	Map 90 Grid 18 Parcel 964 Block E Lot 3	0.533
3	Map 90 Grid 18 Parcel 964 Block F	11.941
4	Map 90 Grid 18 Parcel 964 Block G Lot 1	13.461
5	Map 90 Grid 18 Parcel 964 Block H	7.877
6	Map 90 Grid 18 Parcel 964 Block I	66.104

We understand this notice will take effect upon ten (10) days of MDE's receipt. Please be advised that the tax parcels subject to this notice are currently stable and secure, and that Lockheed Martin has agreed in principle to negotiate an administrative consent order with the Department to address environmental conditions at Tax Parcels D, E, F, G, and H, and I. Please acknowledge receipt of this notice in writing.

Please let me know if you have any questions. My office phone is (301) 548-2212.

Sincerely,



Carol B. Cala
Vice President, Energy, Environment, Safety & Health
Lockheed Martin Corporation

cc:
Brad Owens, Lockheed Martin
Christine Kline, Lockheed Martin
Glenda Smith, Lockheed Martin
Norm Varney, Lockheed Martin
Michael Martin, Tetra Tech
Cannon Silver, CDM Smith

APPENDIX B—FORMER BUILDING D FOUNDATION AND PIPING DRAWINGS

COLUMN AND FOOTING SCHEDULE

COLUMN TYPES	A	B	C	D	E	F	G	J	K	X
No. of Cols.	7	1	16	2	54	2	14	14	1	497
Load (Kips) Roof	1473	1823	370	325	47	370 (future)	81		1473 (future)	
Col. Section	1-36Z150 * 1-36Z150 2-18Z124 2-18Z124 4 PL½ 12-3/4 4 PL½ 12-3/4		1-21Z112	1-21Z112	1-18Z55	1-21Z112	1-18Z64		1-36Z150 2-18Z124 4 PL½ 12-3/4	2-18Z47
Type Base	See Detail	See Detail							See Detail	
Size Base Pl.	32"-24'-5'-0"	26'-1½"-4'-0"	18'-3½"-2'-2"	16'-½"-2'-2"	10'-3½"-1'-8"	18'-1½"-2'-2"	12'-3½"-1'-8"		32"-24'-5'-0"	2-10-3½"-1'-8"
Anch. Bolts	6-1½"-3'-0"	6-1½"-3'-0"	2-1¾"-5'-0"	2-1¾"-5'-0"	2-2¾"-2'-6"	2-1¾"-5'-0"	2-2¾"-2'-6"		6-1½"-3'-0"	4-2¾"-2'-6"
El. Bott. B. Pl.	+10'-1"	10'-1"	27'-8¼"	27'-8'-0	27'-9¼"	27'-8¼"	27'-9¼"		10'-1"	27'-9¼"
Load (Kips) 1st Story	1763	1373	531	415	210	531 (Future)	246	150	1763	284
Size	Steel Column same as above	Steel Column same as above	32-32	32-33½	28-32	32-33½	28-28	26'-28	32-32	20"-0
Core			28-28	28-28	24-28	28-28	24-24	23'-24½	28-28	17"-6
Vert. Steel			12-1⅛"	9-1⅛"	8-1⅛"	12-1⅛"	8-1⅛"	6-1⅛"	7-⅞"	7-⅞"
Spiral & Ties			⅜"@12"o.c.	⅜"@12"o.c.	⅜"@12"o.c.	⅜"@12"o.c.	⅜"@12"o.c.	⅜"@12"o.c.	Steel Col. Same as above	⅜"@12"o.c.
Cap	6'-0"-8'-0" depth varies	5'-6"-8'-0"	5'-0"-5'-0"	4'-6"-4'-8"	3'-3"-3'-3"	5'-0"-6'-0"	3'-8"-5'-6"	2'-6"-2'-6"	No Cap	3'-8"-3'-8"
Mat	16'-6"-20'-0" +42"	14'-6"-17'-3" +42"	10'-0"-10'-0" -18"	8'-10"-8'-10" -17"	6'-6"-6'-6" -13"	10'-0"-10'-0" -18"	7'-6"-7'-6" -15"	5'-6"-5'-6" -11"	16'-6"-20'-0" +29"	7'-0"-7'-0" -14"
Steel Ea. Way	37-1"	31-1"	25-½"	22-½"	15-½"	25½"	18-½"	13-½"	37-1"	18-½"
Dowels to Col.	—	—	12-1¼"	9-1⅛"	8-1¼"	12-1¼"	8-1¼"	6-1¼"	37-1" 22-1"	7-⅞"
El. Bott. Ftg.	5'-11"	5'-0"	See Plan	See Plan	See Plan	See Plan	See Plan	See Plan	-(5'-1")	7'-6" Typical, Others as pl'd.
Size	—	—	36"-36"	34"-34"	30"-30"	34"-64"	30"-30"	30"-30"	36'-64" 24'-24"	24"x24"
Vert. Steel	—	—	20-1"	16-⅞"	24-⅞"	20-1"	24-⅞"	20-⅞"	22-1"	12-⅞"
Ties	—	—	⅜"@12"o.c.	⅜"@12"o.c.	⅜"@12"o.c.	⅜"@12"o.c.	⅜"@12"o.c.	⅜"@12"o.c.	⅜"@12"o.c.	⅜"@12"o.c.
Dowels	—	—	20-1"	16-⅞"	24-⅞"	20-1"	24-⅞"	20-⅞"	—	12-⅞"
Cap	See Detail	See Detail	6'-0"-6'-0" 18"	5'-0"-5'-0" 18"	3'-0"-3'-0" 18"	6'-0"-6'-0" 18"	4'-6"-4'-6" 18"	3'-3"-3'-3" 18"	See Detail	4'-4"-4'-4" 18"
Mat	20'-0"-20'-0" 36"	18'-0"-21'-0" 19"	12'-6"-12'-6" 19"	11'-0"-11'-0" 18"	7'-9"-7'-9" 13"	12'-6"-12'-6" 18"	9'-3"-9'-3" 15"	6'-9"-6'-9" 12"	20'-0"-20'-0" 36"	8'-3"-8'-3" 18"
Steel Each Way	38-1"	32-1"	25-5⅛"	24-1"	15-1"	24-1"	18-1"	13-5"	38-1"	18-1"
El. Bott. Ftg.										

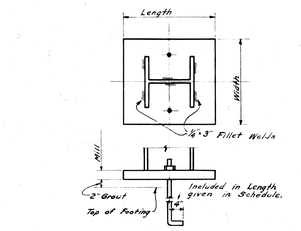
Ap	Cp	Ep	Xp	Mp
2	2	4	79	2
1473	370	47		47
1-36Z150 * 1-18Z124 & PL½ 12-3/4	1-21Z112	1-18Z55		2-18Z47
32-2½"-5'-0"	18'-1½"-2'-2"	10'-3½"-1'-8"		2-10-3½"-1'-8"
6-1½"-3'-0"	2-1¾"-5'-0"	2-2¾"-2'-6"		4-2¾"-2'-6"
10'-7"	27'-8¼"	27'-9¼"		27'-9¼"
1763	531	210	284	210
Steel Column same as above	32-32	28-32	20"-6	28-32
	28-28	24-28	17"-6	24-28
	12-1¼"	8-1¼"	7-⅞"	8-1¼"
	⅜"@12"o.c.	⅜"@12"o.c.	⅜"@12"o.c.	⅜"@12"o.c.
PILE CAPACITY = 40 TONS/PILE				
6'-5" Top of Piles	See Plan	See Plan	9'-2" Top of Piles	See Plan
—	36-36	30-36	24-24	10-36
—	20-1"	24-⅞"	12-¾"	24-1¾"
—	⅜"@12"o.c.	⅜"@12"o.c.	⅜"@12"o.c.	⅜"@12"o.c.
—	20-1"	24-⅞"	12-¾"	24-1¾"

See Detail

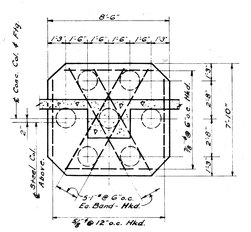
Note:- Concrete in columns up to slab to be 3000 #/in. in 28 days. See Arch. Drwgs. for metal guards required on concrete columns.

Typically the elevations of bottom of footings are given in schedule. Only such footings which are required to be at other than typical elevation in order to clear heating installations, conductors, etc. are noted on the plan below.

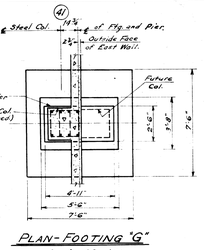
* FOR DETAIL, SEE SHEET S-5.



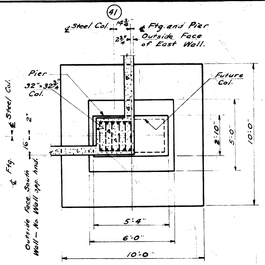
TYPICAL COLUMN BASE



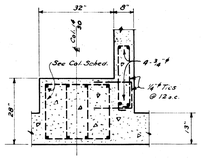
PLAN



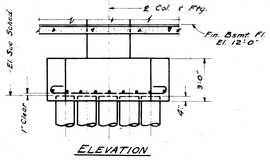
PLAN-FOOTING "G"
Scale ¼"=1'-0"



PLAN-FOOTING "F"
Scale ¼"=1'-0"

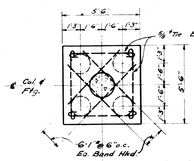


DETAIL OF ELEVATOR COLS.
TYPE "E" AT A14 & A30
Scale ½"=1'-0"

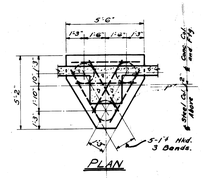


ELEVATION

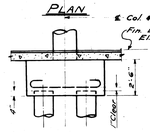
FOOTING "C8"
Scale ¼"=1'-0"



PLAN

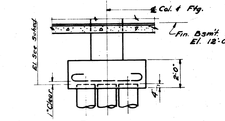


PLAN



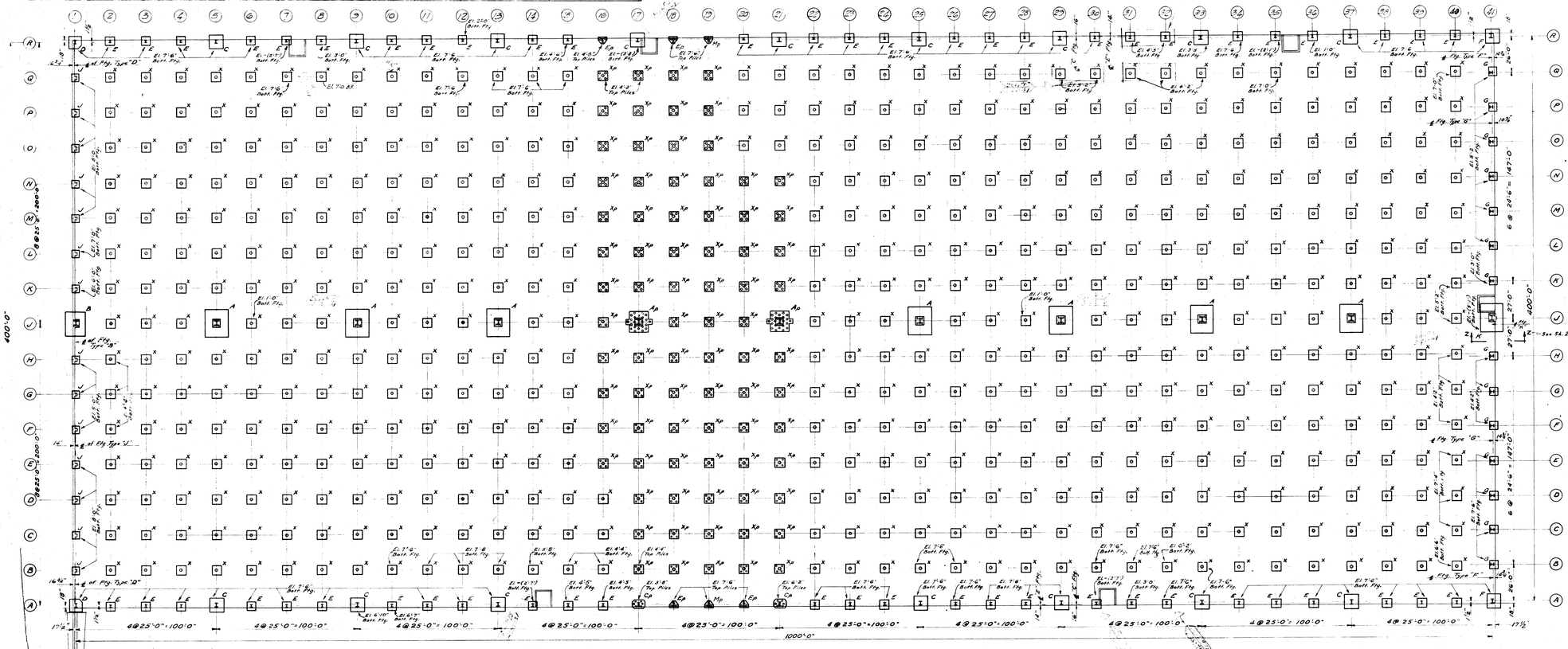
ELEVATION

FOOTING "X8"
Scale ½"=1'-0"



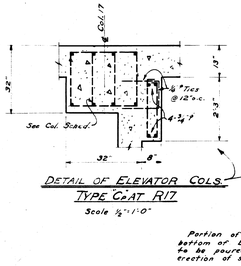
ELEVATION

FOOTING "E8" & M8"
Scale ½"=1'-0"

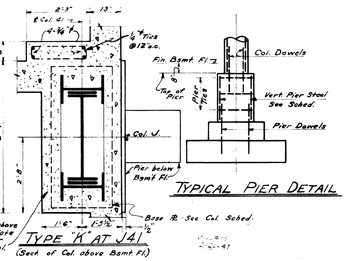


FOOTING PLAN
Scale 1/32"=1'-0"

Note:- Where, for any reason, footings are lowered so that top of cap is more than 8" below basement floor, properly reinforced piers will be required as indicated in the column and footing schedule. In case piers are less than 2'-0" high, the vertical pier steel should extend 30 diameters into column above; and also into footing below.



DETAIL OF ELEVATOR COLS.
TYPE C8 AT R17
Scale ½"=1'-0"



TYPICAL PIER DETAIL

TYPE "K" AT J41
(Sect. of Col. above Basmt. Fl.)

PLAN

ELEVATION

FOOTING "A8"
Scale ½"=1'-0"

Rev. 12.14.40 R.J.P.
Rev. 12.9.40

GLENN L. MARTIN PROJECT #1145.

FOOTING PLAN - COLUMN & FOOTING SCHEDULE

Revisions	Date	By
11-5-41	Add'l	W.S.
2-20-41	Add'l	W.S.
8-22-45		J.R.

PLANT ONE - BUILDING "D" - FOR THE
GLENN L. MARTIN CO.
MIDDLE RIVER - BALTIMORE CO. MARYLAND

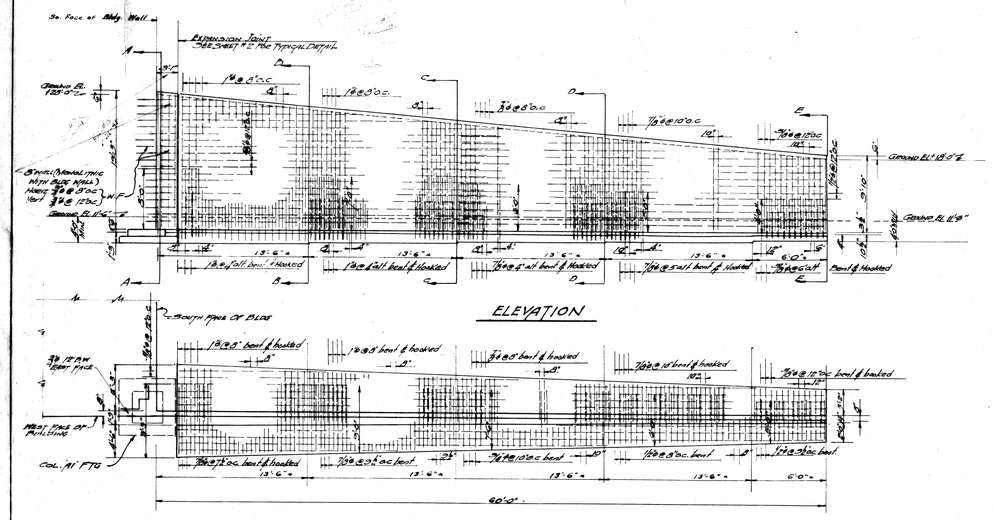
Des. R.H.D.
Dr. A.H.S.
Ch.
Appr.
Date.

JOB 1752-F

ALBERT KAHN, ASSOCIATED ARCHITECTS AND ENGINEERS, INC. DETROIT, MICHIG.

SHEET 1-S

D-BUILDING. FINAL REVISIONS AS CONSTRUCTED. 8-22-45



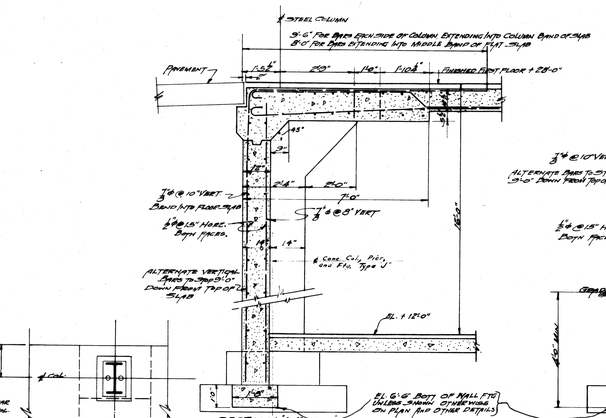
ELEVATION

PLAN

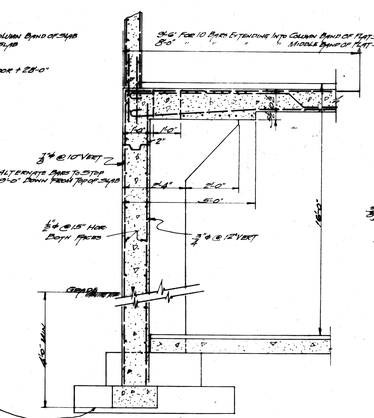
SCALE 1/8"-1'0"

RETAINING WALL
SOUTH WEST CORNER OF BUILDING

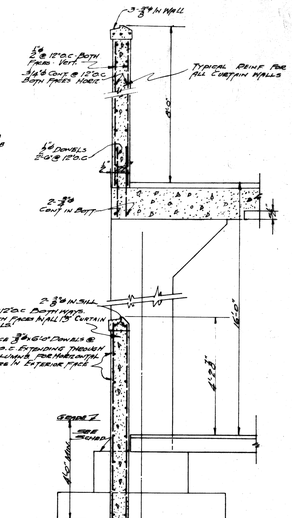
* Dimension not to scale.



SECTION 'A-A'
TYPICAL FOR WEST WALL

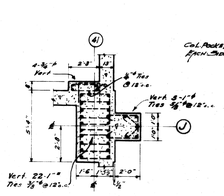


SECTION 'B-B'
NORTH WALL BETWEEN COL. LINES 1 & 19

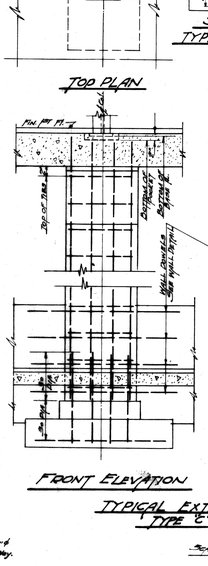


SECTION 'C-C'
TYPICAL FOR EAST & SOUTH WALL & FOR NORTH WALL EAST OF COLUMN LINE 19

TOP PLAN

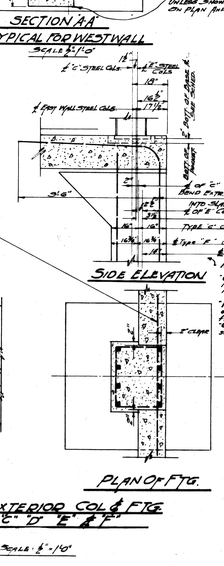


SECTION 'Y-Y'
Scale 1/4"-1'-0"



SECTION 'Z-Z'
ELEVATION OF FTG. & PIER TYPE 'K'
Scale 1/4"-1'-0"

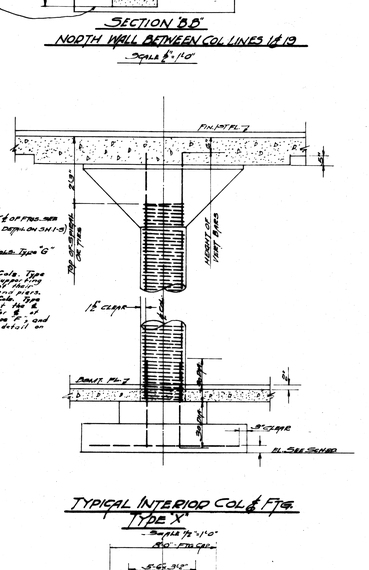
FRONT ELEVATION



SIDE ELEVATION

PLAN OF FTG.

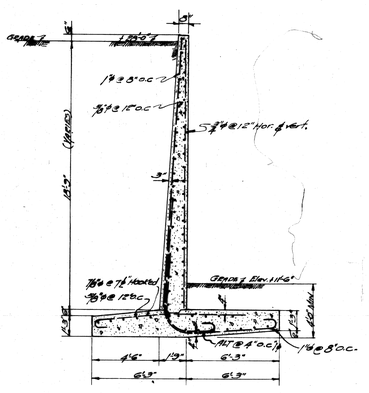
TYPICAL EXTERIOR COL. & FTG. TYPE 'C' 'D' 'E' & 'F'
Scale 1/4"-1'-0"



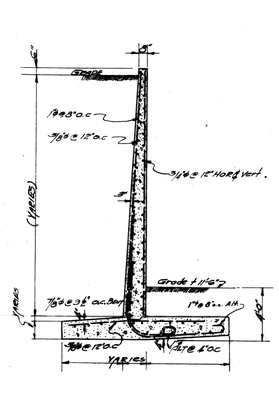
TYPICAL INTERIOR COL. & FTG. TYPE 'X'

SECTION 3-3

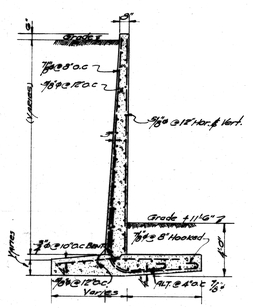
SECTION OF NORTH WALL AT STAIRS



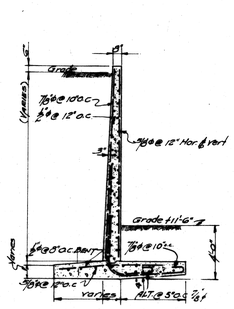
SECTION 'A-A'



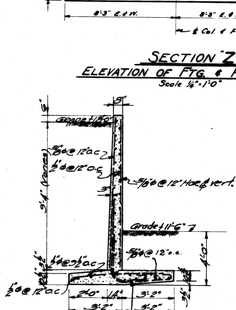
SECTION 'B-B'



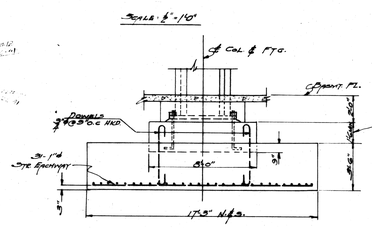
SECTION 'C-C'



SECTION 'D-D'
Scale 1/4"-1'-0"



SECTION 'E-E'



ELEVATION OF FOOTING TYPE 'B'
Scale 1/4"-1'-0"

ELEVATION OF FOOTING TYPE 'A'
Scale 1/4"-1'-0"

Rec. 11-9-40

GLENN L. MARTIN PROJECT #1145

WALL & FOUNDATION DETAIL

REVISIONS	

PLANT ONE - BUILDING 'D' FOR THE
GLENN L. MARTIN CO.
MIDDLE RIVER BALTIMORE CO. MARYLAND

JOB 1752-F

ALBERT KAHN ASSOCIATED ARCHITECTS AND ENGINEERS INC. DETROIT MICHIGAN

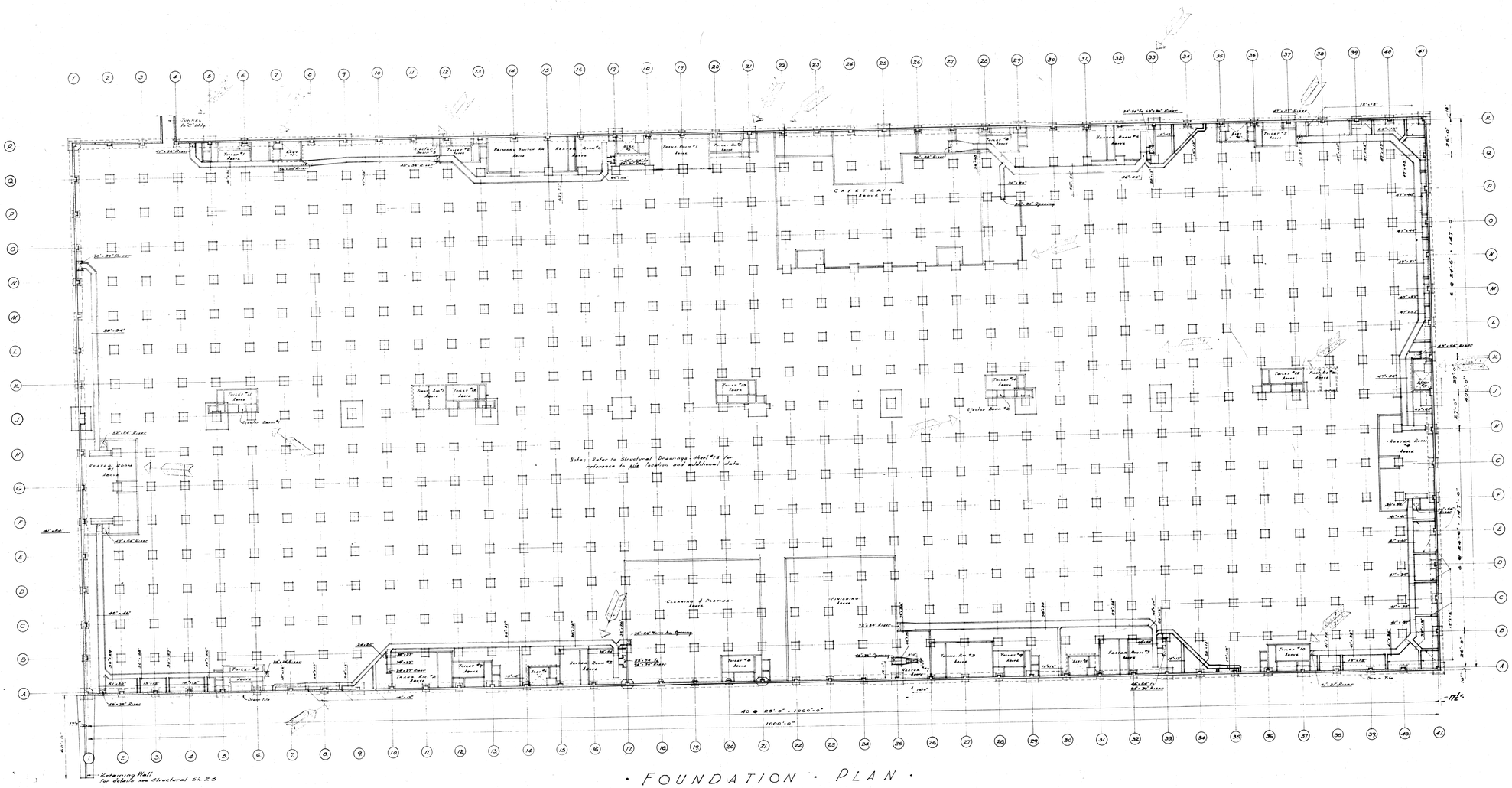
DRAWN
CK.
APP.
DATE

SHEET 2-S

D-BUILDING

Final Revisions - As Constructed - 7-25-42
FINAL REVISIONS AS CONSTRUCTED 8-22-45

B20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CAFETERIA
Kitchen
Dining Room
Cashier
Serving
Toilet Rm. "A"
Toilet Rm. "B"
Toilet Rm. "C"
Toilet Rm. "D"
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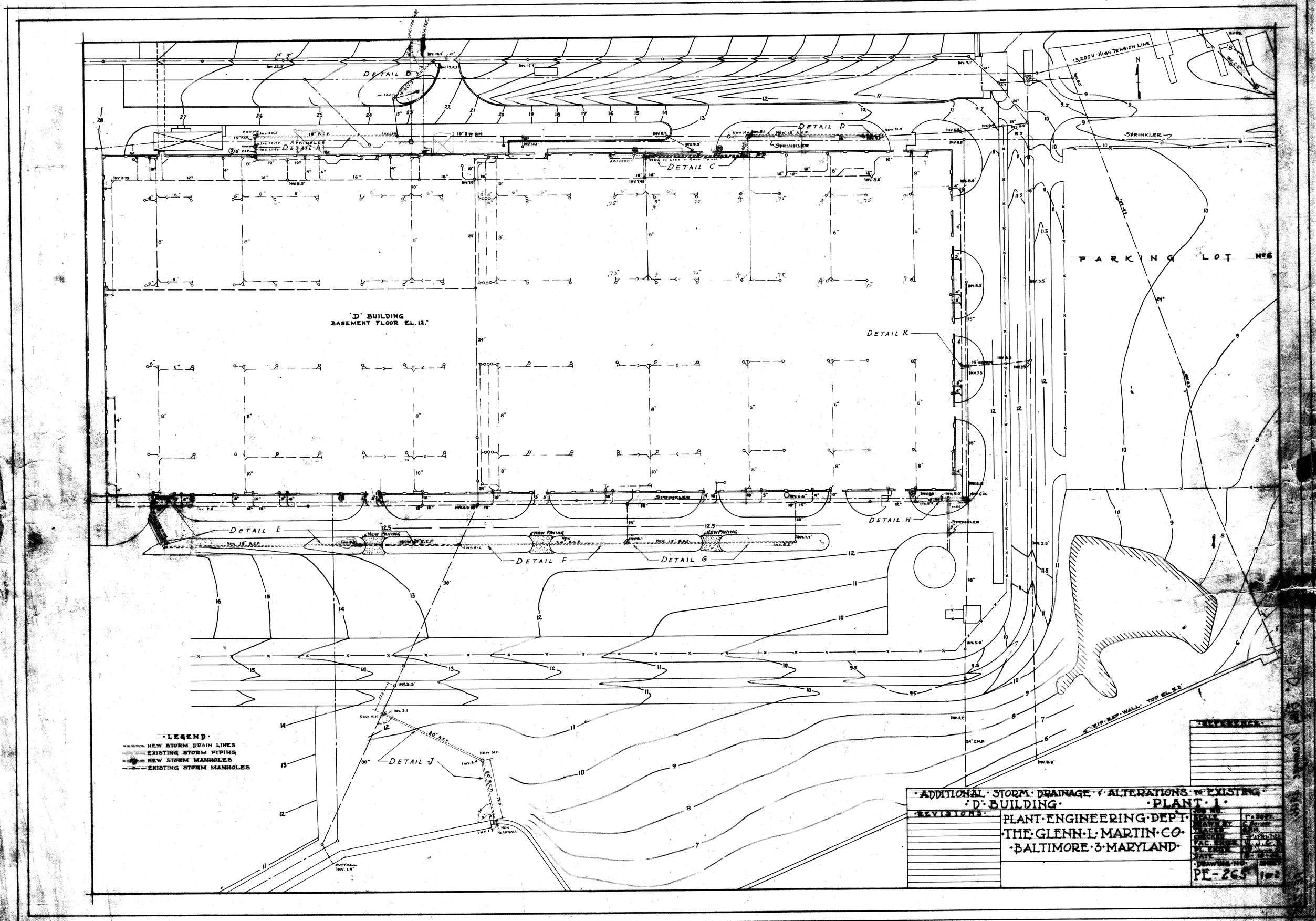

DETAIL A
DETAIL B
DETAIL C
DETAIL D
DETAIL E
DETAIL F
DETAIL G
DETAIL H
DETAIL J
DETAIL K
SPRINKLER
13,200V-HIGH TENSION LINE
PARKING LOT No 6
'D' BUILDING
BASEMENT FLOOR EL. 12.
NEW PAVING
NEW HEADWALL
OUTFALL INV. 1.9'
RIP-RAP WALL TOP EL. 5.3'
·LEGEND·
NEW STORM DRAIN LINES
EXISTING STORM PIPING
NEW STORM MANHOLES
EXISTING STORM MANHOLES
·ADDITIONAL·STORM·DRAINAGE·&·ALTERATIONS·TO·EXISTING·
·'D'·BUILDING·
·PLANT·1·
·REVISIONS·
PLANT·ENGINEERING·DEP'T·
·THE·GLENN·L·MARTIN·CO·
·BALTIMORE·3·MARYLAND·
·DRAWING·NO·
PE-265

APPENDIX C—RESIDUAL RISK ANALYSIS AND PRELIMINARY REMEDIATION GOAL CALCULATIONS

RESIDUAL RISK ANALYSIS TO SUPPORT REMEDIAL ACTION PLANS FOR BLOCK E SOIL LOCKHEED MARTIN MIDDLE RIVER COMPLEX 2323 EASTERN BOULEVARD MIDDLE RIVER, MARYLAND

Prepared for:
Lockheed Martin Corporation

Prepared by:
Tetra Tech, Inc.

December 2018

Revision: 2

Michael Martin, P.G.
Regional Manager

Katherine Super
Project Manager

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ACRONYMS

BaPEq	benzo(a)pyrene equivalents
bgs	below ground surface
CFR	*Code of Federal Regulations*
COC	chemical(s) of concern
COPC	chemical(s) of potential concern
DCA	dichloroethane
DCB	dichlorobenzene
EPC	exposure point concentration
EU	exposure unit
HI	hazard index
HHRA	human health risk assessment
HQ	hazard quotient
MDE	Maryland Department of the Environment
µg/kg	microgram(s) per kilogram
mg/kg	milligram(s) per kilogram
PAHs	polycyclic aromatic hydrocarbons
PCBs	polychlorinated biphenyls
PRG	preliminary remediation goal
RAO	remedial action objective
RAP	remedial action plan
RME	reasonable maximum exposure
RRA	residual risk analysis
RSL	regional screening level
TCB	trichlorobenzene
TCE	trichloroethene
UCL	upper confidence limit

USEPA	United States Environmental Protection Agency
UST	underground storage tank
VC	vinyl chloride

SECTION 1
INTRODUCTION

The *Human Health Risk Assessment (HHRA) for Blocks D, E, F, G, and H Soils, Lockheed Martin Middle River Complex, 2323 Eastern Boulevard, Middle River, Maryland* (Tetra Tech, 2012) identified chemicals of concern (COC) in soil that require remediation if the typical industrial worker and the construction worker are receptors of concern. This document was prepared to support the remedial action plan (RAP) for Block E soil, assuming current and future industrial land use. Specifically, the residual risk analysis contained herein assumes that a typical industrial worker may be exposed to chemicals of concern in surface soil, and a typical construction worker might potentially be exposed to chemicals of concern in surface and subsurface soil. Institutional controls preventing industrial worker exposure to subsurface soil are assumed to be in place. However, construction workers might be exposed during occasional excavation that supports construction, utility repairs, or expansion.

The residual risk analysis uses a risk assessment approach to select locations for remediation so that the following risk management goals established by the Maryland Department of the Environment (MDE) are achieved:

- Maryland Department of the Environment cumulative cancer and non-cancer risk benchmarks for receptors exposed to chemicals of concern in an exposure unit (i.e., an area in which receptor activities typically occur) are no greater than 1×10^{-5} (i.e., a one-in-100,000 excess probability of developing cancer) and a hazard index (HI) of 1, for cancer risk and noncancer effects, respectively. (Potential adverse noncarcinogenic health effects might occur if the calculated hazard index for a target organ exceeds 1.) Risk estimates greater than these benchmarks are considered unacceptable by the Maryland Department of the Environment.

- "Hot spot" areas in soil will also be addressed by the remedial action plan. The Maryland Department of the Environment defines a "hot spot" as a location with a cancer risk estimate exceeding 1×10^{-4} (i.e., a one-in-10,000 excess probability of developing cancer) or a hazard index greater than 100.

Stated alternatively, this analysis will identify locations that must be remediated to achieve risk management goals (Lockheed Martin, 2018), while ensuring that "representative" soil concentrations do not exceed the risk-based preliminary remediation goals (PRGs) established for Block E soil. For purposes of the human health risk assessment, a "representative" soil concentration (also referred to as the exposure point concentration [EPC]) is typically defined as the 95% upper confidence limit (UCL) on the arithmetic mean. A 95% upper confidence limit is a value that, when repeatedly calculated for randomly drawn subsets of size *n*, equals or exceeds the true population mean 95% of the time. The 95% upper confidence limit provides a measure of uncertainty in the mean.

SECTION 2
METHODOLOGY

The residual risk analysis (RRA) followed the six steps described below. Attachment A includes histograms displaying the distribution of key chemical concentrations in Block E soil; tables including the detailed results of the RRA are in Attachment B.

Step 1: Identification of chemicals of concern:
Several sampling events have been conducted at Block E since the 2012 human health risk assessment (HHRA) was prepared. Changes have also been made in the screening criteria used to identify the chemicals of potential concern (COPC) evaluated in the 2012 HHRA. As a first step in this RRA, concentrations of chemicals in surface soil and subsurface soil were compared to the November 2017 United States Environmental Protection Agency (USEPA) regional screening levels (RSL) to determine if any new significant COPC were present in Block E. Tables C.1.1 and C.1.2 in Attachment C present the screening comparison for surface soil and subsurface soil, respectively. Surface soil is defined as all samples collected from 0–2 feet below ground surface (bgs). Subsurface soil is defined as two feet bgs to the vertical limit of contamination. The preliminary remediation goal (PRG) of 58 milligrams per kilogram (mg/kg) for the polychlorinated biphenyl (PCB) Aroclor 1260 (developed using a construction worker exposure scenario) was used to determine the vertical limit of contamination, which is 20 feet bgs.

Chemicals of potential concern for surface soil (0–2 feet bgs)—The following chemicals were identified as COPC for the exposure to surface soil scenario (see Attachment C, Table C.1.1):

- 1,2,3-trichlorobenzene (1,2,3-TCB)
- 1,2,4-trichlorobenzene (1,2,4-TCB)
- 1,4-dichlorobenzene (1,4-DCB)
- ethylbenzene
- total xylenes
- trichloroethene (TCE)
- benzo(a)pyrene equivalent (BaPEq)
- naphthalene

- PCBs (Aroclor 1242)
- PCBs (Aroclor 1248)
- PCBs (Aroclor 1254)
- PCBs (Aroclor 1260)
- antimony
- arsenic
- cobalt
- hexavalent chromium
- iron
- lead
- manganese
- mercury
- thallium
- vanadium

Ethylbenzene, total xylenes, TCE, naphthalene, Aroclor 1248, and thallium were not identified as COPC for surface soil in the 2012 HHRA. Although lead was detected in 35 of 37 surface soil samples, its concentration exceeded (470 mg/kg) the residential RSL of 400 mg/kg in only one sample; however, this concentration was less than the industrial RSL of 800 mg/kg. Both the average lead concentration (46 mg/kg) and its UCL (101 mg/kg) are less than the residential and industrial RSLs, so lead is not evaluated further in this RRA.

Chemicals of potential concern for subsurface soil (2–20 feet bgs)—The following chemicals were identified as COPC for exposure to subsurface soil (Attachment C, Table C.1.2):

- 1,2,3-TCB
- 1,2,4-TCB
- 1,2-dichlorethane (1,2-DCA)
- 1,3-DCB
- 1,4-DCB
- TCE
- vinyl chloride (VC)
- BaPEq
- PCBs (Aroclor 1242)
- PCBs (Aroclor 1254)
- PCBs (Aroclor 1260)
- arsenic
- cobalt
- hexavalent chromium
- iron
- manganese
- thallium
- vanadium

Aroclor 1242 was not identified as a COPC for subsurface soil in the 2012 HHRA.

Chemicals of concern for surface soil (0–2 feet bgs)—Chemicals of concern (COC) are those chemicals considered primary contributors to excess health risks (i.e., individual chemicals contributing to an incremental lifetime cancer risk level greater than 1×10^{-6} [i.e., a one-in-a-million excess probability of developing cancer] or a hazard quotient greater than 1). The HHRA results indicate that polychlorinated biphenyls (PCBs [predominantly Aroclor mixture 1260]), carcinogenic polycyclic aromatic hydrocarbons (cPAHs) evaluated as BaPEq, and 1,2,4-TCB are the COC for the exposure to surface soil scenario in Block E (Tetra Tech, 2012). BaPEq were calculated per the methodology presented in the HHRA. This RRA evaluates BaPEq and PCB concentrations detected in surface soil, because these two COC are the primary risk drivers. 1,2,4-TCB was co-located with significant PCB concentrations. Locations targeted for remediation were identified on the basis of BaPEq and PCBs concentrations in soil samples, these soil samples were then excluded from the risk analysis data sets, and exposure point concentrations (EPCs) and risk estimates associated with the "remaining" soil were recalculated for each tax block (as detailed below) to demonstrate that risk management goals would be achieved.

Chemicals of concern for subsurface soil (2–20 feet bgs)—The HHRA results indicate that BaPEq, Aroclor 1254, Aroclor 1260, and 1,2,4-TCB are the COC for exposures to subsurface soil in Block E (Tetra Tech 2012). Although not identified as a COC in the 2012 HHRA, TCE is also considered a COC for subsurface soil for the RRA. TCE was detected at elevated concentrations in subsurface soil in the Southeast Subarea of Block E after an underground storage tank (UST) was found just outside the building foundation. The UST, which contained high concentrations of TCE, has been removed and groundwater remediation is ongoing in this area. The groundwater remedy will address TCE in soil in the Southeast Subarea of Block E.

Subsurface soil was evaluated as one exposure unit (EU) in the 2012 HHRA. Investigations since 2012 have identified several subareas of elevated COC concentrations. Three subareas are located where subsurface transformer rooms associated with former Building D were once located. A fourth subarea in the southeast area has a distinct chemical signature, with Aroclor 1254 and TCE as the predominant COC, in contrast to the soil beneath former Building D that has Aroclor 1260 as the predominant COC. These subareas were evaluated separately in this RRA to ensure that potential risks posed to construction workers are not underestimated, as construction or excavation scenarios are typically predicated on localized areas. To support this subarea risk approach for the

construction scenario, Attachment A includes histograms displaying the distribution of PCB concentrations in Block E soil before any samples were removed from the data sets. These histograms demonstrate that risk estimates are strongly influenced by elevated concentrations detected at relatively few sampling locations. Consequently, risk may be underestimated if subsurface soil at Block E is treated as one EU, because, although more than 1,400 subsurface soil samples have been collected across Block E, COPC concentrations detected in most samples do not exceed the calculated PRGs (i.e., low-level or non-detect results are reported for most subsurface soil samples in Block E). Thus, EPCs calculated based on COC concentrations for *all* Block E subsurface soil samples might not represent the contaminant levels detected in the subareas that have elevated PCB concentrations. Therefore, subsurface soil was divided into five EUs for evaluation in this RRA: (1) Transformer Room #2 Subarea, (2) Transformer Room #3 Subarea, (3) Transformer Room #4 Subarea, (4) Southeast Subarea, and (5) Block E-wide subsurface soil, excluding the other four subareas (Figure 2-1).

Step 2: Determination of PRGs:

Surface soil preliminary remediation goals—Risk-based PRGs for the industrial worker and construction worker exposure scenarios were calculated for all surface soil and subsurface soil COC; these goals are presented in the *Technical Memorandum—Mr. Tom D. Blackman to Ms. Ruth Prince and Mr. James R. Carroll, Preliminary Remediation Goals for Industrial and Construction Workers, Block E Soil Remediation, Lockheed Martin Middle River Complex, Middle River, Maryland* (Lockheed Martin, March 2018). The PRG for Aroclor 1260 (10 mg/kg) represents the 1×10^{-5} cancer risk level (i.e., a one-in-100,000 excess probability of developing cancer). The PRG for BaPEq (2.9 mg/kg) represents the 1×10^{-6} (i.e., a one-in-a-million excess probability of developing cancer) cancer risk level to meet the cumulative risk benchmark of 1×10^{-5} and to be consistent with the PRG for BaPEq used at Blocks D, F, G, and H. The PRG selected for PCBs is also the conservative (lower) end of the recommended action level range presented in USEPA guidance for an industrial setting (see *A Guide on Remedial Actions at Superfund Sites with PCB Contamination* [USEPA, 1990]). (The upper end of the action level range is 25 mg/kg.) The PRGs for 1,2,4-TCB (330 mg/kg) and Aroclor 1254 (7 mg/kg) represent a hazard index (HI) of 1, and are less than (more restrictive than) the PRGs representing the 1×10^{-5} cancer risk levels.

Subsurface soil preliminary remediation goals—PRGs for the construction worker exposure scenario were calculated for all subsurface soil COC; these goals are presented in the *Technical Memorandum – Mr. Tom D. Blackman to Ms. Ruth Prince and Mr. James R. Carroll, Preliminary Remediation Goals for Industrial and Construction Workers, Block E Soil Remediation,* (Lockheed Martin, March 2018). The PRGs for BaPEq (10 mg/kg), Aroclor 1254 (7 mg/kg), 1,2,4-TCB (530 mg/kg), and TCE (3.9 mg/kg) represent a hazard index (HI) of 1 and are less than (more restrictive than) the PRGs representing the 1×10^{-5} cancer risk levels. The PRG for Aroclor 1260 (58 mg/kg) represents the 1×10^{-5} cancer risk level.

Step 3: Ranking of locations:

Sampling locations for Block E surface soil and the five Block E subsurface soil EUs were ranked according to calculated risk levels. Surface soil (i.e., soil from the ground surface to two feet bgs) locations were ranked separately from subsurface soil (i.e., soil between two and 20 feet bgs). If more than one soil sample was available for the depth interval, the maximum risk was used to rank the location. The results of the ranking for surface and subsurface soil are presented in the detailed baseline risk analysis tables in Attachment B (Tables B-1 to B-6). The ranking from high to low is based on the calculation of sampling location-specific total cancer risk and HI estimates for all COPC identified in Step 1 (not just COC). Table B-1 presents the sampling location risk ranking for the hypothetical typical industrial worker exposed to surface soil; Tables B-2 to B-6 present this analysis for construction workers exposed to the five subsurface soil EUs, respectively.

Step 4: Iteratively remove samples and recalculate exposure point concentration:

The information presented for Block E in the Attachment B tables was reviewed to select an initial set of locations for the RRA. All locations meeting the MDE "hot spot" definition (see page 1-1) were automatically identified as being targeted for remediation. Next, the locations contributing most significantly to calculated risk estimates (using professional judgment) for evaluated receptors were considered targeted for remediation. The selected data points (assuming removal via excavation) were replaced by "backfill" soil concentrations and the EPC (equal to the 95% upper confidence limit [UCL] on the arithmetic mean) for each COC was recalculated using the substituted concentrations. Chemical concentrations in the backfill used at Block H were used as the substitute concentrations as presented in Table 2-1 (Tetra Tech, 2016). If the recalculated EPC exceeded the PRG for a receptor, additional locations were removed iteratively (one at a time)

from the data set and replaced with the substitute concentration. The EPC was then recalculated until the resultant EPC was equal to or less than the PRG. Tables 2-2 and 2-3 present a summary of the samples identified for removal from Block E surface soil and subsurface soil, respectively; sampling location-specific risk results are found on the tables in Attachment B.

Step 5: Margin of safety:

Given the large data sets for some of the EUs under evaluation, locations with highly elevated concentrations could be "diluted out" by a large number of locations with low concentrations. To prevent this, "safety limits" were also used to identify sampling locations requiring remediation. For surface soil, all locations with Aroclor 1254 and Aroclor 1260 concentrations greater than 25 mg/kg were also targeted for removal. As previously discussed, 25 mg/kg is the upper end of the action level range for industrial exposures (USEPA, 1990). For subsurface soil, all locations with Aroclor 1254 and Aroclor 1260 concentrations greater than 100 mg/kg were also targeted for removal. The value of 100 mg/kg is the upper end of the range (25–100 mg/kg) for low occupancy soils (40 CFR 761, Subpart D). Tables 2-2 and 2-3 also list sampling locations recommended for removal based on exceeding the surface soil and subsurface soil PCB safety limits, respectively.

Step 6: Address cumulative risk issue:

Samples were removed from the data set until the 95% UCLs for the COC were below their respective PRGs. All samples with Aroclor 1254 and Aroclor 1260 concentrations above the safety limits were removed. As a final check, receptor-specific risk estimates were recalculated for all COPC identified in Step 1 (not just COC) to ensure that cumulative risk estimates were equal to or below the 1×10^{-5} cancer risk level and less than a HI of 1. The risk assessment of predicted post-removal soil concentrations of all COPC is in Attachment C. Tables C.6-1–C.6-6. present the results of the reasonable maximum exposure (RME) risks, and show that predicted cumulative risk estimates are less than 1×10^{-5} and summed HIs are less than or equal to 1 for industrial workers exposed to surface soil and for construction workers exposed to subsurface soil in each subarea.

SECTION 3
RESULTS AND CONCLUSIONS

The residual risk analysis (RRA) described in Section 2 is a six-step process applied to each soil data set that (1) identifies chemicals of concern (risk drivers), (2) identifies preliminary remediation goals (PRGs), (3) ranks sampling result locations from highest risk to lowest, (4) iteratively removes samples from the data set and calculates exposure point concentrations (EPCs) from the remaining sampling results, (5) identifies additional sampling locations for removal based upon a comparison to margin of safety concentrations, and (6) recalculates cumulative risk using remaining soil sampling results to confirm achievement of risk management goals.

The sampling locations that the residual risk analysis targeted for removal to achieve risk management goals are summarized in Table 2-2 (for the industrial worker exposed to surface soil) and Table 2-3 (for the construction worker receptor exposed to subsurface soil). Note that all sampling locations meeting the Maryland Department of the Environment (MDE) "hot spot" definition were re-identified for removal (see Attachment B tables). The following summarizes the information presented in Tables 2-2 and 2-3, detailed tables for the RRA (Attachment B), and in the cumulative risk assessment (Attachment C):

- Table B-1 shows results for the residual risk analysis for Block E surface soil. Polychlorinated biphenyls (PCBs) [Aroclor 1260] are the predominant chemicals of concern (COC). Fifty-four locations are targeted for remediation to achieve Maryland Department of the Environment (MDE) risk management goals (i.e., a cumulative cancer-risk level of 1×10^{-5} [i.e., a one-in-100,000 excess probability of developing cancer] and cumulative hazard index [HI] of 1) for the industrial worker. Remediating this soil will result in a 95% upper confidence limit (or exposure point concentration [EPC]) of less than 10 milligrams per kilogram (mg/kg) for polychlorinated biphenyls. As an additional margin of safety, all surface soil locations with polychlorinated biphenyl concentrations exceeding 25 mg/kg (an additional 52 sampling locations) are also targeted for remediation (see Table 2-2). As noted above, the recommended action level range for polychlorinated biphenyls set forth in United States Environmental Protection Agency (USEPA) guidance for an industrial setting (see A Guide on Remedial Actions at Superfund Sites with PCB Contamination [USEPA, 1990]) is 10–25 mg/kg. The highest remaining Aroclor 1260

concentration in the analysis is 24 mg/kg, and the highest remaining Aroclor 1254 concentration in the analysis is 20 mg/kg. The residual cancer risk for an industrial worker exposed to surface soil is 3×10^{-6} with a hazard index of 0.2.

- Table B-2 shows the residual risk analysis results for the Block E subsurface soil, excluding the other four subareas. No locations are targeted for remediation to achieve Maryland Department of the Environment risk management benchmarks. The concentration of all COC are less than the PRGs. The highest Aroclor 1260 concentration is 22 mg/kg, and the highest Aroclor 1254 concentration is 0.038 J mg/kg. The cancer risk for a construction worker exposed to subsurface soil is 5×10^{-7}, with a hazard index of 0.7.

- Table B-3 shows the residual risk analysis results for Block E subsurface soil at the Transformer #2 Subarea. Three locations are targeted for remediation to achieve Maryland Department of the Environment risk-management benchmarks. As an additional margin of safety, six additional locations with Aroclor 1260 concentrations exceeding 100 mg/kg are also targeted for remediation. The highest remaining Aroclor 1260 concentration is 31 mg/kg, and the highest remaining Aroclor 1254 concentration is 0.095 mg/kg. The residual cancer risk for a construction worker exposed to subsurface soil is 9×10^{-7} with a hazard index of 0.5.

- Table B-4 shows the residual risk analysis results for Block E subsurface soil at the Transformer #3 Subarea. Eleven locations are targeted for remediation to achieve Maryland Department of the Environment risk management benchmarks. As an additional margin of safety, ten additional locations with Aroclor 1260 concentrations exceeding 100 mg/kg are also targeted for remediation. The highest remaining Aroclor 1260 concentration in the analysis is 65 mg/kg, and Aroclor 1254 is non-detect. The residual cancer risk to a construction worker exposed to subsurface soil is 9×10^{-7}, and the hazard index is 0.4.

- Table B-5 shows the residual risk analysis results for Block E subsurface soil at the Transformer Room #4 Subarea. Fifteen locations are targeted for remediation to achieve Maryland Department of the Environment risk management benchmarks. An additional 16 locations are predicted to have Aroclor 1260 concentrations exceeding 100 mg/kg; they are also targeted for remediation, as a margin of safety. The highest remaining Aroclor 1260 concentration is 50 mg/kg, and Aroclor 1254 is non-detect. Two locations targeted for remediation are predicted to have 1,2,4-trichlorobenzene concentrations exceeding the preliminary remedial goal of 530 mg/kg. One location targeted for removal is predicted to have a benzo(a)pyrene equivalent concentration exceeding the preliminary remedial goal of 10 mg/kg. The residual cancer risk for a construction worker exposed to subsurface soil is 1×10^{-6} and the hazard index is 0.9.

- Table B-6 shows the residual risk analysis results for the Southeast Subarea. Seven locations are targeted for remediation to achieve MDE risk management benchmarks. An additional three locations are predicted to have Aroclor 1254 concentrations exceeding 100 mg/kg, and as a margin of safety are targeted for remediation. The highest remaining Aroclor 1260 concentration is 24 mg/kg and the highest remaining Aroclor 1254

concentration is 80 mg/kg. Three locations targeted for remediation have trichloroethene concentrations exceeding the preliminary remedial goal of 3.9 mg/kg. The residual cancer risk for a construction worker exposed to subsurface soil is 1×10^{-6} and the hazard index is 1.

The conclusions above should be reviewed in light of the following caveats and uncertainties:

- Data for the Lockheed Martin Middle River Complex facility do not include a site-specific background data set for soil. The risk-based preliminary remedial goal calculated for benzo(a)pyrene equivalents is within the range of anthropogenic (human caused) background soil concentrations reported in the literature. Site environs are highly developed; therefore, the risk-based preliminary remedial goal might actually be less than anthropogenic background concentrations, and thus considered conservative.

- The chemical profile of the fill material used in Block H (Table 2-1) was used as replacement concentrations for locations targeted for remediation when calculating exposure point concentrations. Volatile organic compounds and polychlorinated biphenyls have not been detected in the fill material. The concentration of benzo(a)pyrene equivalents in fill material is 9.82 micrograms per kilogram (µg/kg), which is within the range of anthropogenic background values. The exposure point concentration (i.e., the 95% upper confidence level on the arithmetic mean) and residual risk will need to be recalculated if the chemical profile of the soil fill material used for Block E after remediation is significantly different than that used for replacement concentrations in this evaluation.

In summary, a residual risk analysis ranked soil sampling locations in Block E from highest to lowest risk. Sampling locations with chemical of concern concentrations higher than the risk-based preliminary remedial goals were iteratively targeted for remediation in the analysis, and the exposure point concentrations were recalculated (assuming the location would be excavated) until the exposure point concentration was equal to or less than the preliminary remedial goal. Preliminary remedial goals for industrial workers and construction workers were used for Block E surface and subsurface soil, respectively. Soil volumes calculated using the locations selected in the residual risk analysis are lower than soil volumes calculated using a strict comparison of sampling location concentrations to preliminary remedial goals, because not every sampling location with exceedances will need to be remediated. The final benchmark or remedial action objective is to achieve a cumulative residual cancer risk level not exceeding 1×10^{-5}, and a hazard index not exceeding 1 for industrial workers (exposed to surface soil in Block E) and construction workers (exposed to subsurface soil in Block E). Risk estimates calculated for these receptors using residual concentrations (as determined by this residual risk analysis) do not exceed Maryland

Department of the Environment risk management benchmarks for cancer (1×10^{-5}) and non-cancer (i.e., a hazard index > 1) effects.

SECTION 4
REFERENCES

Code of Federal Regulations (CFR), 40 CFR 761.61, "Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions, PCB Remediation Waste (a)(3)(i) (A) in High Occupancy Areas."

Lockheed Martin 2018, *Technical Memorandum, Mr. Tom D. Blackman to Ms. Ruth Prince and Mr. James R. Carroll, Preliminary Remediation Goals for Industrial and Construction Workers, Block E Soil Remediation*, March.

Maryland Department of the Environment (MDE), 2008. *Cleanup Standards for Soil and Groundwater, Interim Final Guidance (Update No. 2.1)*. June.

Tetra Tech, Inc. (Tetra Tech), 2012. *Human Health Risk Assessment (HHRA) for Blocks D, E, F, G, and H Soils, Lockheed Martin Middle River Complex, 2323 Eastern Boulevard, Middle River, Maryland*. September.

Tetra Tech, Inc. (Tetra Tech), 2016. *Construction Completion Report: Block H Soil Remedial Action, Lockheed Martin Middle River Complex, 2323 Eastern Boulevard, Middle River, Maryland.* March.

United States Environmental Protection Agency (USEPA), 1990. A Guide on Remedial Actions at Superfund Sites with PCB Contamination. Publication No. 9355.4-01FS. August.

FIGURES

Figure 2-1 Location of Subareas, Block E



FIGURE 2-1

LOCATION OF SUBAREAS
BLOCK E

LEGEND

TAX BLOCK "E"

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 62.5 125 Feet

N

DATE MODIFIED: 06/08/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_subareas_jun2018_v3.mxd)
06/08/18 -- JEE

TABLES

Table 2-1 Chemical Concentrations in Backfill

Table 2-2 Summary of Sample Locations Identified for Remediation - Block E Surface Soil

Table 2-3 Summary of Sample Locations Identified for Remediation - Block E Subsurface Soil

Table 2-1

Chemical Concentrations In Backfill
Lockheed Martin, Middle River Complex
Middle River, Maryland

Chemical	Concentration in Backfill
Volatile organic compounds (µg/kg)	
1,2,3-Trichlorobenzene	0.4 U
1,2,4-Trichlorobenzene	0.28 U
1,2,4-Trimethylbenzene	0.68 U
1,2-Dichloroethane	0.36 U
1,3-Dichlorobenzene	0.37 U
1,4-Dichlorobenzene	0.69 U
Ethylbenzene	0.27 U
Total Xylenes	0.37 U
Trichloroethene	0.44 U
Vinyl Chloride	0.41 U
Polycyclic aromatic hydrocarbons (µg/kg)	
Benzo(a)pyrene Equivalents	9.82
Naphthalene	0.2 U
Polychlorinated biphenyls (µg/kg)	
Aroclor 1242	12 U
Aroclor 1248	8.6 U
Aroclor 1254	15 U
Aroclor 1260	9.7 U
Metals (mg/kg)	
Antimony	0.43 U
Arsenic	0.4 J
Cobalt	0.054 J
Mercury	0.015 U
Thallium	0.12 U
Vanadium	21
Hexavalent Chromium(1)	0.55

Notes:
1 - Fill material was not analyzed for hexavalent chromium.
Value is 5 percent of the total chromium result.
µg/kg - microgram per kilogram
mg/kg - milligram per kilogram
U - Not detected.
J - Value is less than reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

Source: Tetra Tech, Inc. 2016. Construction Completion Report: Block H Soil Removal Action.

Table 2-2

Summary of Sample Locations Identified for Remediation - Block E Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location	1,2,4-TCB (µg/kg)	BaPEq Concentration (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)
Removal of surface soil from these locations achieves an acceptable 95% UCL for COC.				
E-SB-1447		782	190,000 U	5,300,000
E-SB-1501		2.49	160,000 U	4,900,000
E-SB-1589			160,000 U	4,500,000
E-SB-1461			330,000 U	4,200,000
SB-852			7,000 U	3,300,000
SB-353			740,000 U	1,800,000
SB-529			200,000 U	1,500,000
E-SB-984			92,000 U	990,000
SB-864			3,000 U	1,100,000
E-SB-1475			81,000 U	1,000,000
E-SB-1744			930,000 J	21,000 U
SB-862			1,400 U	880,000
E-SB-1240			11,000 U	860,000 J
E-SB-980		3,608	33,000 U	800,000
E-SB-1507		0.66 U	29,000 U	800,000
SB-530			89,000 U	690,000
E-SB-1713			790,000 J	9,400 U
E-SB-1547			16,000 U	750,000
E-SB-1200			25,000 U	740,000
E-SB-981		1,258	36,000 U	720,000
SB-833K	210,000	1,788	39,000 U	680,000
E-SB-1499		39.2	160,000 U	530,000
E-SB-1677			7,900 U	690,000
E-SB-1098			31,000 U	550,000
PUSTA	1.5 J	1782.5	33000 U	530,000
SB-861			1,115 U	540,000
SB-354			83,000 U	400,000
E-SB-1594			16,000 U	460000 J
SB-870			640 U	480000 K
E-SB-1378			330,000	59,000
SB-833E	180,000	4 U	20,000 U	360,000
E-SB-1187			27,000 U	340,000
E-SB-974		45,369	23,000 U	320,000
E-SB-1109			5,700 U	290,000
E-SB-1148			5,500 U	280,000
SB-868			275 U	280,000
SB-004A	140	365	58,000 U	180,000
SB-531			38,000 U	190,000
E-SB-1151			5,500 U	200,000
SB-361			38,000 U	140,000
SB-869			300 U	170,000
SUST1	0.4 U	6800	7900 U	150,000
E-SB-1107			5,100 U	140,000

Table 2-2

Summary of Sample Locations Identified for Remediation - Block E Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location	1,2,4-TCB (µg/kg)	BaPEq Concentration (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)
Removal of surface soil from these locations achieves an acceptable 95% UCL for COC.				
E-SB-978		12,383	8,600 U	97,000
E-SB-1192			2,600 U	140,000
E-SB-1153			6,000 U	130,000
SB-505	6 U	827	20,000 U	99,000
SB-355			21,000 U	96,000
E-SB-1456			110,000	5,300 U
SB-536			26,000 U	77,000
E-SB-1596			3,100 U	110,000
PUSTB	0.41 U	60052	7800 U	74,000
E-SB-975		2,795	9,200 U	87,000
E-SB-1196			2,500 U	97,000
The following remaining surface soil locations have PCB concentrations exceeding 25 mg/kg.				
E-SB-1472			3,400 U	94,000
E-SB-1086			3,400 U	90,000
E-SB-1243			3,300 U	90,000
SB-568			9,000 U	81,000 J
E-SB-988			9,900 U	80,000
E-SB-1191			2,700 U	83,000
E-SB-1494		1,096	8,500 U	71,000
PUSTB3	0.45 U	13,330	3300 U	65,000
SB-871			140 U	75,000
E-SB-1546			2,800 U	68,500
SB-501	5.8 U	4,477	7,600 U	58,000
E-SB-1738			1,700 U	68,000
E-SB-1666			1,700 U	69,000
E-SB-1532		1,070	7,800 U	60,000
E-SB-1189			2,900 U	64,000
E-SB-1374			2,700 U	64,000
SB-350			8,200 U	55,000
SB-533			8,800 U	53,000
E-SB-979		8,275	3,700 U	55,000
SB-534			9,700 U	49,000
E-SB-1754			59,000	2,000 U
E-SB-1183			1,400 U	60,000
E-SB-976		21,539	9,200 U	35,000
E-SB-1198			650 U	56,000
E-SB-1149			1,100 U	55,000
E-SB-1245			5,800 U	44,000 J
E-SB-845			9,100 U	37,000
E-SB-1626			1,600 U	46,000
E-SB-839			5,300 U	41,000
E-SB-957		3,467	3,800 U	39,000
E-SB-1720			830 U	43,000

Table 2-2

Summary of Sample Locations Identified for Remediation - Block E Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location	1,2,4-TCB (µg/kg)	BaPEq Concentration (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)
The following remaining surface soil locations have PCB concentrations exceeding 25 mg/kg.				
E-SB-1748			25,000 J	43,000 J
E-SB-1370			27,000	15,000
E-SB-1749			39,000	730 U
SB-348			4,200 U	34,000
E-SB-1188			520 U	39,000
E-SB-1630			320 U	38,000
E-SB-114A	0.29 U	6,127	9,200 U	21,000
E-SB-1743			35,000 J	26,000 J
E-SB-1230			510 U	36,000 J
E-SB-1147			1,100 U	35,000
E-SB-977		4,912	3,600 U	27,000
E-SB-1177			690 U	32,000
SB-358			3,900 U	27,000
SB-360			3,900 U	27,000
SB-356			4,500 U	25,000
E-SB-1452		1,213	1,650 U	28,000
SB-833F	1,200	4 U	2,100 U	25,000
E-SB-1680			400 U	27,000
E-SB-841			1,800 U	25,000
E-SB-1099			570 U	25,000
E-SB-1722			310 U	25,000

µg/kg - micrograms per kilogram
BaPEq - benzo(a)pyrene equivalents
COC - chemicals of concern
J - estimated value
K - biased high
TCB - trichlorobenzene
U - not detected
UCL - upper confidence limit

Table 2-3

Summary of Sample Locations Identified for Remediation - Block E Subsurface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location	1,2,4-TCB (µg/kg)	BaPEq Concentration (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)
Subsurface Soil Excluding Four Subareas				
No samples were identified to be removed in subsurface soil excluding the four subareas.				
Transformer Room # 2 Subarea				
Removal of subsurface soil from these locations achieves acceptable 95% UCL for COC.				
E-SB-1499			810,000 U	9,400,000
E-SB-1494			810,000 U	2,300,000
E-SB-1740			17,000 U	1,100,000
The following remaining subsurface soil locations have PCB concentrations exceeding 100 mg/kg.				
E-SB-1495			86,000 U	730,000
E-SB-1616			9,300 U	340,000
E-SB-1447			17,000 U	290,000
E-SB-1617		145	8,000 U	240,000
E-SB-1620			3,500 U	200,000
E-SB-1613			3,200 U	190,000
Transformer Room #3 Subarea				
Removal of subsurface soil from these locations achieves acceptable 95% UCL for COC.				
E-SB-1501			1,600,000 U	7,700,000
E-SB-1503			1,700,000 U	7,000,000
E-SB-1505			160,000 U	6,500,000
E-SB-1738			50,500 U	3,430,000
E-SB-1502			340,000 U	2,700,000
E-SB-1588			32,000 U	2,700,000
E-SB-1463	1,000,000	0.73 U	81,000 U	2,300,000
E-SB-1507			79,000 U	1,300,000
E-SB-1584			16,000 U	1,300,000
E-SB-1531			88,500 U	920,000 J
EW2	0.39 U	17,830	830 U	7,600
Transformer Room #3 Subarea				
The following remaining subsurface soil locations have PCB concentrations exceeding 100 mg/kg.				
E-SB-1734			28 J	670,000
E-SB-1589			16,000 U	620000 J
E-SB-1586			7,900 U	410,000
E-SB-1592			8,300 U	370,000
E-SB-1590			8,200 U	320,000
E-SB-1737			3,300 U	310,000
E-SB-1736			3,400 U	150,000
E-SB-1464			8,400 U	150,000
E-SB-1462			8,300 U	130,000
E-SB-1585			3,100 U	130,000

Table 2-3

Summary of Sample Locations Identified for Remediation - Block E Subsurface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location	1,2,4-TCB (µg/kg)	BaPEq Concentration (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)
Transformer Room #4 Subarea				
Removal of subsurface soil from these locations achieves acceptable 95% UCL for COC.				
E-SB-1547			340,000 U	37,000,000
E-SB-1551			555,000 U	29,000,000
SB-833	9,600,000	39,347	1,100,000 U	24,000,000
SB-853			70,000 U	19,000,000
E-SB-1598			180,000 U	13,000,000
E-SB-1546			160,000 U	13,000,000
E-SB-1545			91,000 U	7,500,000
E-SB-833A	830,000	401	210,000 U	2,000,000
E-SB-984	310,000	3.8 U	200,000 U	1,700,000
E-SB-1473			92,000 U	1,700,000
E-SB-1601			33,000 U	1,700,000
E-SB-1471			91,000 U	1,400,000
E-SB-1544			25,000 U	1,365,000
E-SB-833K	120,000 J	39 U	100,000 U	970,000
E-SB-1476			85,170 U	953,600 J
The following remaining subsurface soil locations have PCB concentrations exceeding 100 mg/kg.				
E-SB-833L	410,000 J	38 U	99,000 U	700,000
E-SB-1474	330,000	12.9	34,000 U	680,000
SB-855			1,400 U	680,000
E-SB-1461			33,000 U	540,000
SB-854			680 U	470,000
E-SB-1728			41,008 U	375,270
E-SB-1597			17,000 U	380,000
SB-833I	110,000	176.765	21,000 U	350,000
E-SB-1548			16,000 U	320,000
E-SB-1602			3,200 U	300,000
SB-827			20,000 U	260000 J
E-SB-1465			16,000 U	220,000
E-SB-1470			17,000 U	195,000
SB-848			130 U	200,000
E-SB-833E	260000	77 U	9,900 U	180,000
E-SB-852			69 U	120,000

µg/kg - micrograms per kilogram
BaPEq - benzo(a)pyrene equivalents
COC - chemicals of concern
J - estimated value
mg/kg - milligrams per kilogram
PCB - polychlorinated biphenyls
TCB - trichlorobenzene
U - not detected
UCL - upper confidence limit

Table 2-3

Summary of Sample Locations Identified for Remediation - Block E Subsurface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location	1,2,4-TCB (µg/kg)	TCE (µg/kg)	BaPEq Concentration (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)
Southeast Subarea					
Removal of subsurface soil from these locations achieves acceptable 95% UCL for COC.					
E-SB-1713				3,500,000 J	41,000 U
E-VB-11	9,100 B	7,500,000	2,540	400 U	1400
E-SB-1456				1,700,000	100,000 U
E-SB-1751				1,100,000	42,000 U
E-SB-1378				450,000	8,900 U
E-SB-1028	580 U	730,000	24.9	39 U	360
E-SB-1027	42 U	50,000	70.2	20 U	110
Three remaining subsurface soil locations with PCB concentrations exceeding 100 mg/kg (=100,000 µg/kg).					
E-VB-04				260,000	19,000 U
E-VB-01				150,000	9,300 U
E-SB-1448				130,000	10,000 U

µg/kg - micrograms per kilogram
BaPEq - benzo(a)pyrene equivalents
COC - chemicals of concern
J - estimated value
mg/kg - milligrams per kilogram
TCB - trichlorobenzene
TCE - trichloroethene
U - not detected
UCL - upper confidence limit

ATTACHMENTS

Attachment A—Data Histograms

Attachment B—Detailed Tables for Residual Risk Analysis

Attachment C—Final Cumulative-Risk Estimates (Post-Residual Risk Analysis) for Industrial Workers (Block E Surface Soil) and Construction Workers (Block E Subsurface Soil by Subarea)

ATTACHMENT A—DATA HISTOGRAMS

Figure A-1
Histogram of Aroclor 1260 Concentrations in Surface Soil
Block E Lockheed Martin
Non-detects = One-half Detection Limit

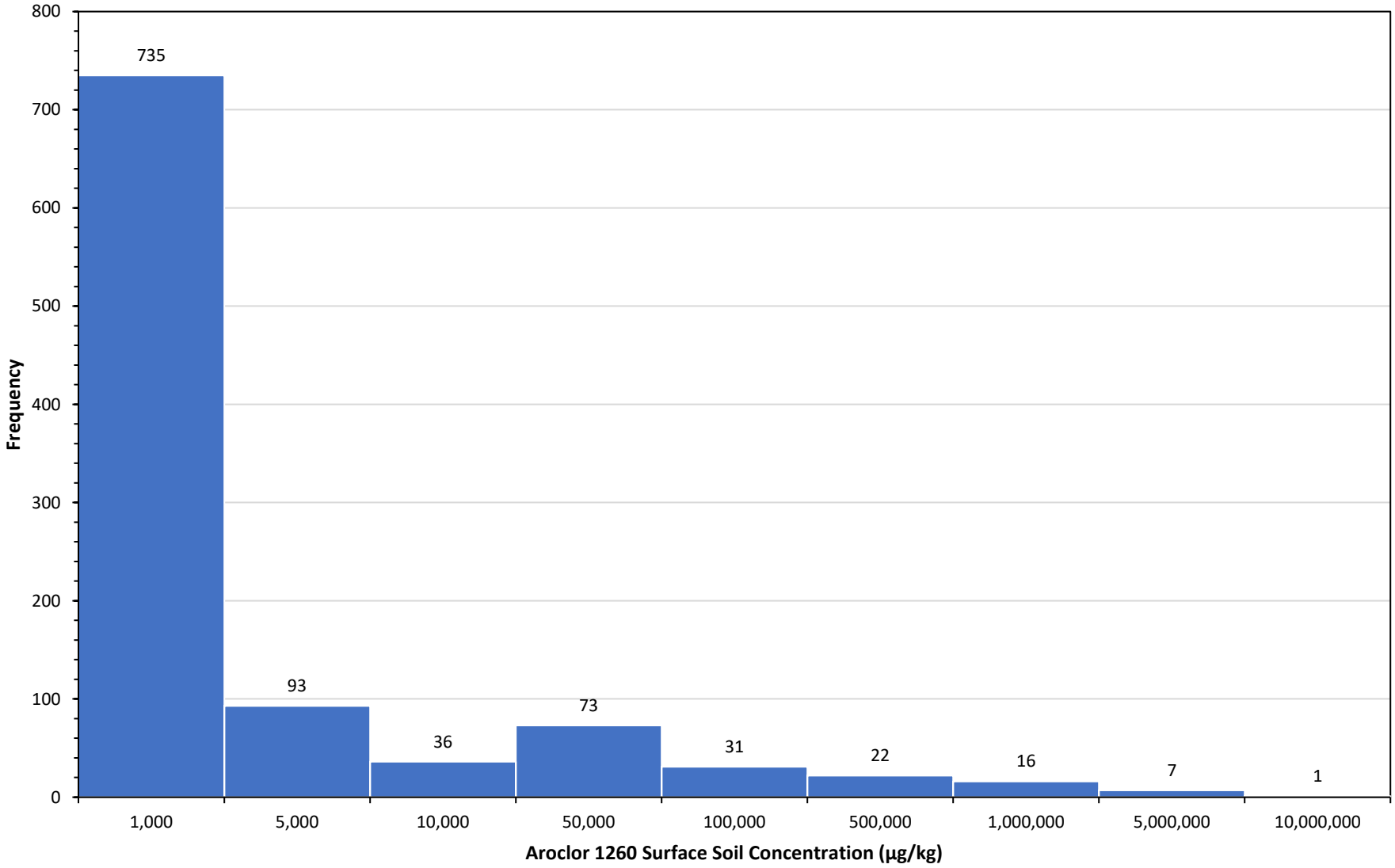


Figure A-2
Histogram of Aroclor 1260 Concentrations in Surface Soil
Block E Lockheed Martin
First Bin = Non-detects

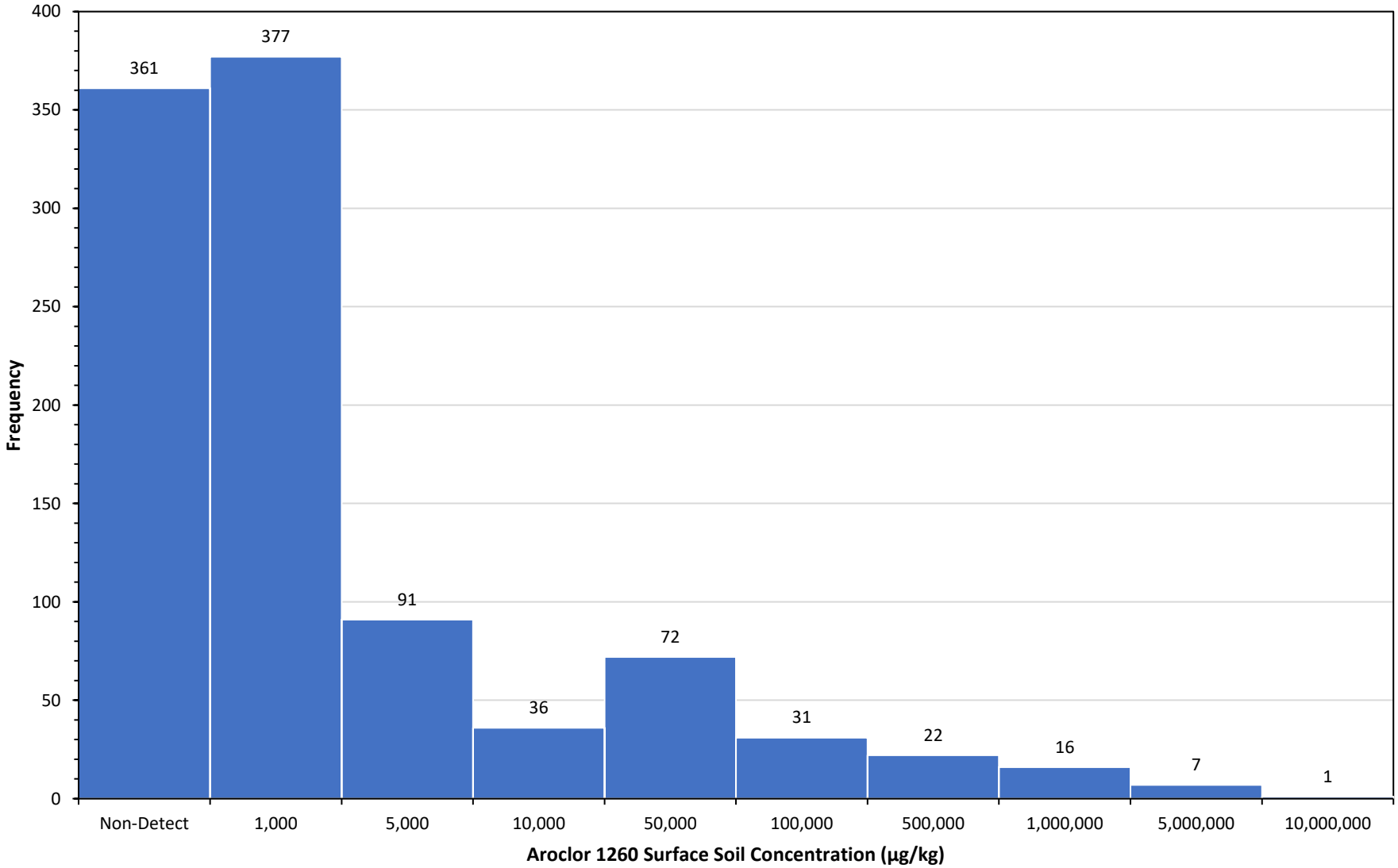


Figure A-3
Histogram of Aroclor 1260 Concentrations in Subsurface Soil
Block E Lockheed Martin
Non-detects = One-half Detection Limit

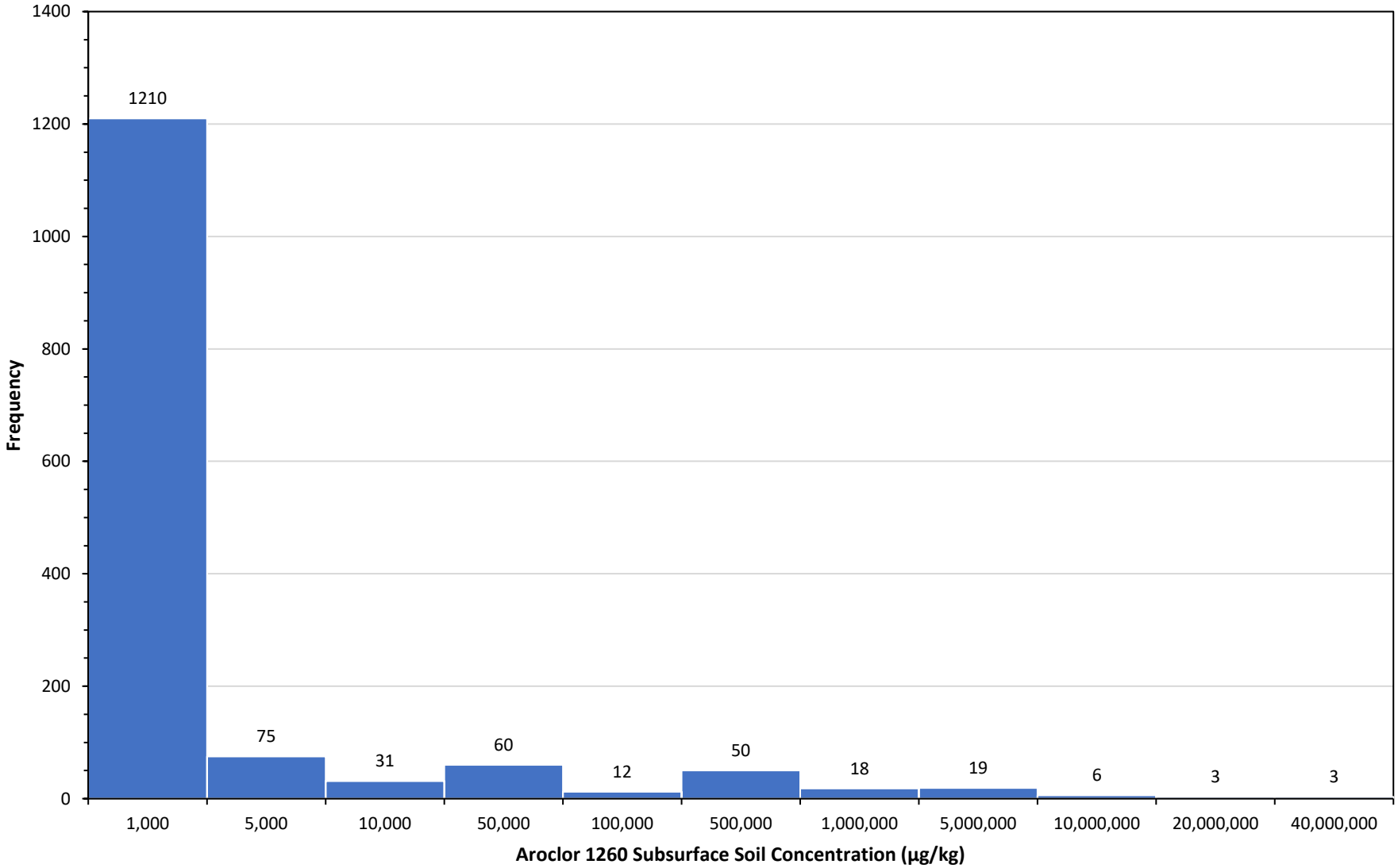


Figure A-4
Histogram of Aroclor 1260 Concentrations in Subsurface Soil
Block E Lockheed Martin
First Bin = Non-detects

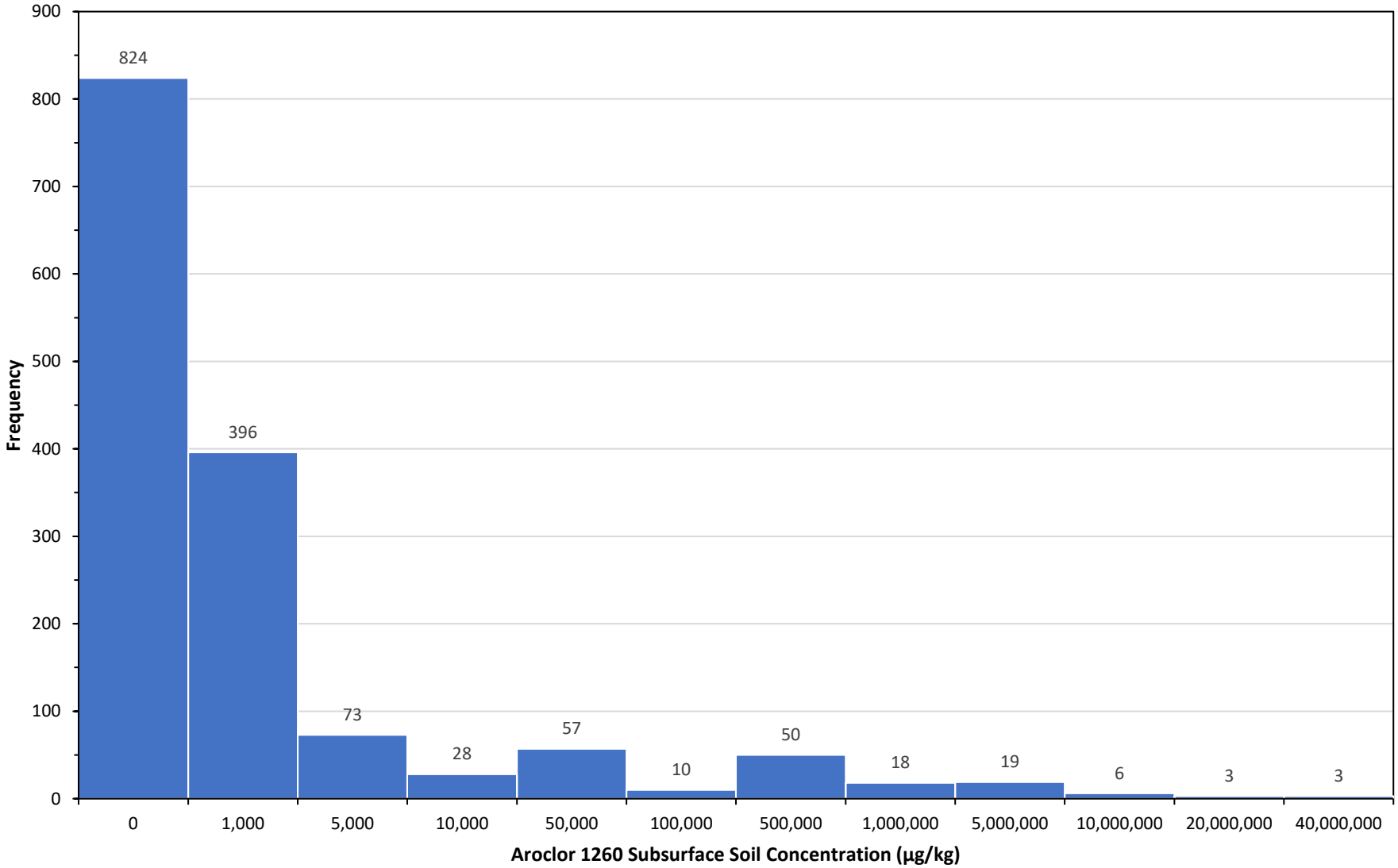


Figure A-5
Histogram of Aroclor 1260 Concentrations in Subsurface Soil Excluding Four Subareas
Block E Lockheed Martin
Non-detects = One-half Detection Limit

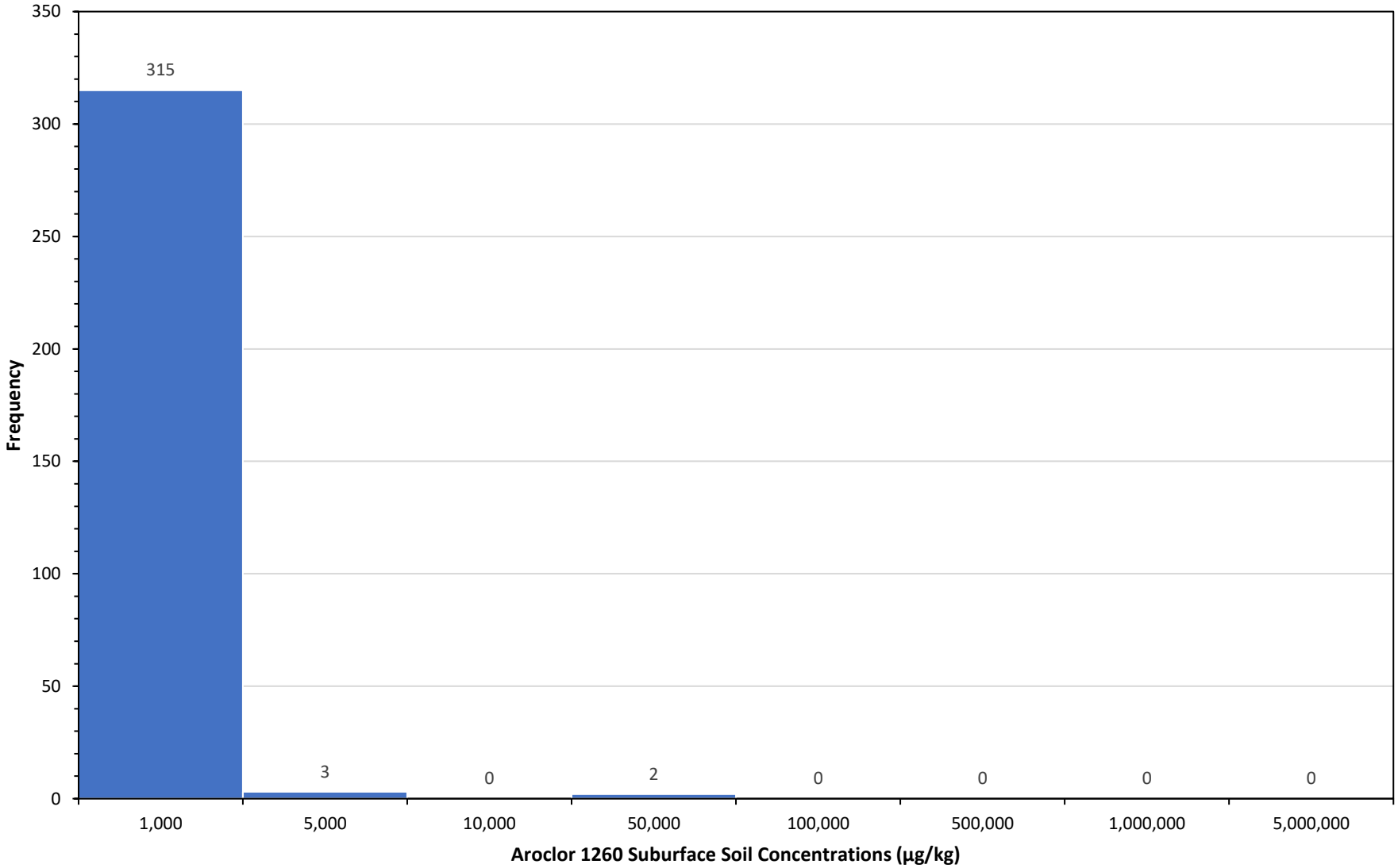


Figure A-6
Histogram of Aroclor 1260 Concentrations in Subsurface Soil Excluding Four Subareas
Block E Lockheed Martin
First Bin = Non-detects

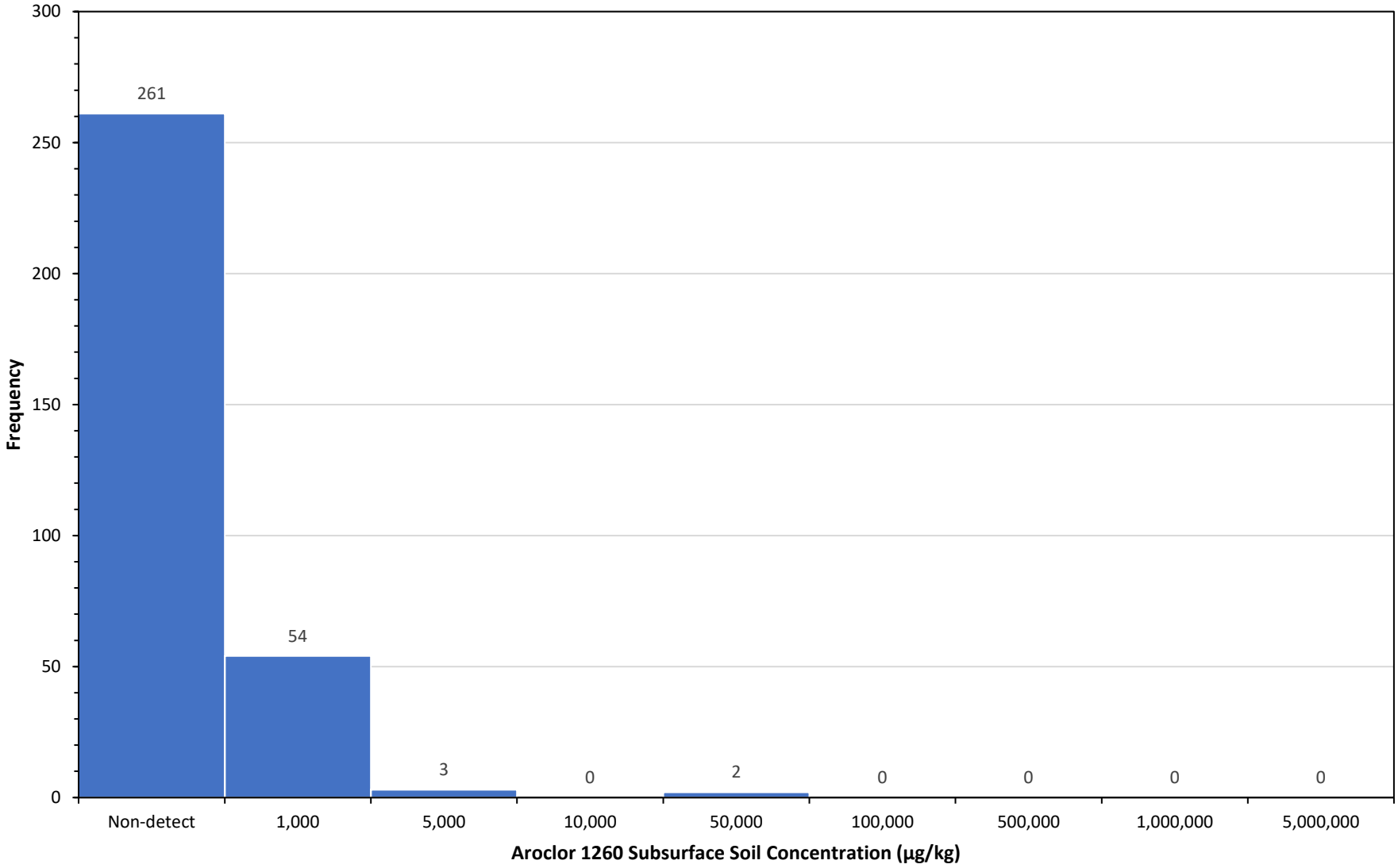


Figure A-7
Histogram of Aroclor 1260 Concentrations in Subsurface Soil at Transformer Room #2 Subarea
Block E Lockheed Martin
Non-detects = One-half Detection Limit

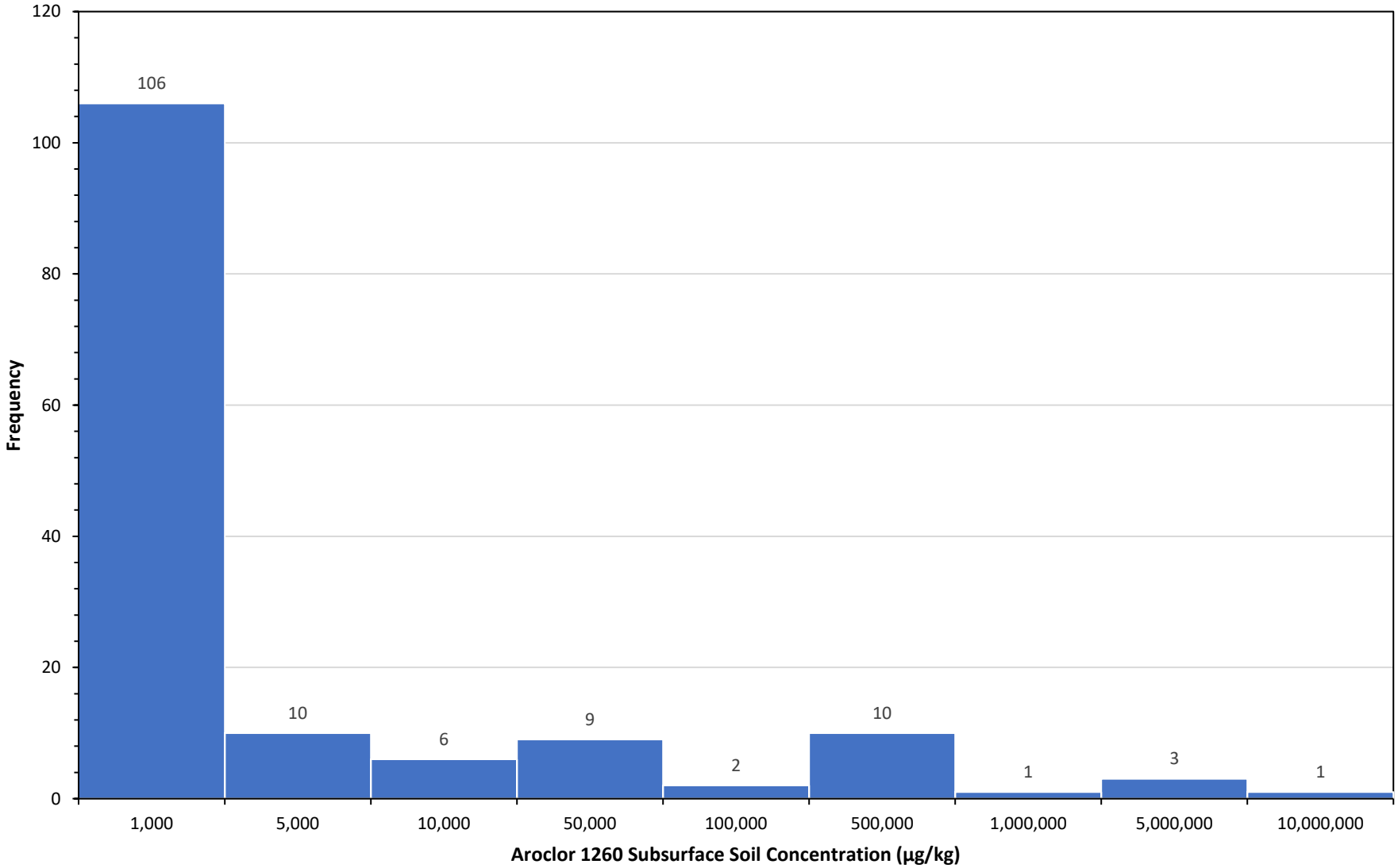


Figure A-8
Histogram of Aroclor 1260 Concentrations in Subsurface Soil at Transformer Room #2 Subarea
Block E Lockheed Martin
First Bin = Non-detects

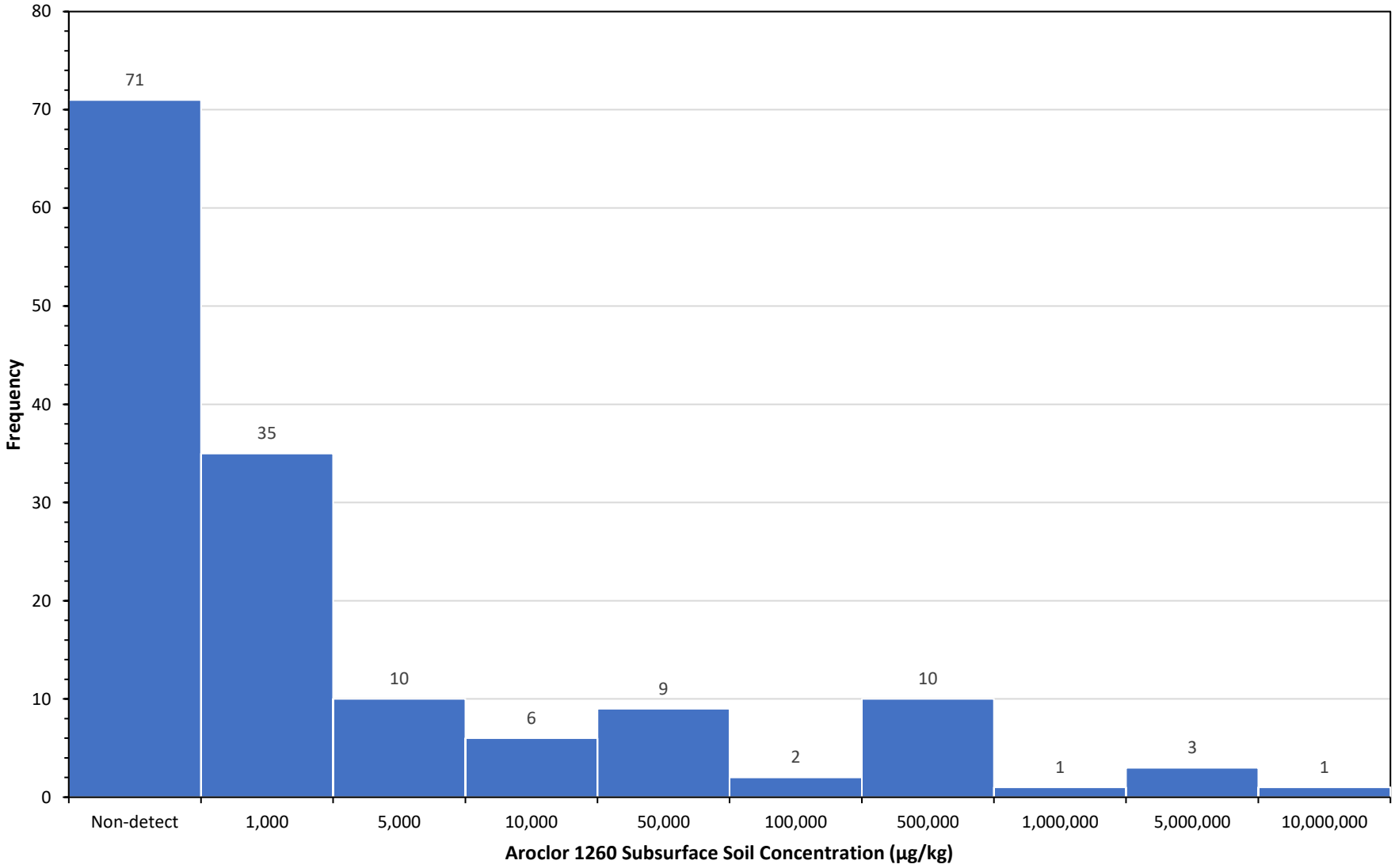


Figure A-9
Histogram of Aroclor 1260 Concentrations in Subsurface Soil at Transformer Room #3 Subarea
Block E Lockheed Martin
Non-detects = One-half Detection Limit

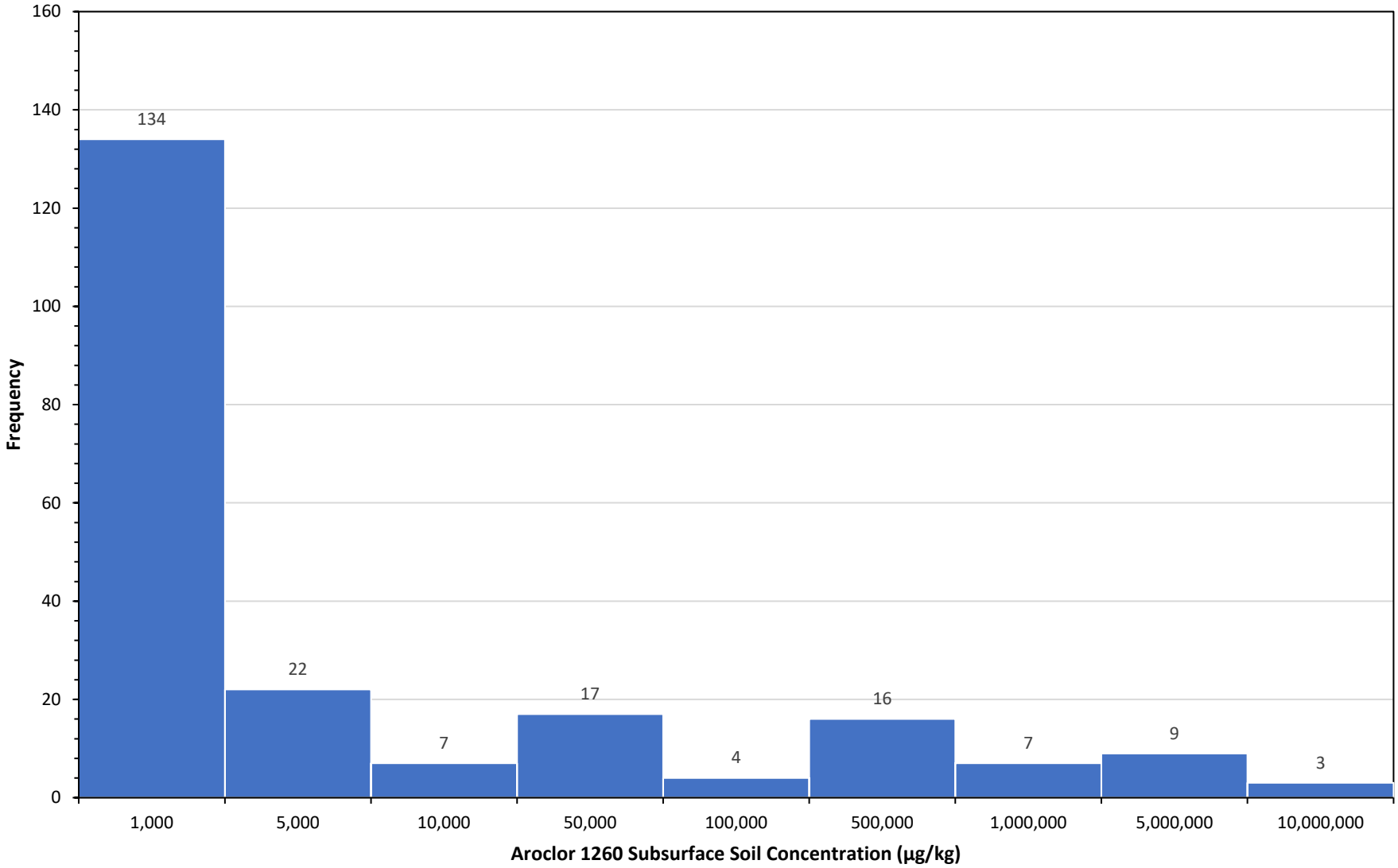


Figure A-10
Histogram of Aroclor 1260 Concentrations in Subsurface Soil at Transformer Room #3 Subarea
Block E Lockheed Martin
First Bin = Non-detects

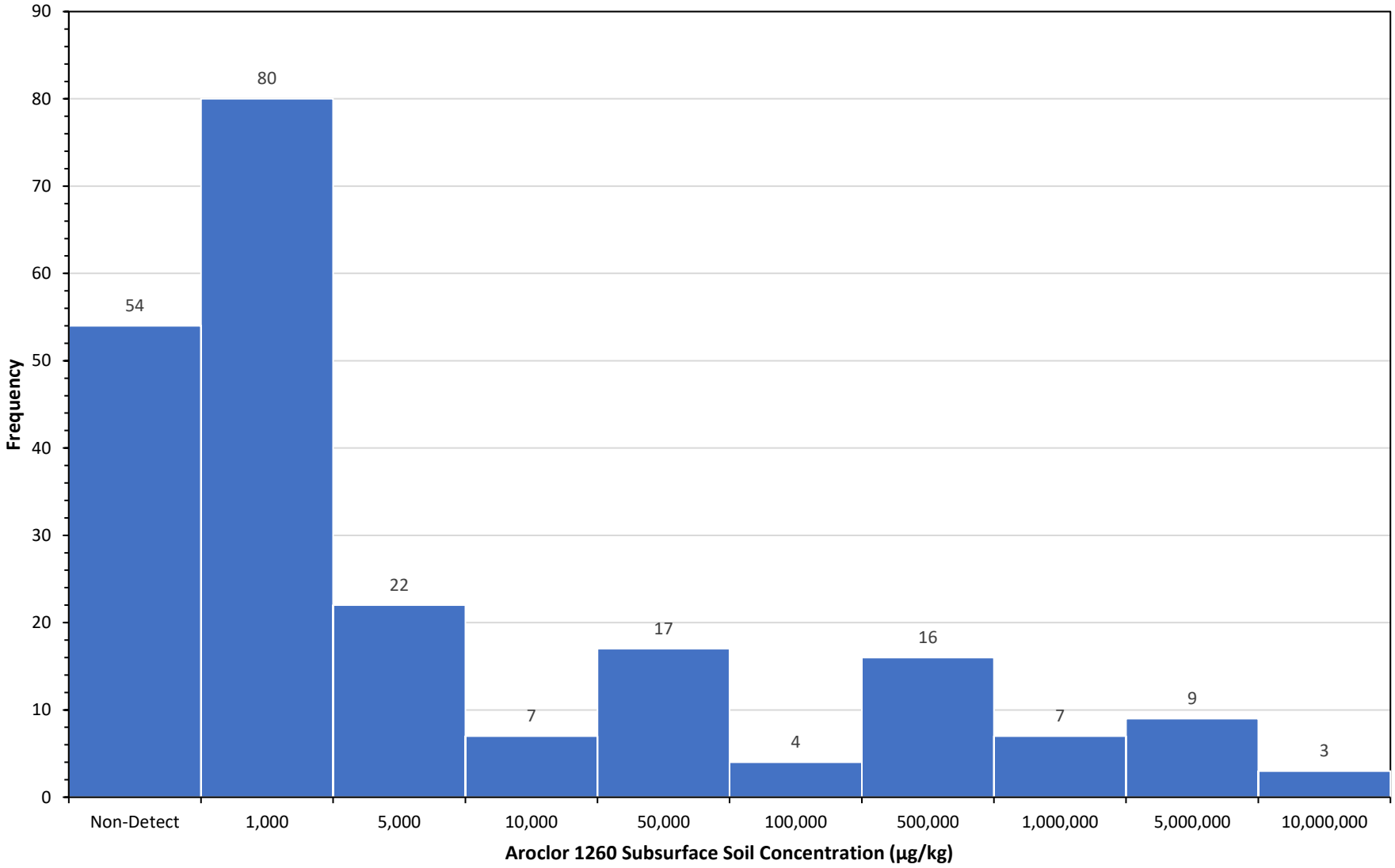


Figure A-11
Histogram of Aroclor 1260 Concentrations in Subsurface Soil at Transformer Room #4 Subarea
Block E Lockheed Martin
Non-detects = One-half Detection Limit

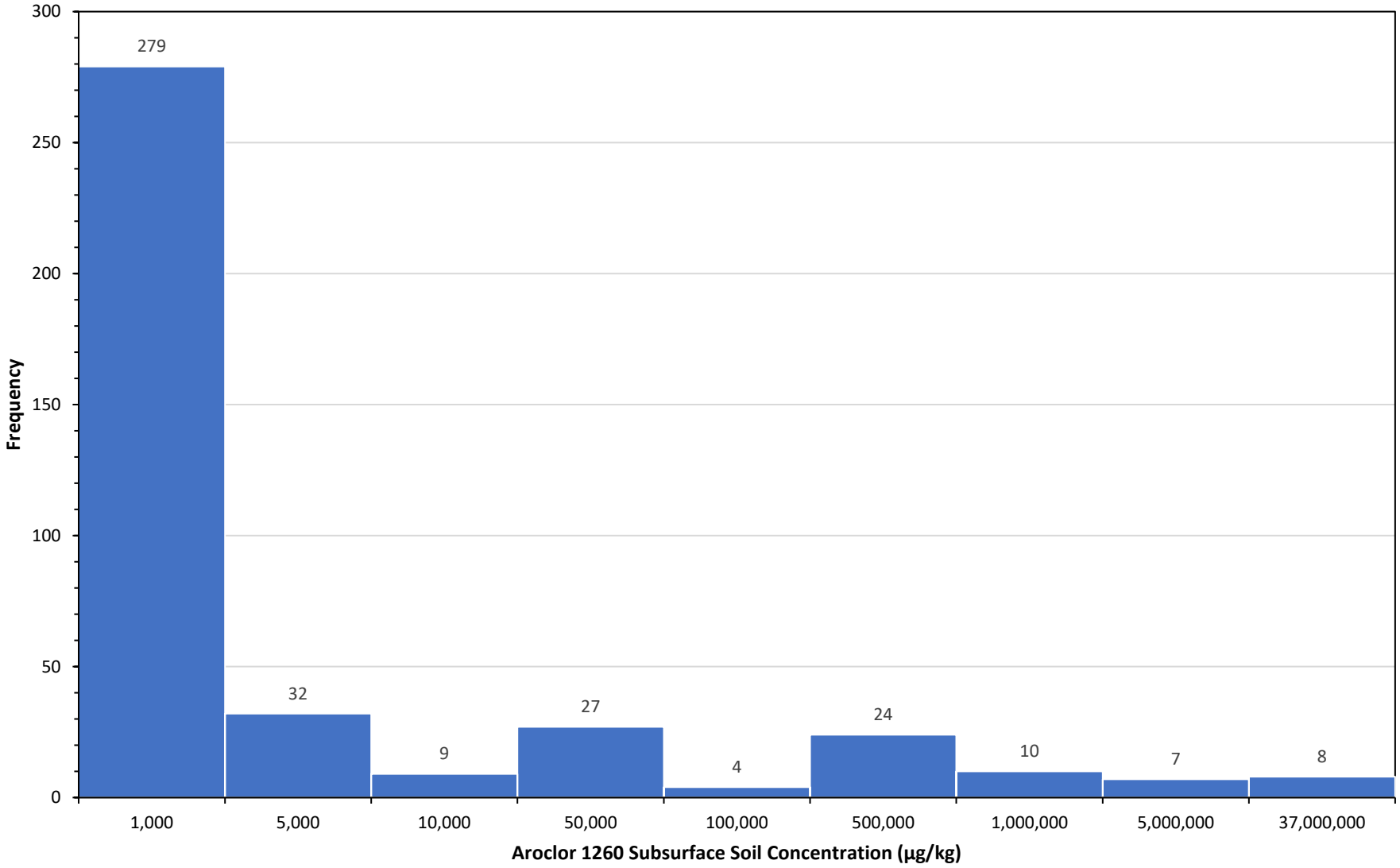


Figure A-12
Histogram of Aroclor 1260 Concentrations in Subsurface Soil at Transformer Room #4 Subarea
Block E Lockheed Martin
First Bin = Non-detects

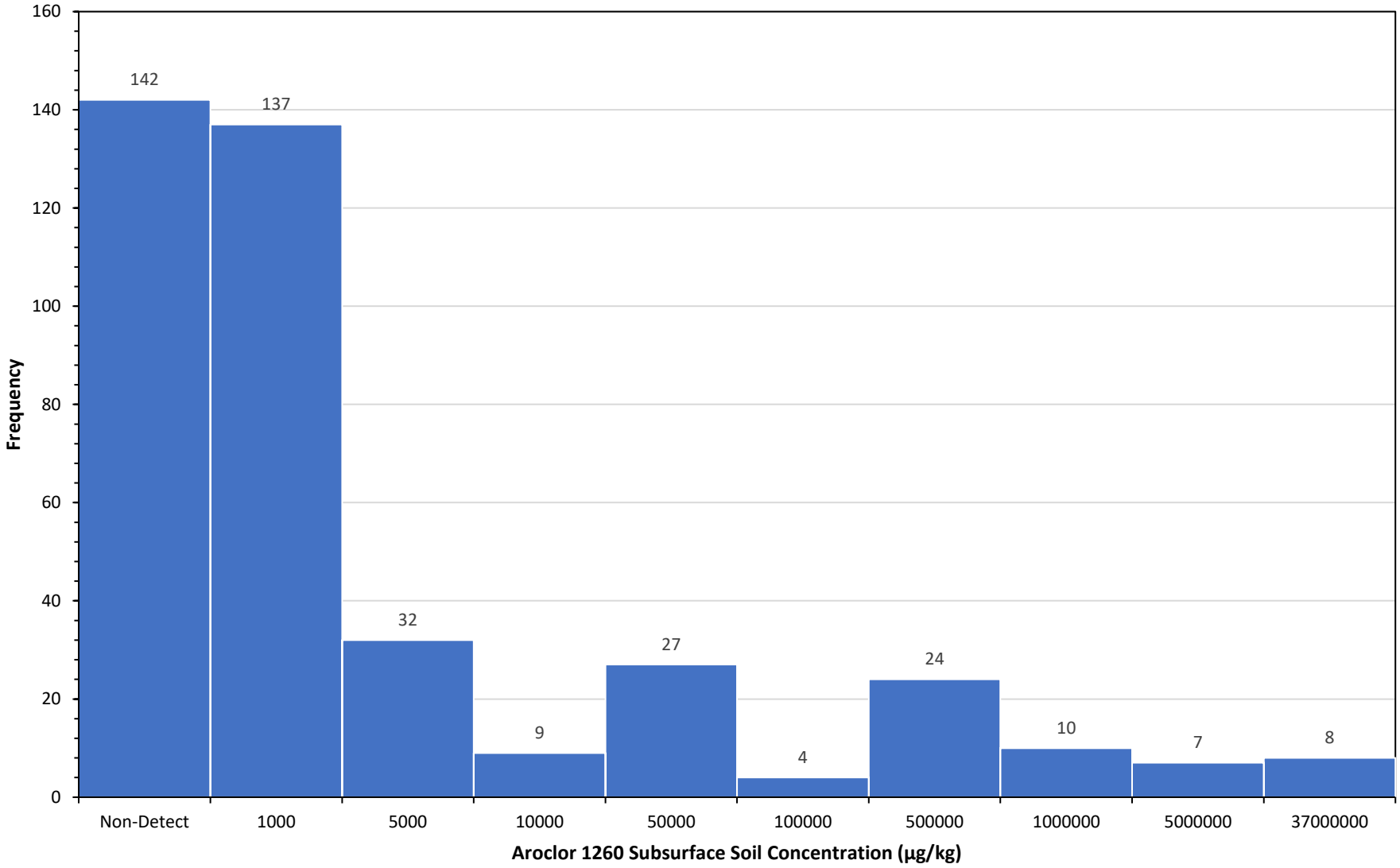


Figure A-13
Histogram of Aroclor 1254 Concentrations in Subsurface Soil - Southeast Subarea
Block E Lockheed Martin
Non-detects = One-half Detection Limit

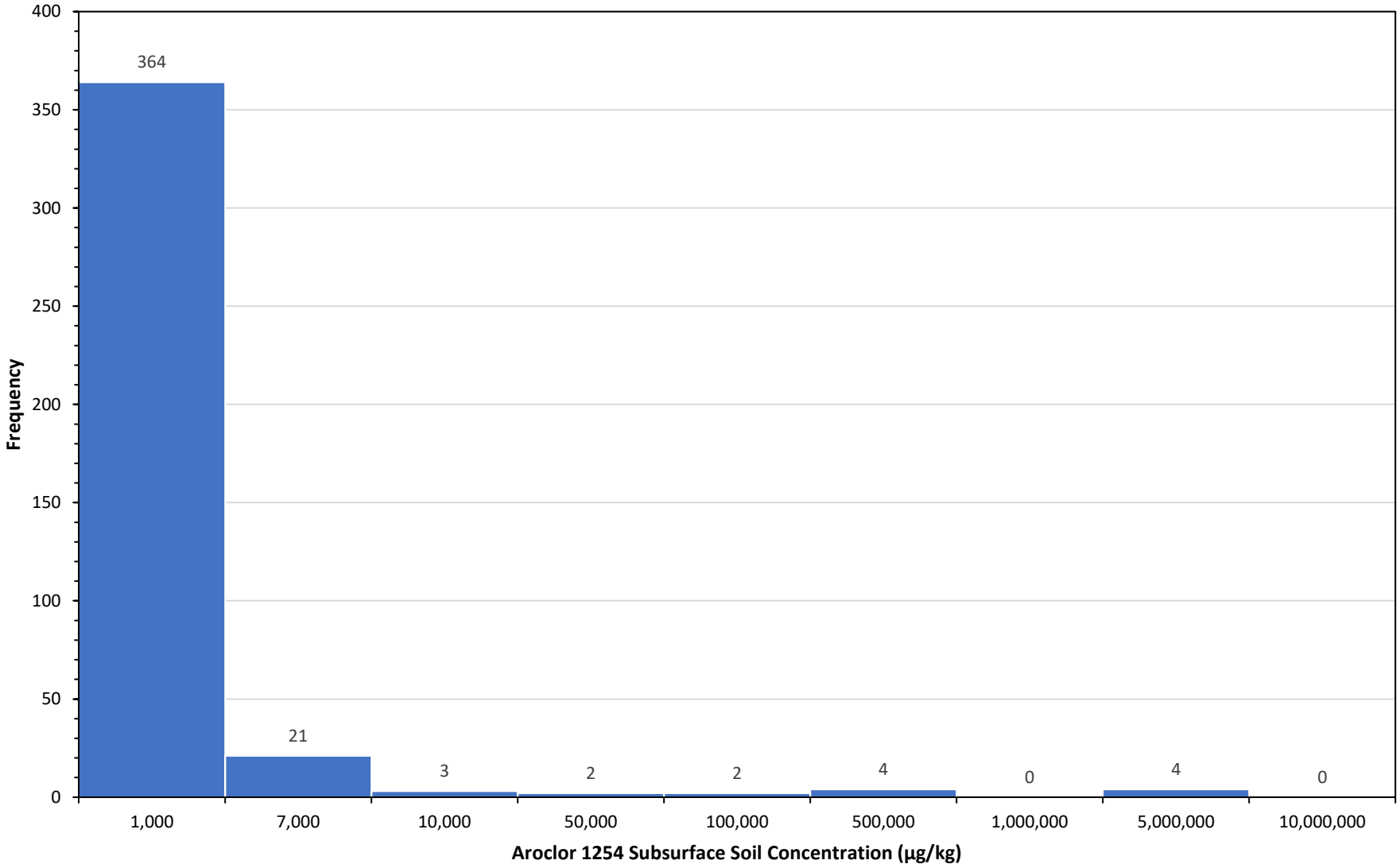


Figure A-14
Histogram of Aroclor 1254 Concentrations in Subsurface Soil - Southeast Subarea
Block E Lockheed Martin
First Bin = Non-detects

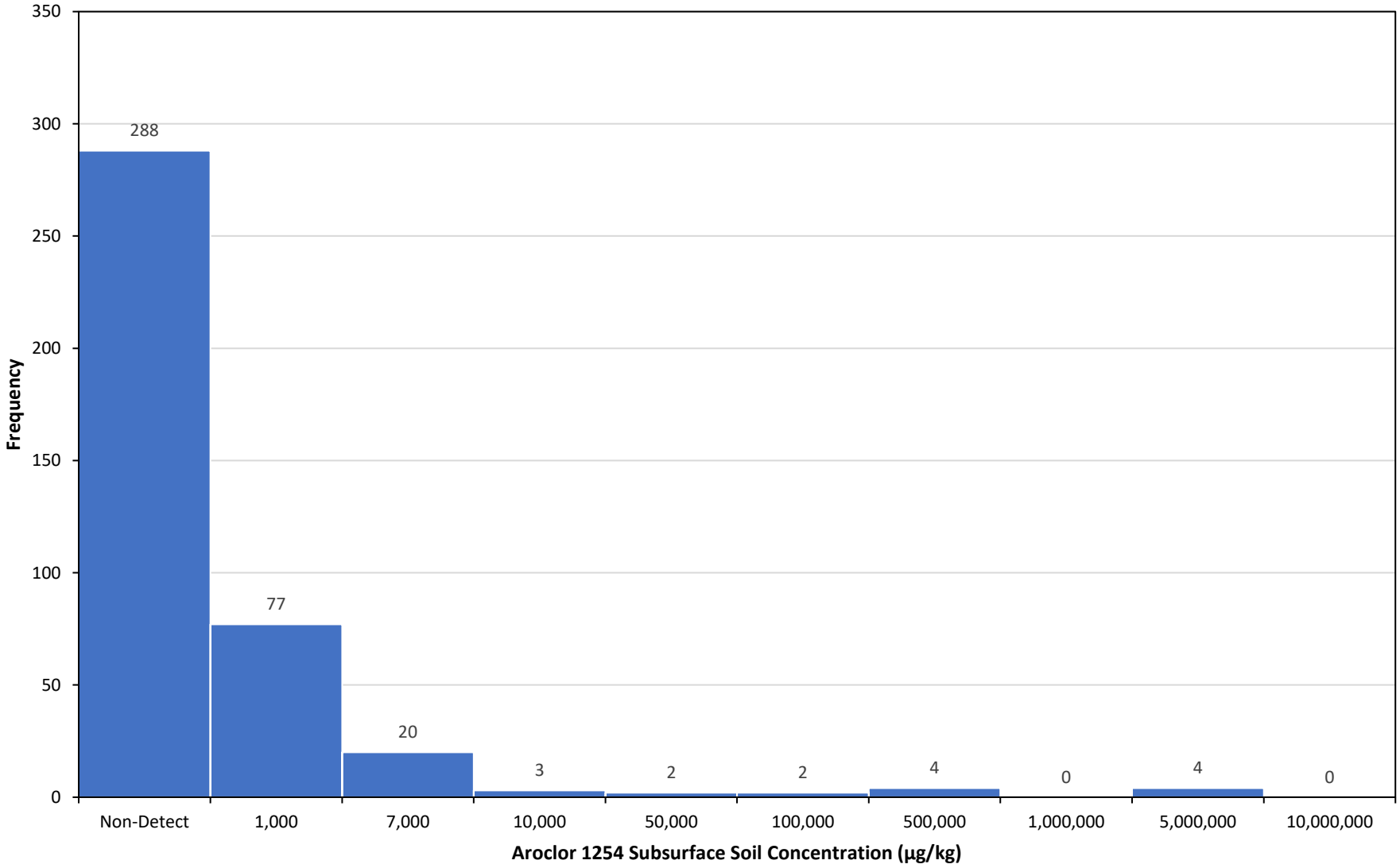


Figure A-15
Histogram of Aroclor 1260 Concentrations in Subsurface Soil - Southeast Subarea
Block E Lockheed Martin
Non-detects = One-half Detection Limit

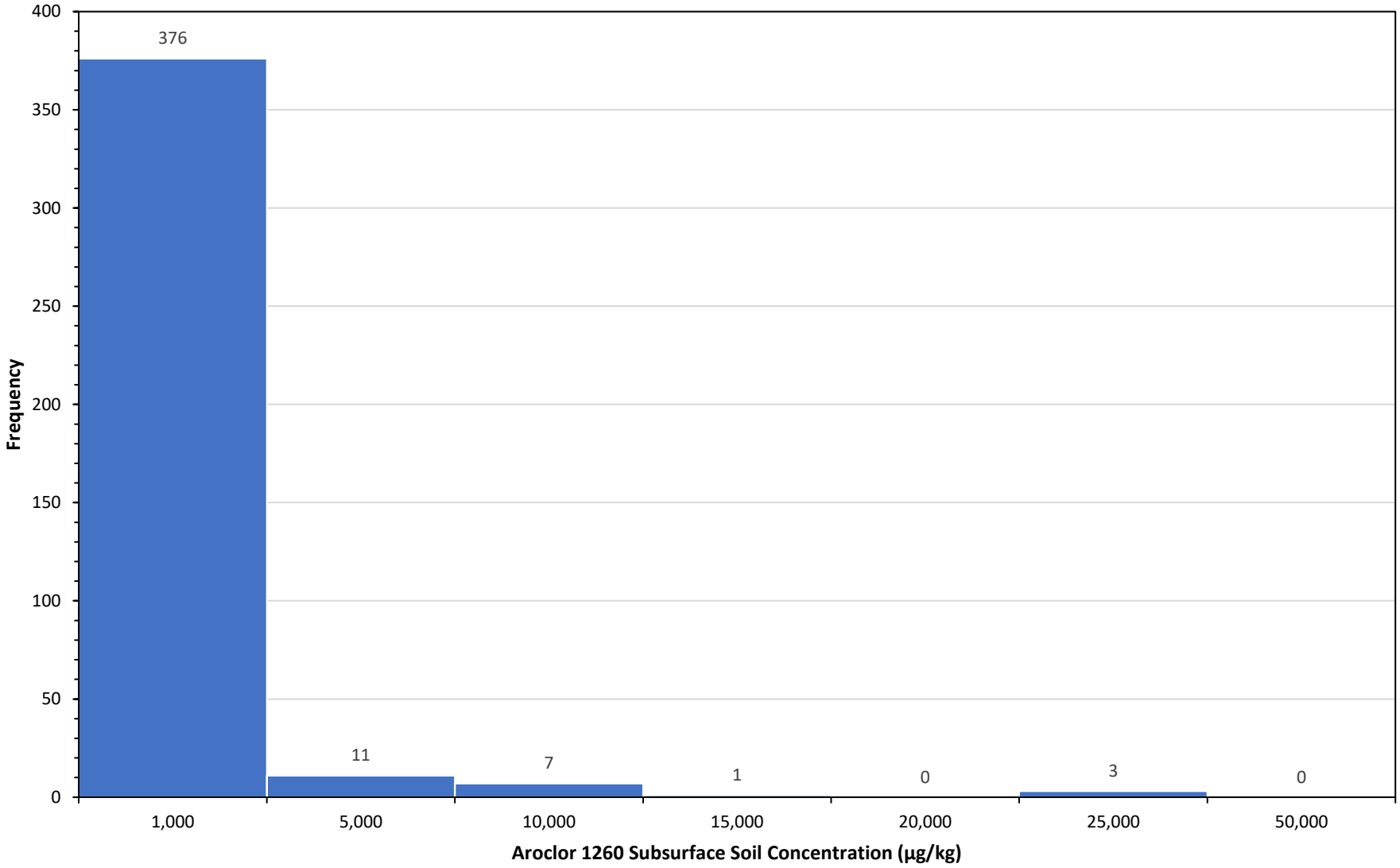
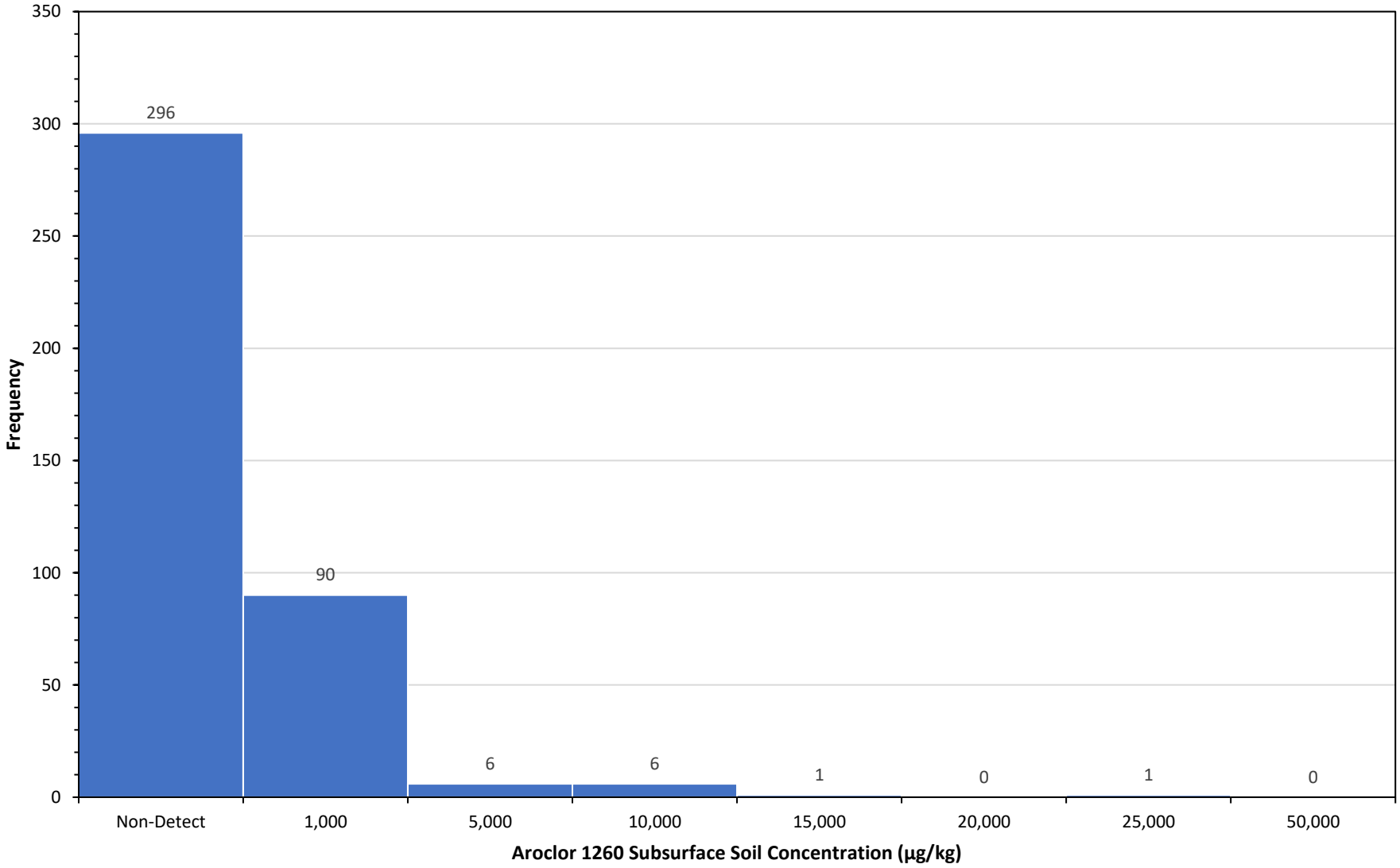


Figure A-16
Histogram of Aroclor 1260 Concentrations in Subsurface Soil - Southeast Subarea
Block E Lockheed Martin
First Bin = Non-detects



ATTACHMENT B—DETAILED TABLES FOR RESIDUAL RISK ANALYSIS

LIST OF TABLES
RESIDUAL RISK ANALYSIS RESULTS

Table No.

B-1 Surface Soil (0 to 2 feet)
B-2 Subsurface Soil (2 to 20 feet) Excluding Four Subareas
B-3 Subsurface Soil (2 to 20 feet) Transformer Room #2 Subarea
B-4 Subsurface Soil (2 to 20 feet) Transformer Room #3 Subarea
B-5 Subsurface Soil (2 to 20 feet) Transformer Room #4 Subarea
B-6 Subsurface Soil (2 to 20 feet) Southeast Subarea

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
Samples Needing Removal to Achieve an 95% UCL that Meets PRGs.									
E-SB-1447	***E-SB-1447-0-2***	0 - 2		782	190,000 U	5,300,000	5.6E-03	6.5E+00	Samples needing removal to meet PRGs for industrial workers exposed to 1,2,4-TCB (330,000 µg/kg or 330 mg/kg), BaPEq (2,900 µg/kg or 2.9 mg/kg), Aroclor 1254 (7,000 µg/kg or 7 mg/kg), and Aroclor 1260 (10,000 ug/kg or 10 mg/kg) and a cumulative cancer risk level of $1x10^{-5}$. Site 95% UCLs are 1,2,4-TCB (131 µg/kg), BaPEq (1,620 µg/kg), Aroclor 1254 (531 µg/kg), and Aroclor 1260 (5,110 µg/kg). The residual ILCR would be $8x10^{-6}$ and the residual cumulative HI would be 0.2.
E-SB-1501	***E-SB-1501-0-2***	0 - 2		2.49	160,000 U	4,900,000	5.1E-03	5.5E+00	
E-SB-1589	***E-SB-1589-1-2***	1 - 2			160,000 U	4,500,000	4.8E-03	5.5E+00	
	E-SB-1589-0-1	0 - 1			810 U	110,000 J	1.1E-04	2.8E-02	
E-SB-1461	***E-SB-1461-0-2***	0 - 2			330,000 U	4,200,000	4.6E-03	1.1E+01	
SB-852	***E-SB-852-01***	0 - 1			7,000 U	3,300,000	3.3E-03	2.4E-01	
SB-353	***SB-353-0001***	0 - 1			740,000 U	1,800,000	3.0E-03	2.5E+01	
SB-529	***SB-529-0001***	0 - 1			200,000 U	1,500,000	1.8E-03	6.8E+00	
E-SB-984	***E-SB-984-0.5-2***	0.5 - 2			92,000 U	990,000	1.1E-03	3.1E+00	
	E-SS-984-0-0.5	0 - 0.5			94 U	740	8.8E-07	3.2E-03	
E-SB-864	***E-SB-864-SB-0.0-0.5***	0 - 0.5			3,000 U	1,100,000	1.1E-03	1.0E-01	
	E-SB-864-SB-0.5-2.0	0.5 - 2			1.3 U	2,200 J	2.2E-06	4.4E-05	
E-SB-1475	***E-SB-1475-0-2***	0 - 2			81,000 U	1,000,000	1.1E-03	2.8E+00	
E-SB-1744	***E-SB-1744-0-1***	0 - 1			930,000 J	21,000 U	9.9E-04	6.3E+01	
	E-SB-1744-1-2	1 - 2			39,000 J	1,000 U	4.2E-05	2.7E+00	
E-SB-862	***E-SB-862-SB-0.0-0.5***	0 - 0.5			1,400 U	880,000	8.9E-04	4.8E-02	
	E-SB-862-SB-0.5-2.0	0.5 - 2			27 U	18,000 K	1.8E-05	9.2E-04	
E-SB-1240	***E-SB-1240-0-1***	0 - 1			11,000 U	860,000 J	8.9E-04	3.7E-01	
	E-SB-1240-1-2	1 - 2			56 U	1,700	1.8E-06	1.9E-03	
E-SB-980	***E-SB-980-0-0.5***	0 - 0.5		3,608	33,000 U	800,000	8.6E-04	1.1E+00	
	E-SB-980-0.5-2	0.5 - 2		3.8 U	200 U	730	1.0E-06	6.8E-03	
E-SB-1507	***E-SB-1507-0-2***	0 - 2		0.66 U	29,000 U	800,000	8.4E-04	9.9E-01	
SB-530	***SB-530-0001***	0 - 1			89,000 U	690,000	8.4E-04	3.0E+00	
E-SB-1713	***E-SB-1713-1-2***	1 - 2			790,000 J	9,400 U	8.3E-04	5.4E+01	
	E-SB-1713-0-1	0 - 1			81,000 J	1,000 U	8.5E-05	5.5E+00	
E-SB-1547	***E-SB-1547-0-2***	0 - 2			16,000 U	750,000	7.9E-04	5.5E-01	
E-SB-1200	***E-SB-1200-0-1***	0 - 1			25,000 U	740,000	7.8E-04	8.5E-01	
	E-SB-1200-1-2	1 - 2			54 U	1,500	1.6E-06	1.8E-03	
E-SB-981	***E-SB-981-0.5-2***	0.5 - 2		1,214	36,000 U	720,000	7.8E-04	1.2E+00	
	E-SB-981-0-0.5	0 - 0.5		1,258	8,700 U	110,000	1.2E-04	3.0E-01	
SB-833K	***E-SB-833K-02***	2 - 2	210,000	1,788	39,000 U	680,000	7.5E-04	2.2E+00	
E-SB-1499	***E-SB-1499-0-2***	0 - 2		39.2	160,000 U	530,000	7.3E-04	5.5E+00	
E-SB-1677	***E-SB-1677-0-1***	0 - 1			7,900 U	690,000	7.1E-04	2.7E-01	
	E-SB-1677-1-2	1 - 2			1,600 U	200,000	2.0E-04	5.5E-02	
E-SB-1098	***E-SB-1098-1-2***	1 - 2			31,000 U	550,000	6.0E-04	1.1E+00	
	E-SB-1098-0-1	0 - 1			670 U	37,000	3.8E-05	2.3E-02	
PUSTA	***PUSTA-022916***	1 - 1	1.5 J	1782.5	33,000 U	530000	5.8E-04	1.1E+00	
SB-861	***E-SB-861-SB-0.0-0.5-AVG***	0 - 0.5			1,115 U	540,000	5.5E-04	3.8E-02	
SB-354	***SB-354-0001***	0 - 1			83,000 U	400,000	5.3E-04	2.8E+00	
E-SB-1594	***E-SB-1594-0-1***	0 - 1			16,000 U	460,000 J	4.9E-04	5.5E-01	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
	E-SB-1594-1-2	1 - 2			81 U	5,200 J	5.4E-06	2.8E-03	
E-SB-870	***E-SB-870-SB-0.0-0.5***	0 - 0.5			640 U	480,000 K	4.9E-04	2.2E-02	
	E-SB-870-SB-0.5-2.0	0.5 - 2			2.6 U	3,100	3.1E-06	8.9E-05	
E-SB-1378	***E-SB-1378-0-2***	0 - 2			330,000	59,000	4.0E-04	2.2E+01	
SB-833E	***E-SB-833E-02***	2 - 2	180,000	4 U	20,000 U	360,000	3.9E-04	1.4E+00	
E-SB-1187	***E-SB-1187-1-2***	1 - 2			27,000 U	340,000	3.8E-04	9.2E-01	
	E-SB-1187-0-1	0 - 1			2,600 U	58,000	6.3E-05	8.9E-02	
E-SB-974	***E-SB-974-0-0.5***	0 - 0.5		45,369	23,000 U	320,000	3.8E-04	9.9E-01	
	E-SB-974-0.5-2	0.5 - 2		3.5 U	18 U	39	6.6E-08	6.2E-04	
E-SB-1109	***E-SB-1109-0-1***	0 - 1			5,700 U	290,000	3.0E-04	1.9E-01	
	E-SB-1109-1-2	1 - 2			54 U	2,100	2.2E-06	1.8E-03	
E-SB-1148	***E-SB-1148-0-1***	0 - 1			5,500 U	280,000	2.9E-04	1.9E-01	
	E-SB-1148-1-2	1 - 2			53 U	3,300	3.4E-06	1.8E-03	
E-SB-868	***E-SB-868-SB-0.0-0.5-AVG***	0 - 0.5			275 U	280,000	2.8E-04	9.4E-03	
	E-SB-868-SB-0.5-2.0	0.5 - 2			2.6 U	860	8.7E-07	8.9E-05	Samples needing removal to meet PRGs for industrial workers exposed to 1,2,4-TCB (330,000 µg/kg or 330 mg/kg), BaPEq (2,900 µg/kg or 2.9 mg/kg), Aroclor 1254 (7,000 µg/kg or 7 mg/kg), and Aroclor 1260 (10,000 µg/kg or 10 mg/kg) and a cumulative cancer risk level of $1x10^{-5}$.Site 95% UCLs are 1,2,4-TCB (131 µg/kg), BaPEq (1,620 µg/kg), Aroclor 1254 (531 µg/kg), and Aroclor 1260 (5,110 µg/kg). The residual ILCR would be $8x10^{-6}$ and the residual cumulative HI would be 0.2.
SB-004A	***SB-4A-SS***	0 - 0	140	365	58,000 U	180,000	2.7E-04	2.1E+00	
SB-531	***SB-531-0001***	0 - 1			38,000 U	190,000	2.5E-04	1.3E+00	
E-SB-1151	***E-SB-1151-0-1***	0 - 1			5,500 U	200,000	2.1E-04	1.9E-01	
	E-SB-1151-1-2	1 - 2			29 U	220	2.7E-07	9.9E-04	
SB-361	***SB-361-0001***	0 - 1			38,000 U	140,000	2.0E-04	1.3E+00	
E-SB-869	***E-SB-869-SB-0.0-0.5***	0 - 0.5			300 U	170,000	1.7E-04	1.0E-02	
	E-SB-869-SB-0.5-2.0	0.5 - 2			2.6 U	1,600	1.6E-06	8.9E-05	
SUST1	***SUST1-022916***	1.5 - 1.5	0.4 U	6800	7900 U	150000	1.6E-04	3E-01	
E-SB-1107	***E-SB-1107-0-1***	0 - 1			5,100 U	140,000	1.5E-04	1.7E-01	
	E-SB-1107-1-2-AVG	1 - 2			53.5 U	1,750	1.8E-06	1.8E-03	
E-SB-978	***E-SB-978-0-0.5***	0 - 0.5		2,025	8,600 U	97,000	1.5E-04	3.0E-01	
	E-SB-978-0.5-2	0.5 - 2		12,383	1,800 U	16,000	2.5E-05	1.2E-01	
E-SB-1192	***E-SB-1192-0-1***	0 - 1			2,600 U	140,000	1.5E-04	8.9E-02	
	E-SB-1192-1-2	1 - 2			530 U	34,000	3.5E-05	1.8E-02	
E-SB-1153	***E-SB-1153-0-1***	0 - 1			6,000 U	130,000	1.4E-04	2.0E-01	
	E-SB-1153-1-2	1 - 2			5.3 U	170	1.8E-07	1.8E-04	
SB-505	***SB-505-0001***	0 - 1	6 U	827	20,000 U	99,000	1.3E-04	7.6E-01	
SB-355	***SB-355-0001***	0 - 1			21,000 U	96,000	1.3E-04	7.2E-01	
E-SB-1456	***E-SB-1456-0-2***	0 - 2			110,000	5,300 U	1.2E-04	7.5E+00	
SB-536	***SB-536-0001***	0 - 1			26,000 U	77,000	1.2E-04	8.9E-01	
E-SB-1596	***E-SB-1596-1-2***	1 - 2			3,100 U	110,000	1.2E-04	1.1E-01	
	E-SB-1596-0-1	0 - 1			340 U	13,000	1.4E-05	1.2E-02	
PUSTB	***PUSTB-030116***	1.5 - 1.5	0.41 U	60052	7800 U	74,000	1.1E-04	5E-01	
E-SB-975	***E-SB-975-0-0.5***	0 - 0.5		2,795	9,200 U	87,000	1.0E-04	3.3E-01	
	E-SB-975-0.5-2	0.5 - 2		53.7	980 U	7,600	9.1E-06	3.4E-02	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1196	***E-SB-1196-0-1***	0 - 1			2,500 U	97,000	1.0E-04	8.5E-02	
	E-SB-1196-1-2	1 - 2			50 U	2,400	2.5E-06	1.7E-03	
Additional Samples Included with PCB Concentrations Greater than 25,000 µg/kg or 25 mg/kg									
E-SB-1472	***E-SB-1472-0-2***	0 - 2			3,400 U	94,000	9.9E-05	1.2E-01	Additional samples included with PCB concentrations greater than 25 mg/kg. Site 95% UCLs are 1,2,4-TCB (117 µg/kg), BaPEq (1,320 ug/kg), Aroclor 1254 (197 µg/kg), and Aroclor 1260 (1,460 µg/kg). The residual ILCR would be $3x10^{-6}$ and the residual cumulative HI would be 0.2.
E-SB-1086	***E-SB-1086-0-1***	0 - 1			3,400 U	90,000	9.6E-05	1.2E-01	
	E-SB-1086-1-2-AVG	1 - 2			5.75 U	85	9.5E-08	2.0E-04	
E-SB-1243	***E-SB-1243-1-2***	1 - 2			3,300 U	90,000	9.6E-05	1.1E-01	
	E-SB-1243-0-1	0 - 1			310 U	18,000 J	1.9E-05	1.1E-02	
SB-568	***SB-568-SS0-0.5***	0 - 0.5			9,000 U	81,000 J	9.6E-05	3.1E-01	
	SB-568-SS0.5-1	0.5 - 1			910 U	11,000	1.3E-05	3.1E-02	
	SB-568-2	2 - 2			18 U	18 U	3.7E-08	6.1E-04	
E-SB-988	***E-SS-988-0-0.5***	0 - 0.5			9,900 U	80,000	9.5E-05	3.4E-01	
	E-SB-988-0.5-2	0.5 - 2			380 U	3,700	4.3E-06	1.3E-02	
E-SB-1191	***E-SB-1191-0-1***	0 - 1			2,700 U	83,000	8.8E-05	9.2E-02	
	E-SB-1191-1-2-AVG	1 - 2			110 U	4,300	4.5E-06	3.7E-03	
E-SB-1494	***E-SB-1494-0-2***	0 - 2		1,096	8,500 U	71,000	8.3E-05	2.9E-01	
PUSTB3	***PUSTB3-030116***	0.5 - 0.5	0.45 U	13330.4	3300 U	65,000	7.6E-05	1.7E-01	
E-SB-871	***E-SB-871-SB-0.0-0.5***	0 - 0.5			140 U	75,000	7.6E-05	4.8E-03	
	E-SB-871-SB-0.5-2.0	0.5 - 2			2.7 U	3,700 J	3.7E-06	9.2E-05	
E-SB-1546	***E-SB-1546-0-2-AVG***	0 - 2			2,800 U	68,500	7.4E-05	9.5E-02	
SB-501	***SB-501-0001***	0 - 1	5.8 U	4,477	7,600 U	58,000	7.4E-05	3.5E-01	
E-SB-1738	***E-SB-1738-0-1***	0 - 1			1,700 U	68,000	7.3E-05	2.4E-01	
	E-SB-1738-1-2	1 - 2			740 U	43,000	4.6E-05	8.4E-02	
E-SB-1666	***E-SB-1666-0-1***	0 - 1			1,700 U	69,000	7.3E-05	5.8E-02	
	E-SB-1666-1-2	1 - 2			15 U	90	1.2E-07	5.1E-04	
E-SB-1532	***E-SB-1532-0-2***	0 - 2		1,070	7,800 U	60,000	7.1E-05	2.7E-01	
E-SB-1189	***E-SB-1189-0-1***	0 - 1			2,900 U	64,000	6.9E-05	9.9E-02	
	E-SB-1189-1-2	1 - 2			570 U	29,000	3.0E-05	1.9E-02	
E-SB-1374	***E-SB-1374-0-2***	0 - 2			2,700 U	64,000	6.9E-05	9.2E-02	
SB-350	***SB-350-0001***	0 - 1			8,200 U	55,000	6.8E-05	2.8E-01	
SB-533	***SB-533-0001***	0 - 1			8,800 U	53,000	6.7E-05	3.0E-01	
E-SB-979	***E-SB-979-0-0.5***	0 - 0.5		8,275	3,700 U	55,000	6.5E-05	1.6E-01	
	E-SB-979-0.5-2	0.5 - 2		5.75965	20 U	32 J	6.4E-08	7.1E-04	
SB-534	***SB-534-0001***	0 - 1			9,700 U	49,000	6.5E-05	3.3E-01	
E-SB-1754	***E-SB-1754-0-2***	0 - 2			59,000	2,000 U	6.4E-05	4.0E+00	
E-SB-1183	***E-SB-1183-0-1***	0 - 1			1,400 U	60,000	6.3E-05	4.8E-02	
	E-SB-1183-1-2	1 - 2			28 U	590	6.4E-07	9.5E-04	
E-SB-976	***E-SB-976-0-0.5***	0 - 0.5		21,539	9,200 U	35,000	6.0E-05	5.1E-01	
	E-SB-976-0.5-2	0.5 - 2		250	19 U	210	3.6E-07	1.8E-03	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1198	***E-SB-1198-0-1***	0 - 1			650 U	56,000	5.8E-05	2.2E-02	Additional samples included with PCB concentrations greater than 25 mg/kg. Site 95% UCLs are 1,2,4-TCB (117 µg/kg), BaPEq (1,320 ug/kg), Aroclor 1254 (197 µg/kg), and Aroclor 1260 (1,460 µg/kg). The residual ILCR would be $3x10^{-6}$ and the residual cumulative HI would be 0.2.
	E-SB-1198-1-2	1 - 2			61 U	1,100	1.2E-06	2.1E-03	
E-SB-1149	***E-SB-1149-0-1***	0 - 1			1,100 U	55,000	5.7E-05	3.7E-02	
	E-SB-1149-1-2	1 - 2			5.5 U	170	1.8E-07	1.9E-04	
E-SB-1245	***E-SB-1245-0-1***	0 - 1			5,800 U	44,000 J	5.3E-05	2.0E-01	
	E-SB-1245-1-2	1 - 2			5.5 U	100	1.1E-07	1.9E-04	
E-SB-845	***E-SB-845-SS***	0 - 1			9,100 U	37,000	5.0E-05	3.1E-01	
E-SB-1626	***E-SB-1626-1-2***	1 - 2			1,600 U	46,000	5.0E-05	5.5E-02	
	E-SB-1626-0-1	0 - 1			630	21 U	6.8E-07	4.3E-02	
E-SB-839	***E-SB-839-SS***	0 - 1			5,300 U	41,000	4.9E-05	1.8E-01	
E-SB-957	***E-SB-957-0-0.5***	0 - 0.5		3,467	3,800 U	39,000	4.6E-05	1.5E-01	
	E-SB-957-0.5-2	0.5 - 2		35.0	190 U	2,200	2.5E-06	6.6E-03	
E-SB-1720	***E-SB-1720-0-1***	0 - 1			830 U	43,000	4.5E-05	2.8E-02	
E-SB-1748	***E-SB-1748-0-1***	0 - 1			820 U	43,000 J	4.5E-05	2.8E-02	
	E-SB-1748-1-2	1 - 2			25,000 J	410 U	2.6E-05	1.7E+00	
E-SB-1370	***E-SB-1370-0-2***	0 - 2			27,000	15,000	4.3E-05	1.8E+00	
E-SB-1749	***E-SB-1749-1-2***	1 - 2			39,000	730 U	4.1E-05	2.7E+00	
	E-SB-1749-0-1	0 - 1			9,300	220 U	9.9E-06	6.3E-01	
SB-348	***SB-348-0001***	0 - 1			4,200 U	34,000	4.1E-05	1.4E-01	
E-SB-1188	***E-SB-1188-0-1***	0 - 1			520 U	39,000	4.0E-05	1.8E-02	
	E-SB-1188-1-2	1 - 2			27 U	490	5.4E-07	9.2E-04	
E-SB-1630	***E-SB-1630-0-1***	0 - 1			320 U	38,000	3.9E-05	1.1E-02	
	E-SB-1630-1-2	1 - 2			320 U	22,000	2.3E-05	1.1E-02	
E-SB-114A	***E-SB-114A-0-0.5***	0 - 0.5	0.29 U	6,127	9,200 U	21,000	3.9E-05	4.1E-01	
	E-SB-114A-1-2	1 - 2	0.32 U	26.1	95 U	210	2.2E-06	5.4E-02	
E-SB-1743	***E-SB-1743-1-2***	1 - 2			35,000 J	980 U	3.8E-05	2.4E+00	
	E-SB-1743-0-1	0 - 1			310 U	26,000 J	2.7E-05	1.1E-02	
E-SB-1230	***E-SB-1230-0-1***	0 - 1			510 U	36,000 J	3.7E-05	1.7E-02	
	E-SB-1230-1-2	1 - 2			5.4 U	180	1.9E-07	1.8E-04	
E-SB-1147	***E-SB-1147-0-1***	0 - 1			1,100 U	35,000	3.7E-05	3.7E-02	
	E-SB-1147-1-2	1 - 2			5.5 U	92	1.0E-07	1.9E-04	
E-SB-977	***E-SB-977-0-0.5***	0 - 0.5		4,912	3,600 U	27,000	3.5E-05	1.5E-01	
	E-SB-977-0.5-2	0.5 - 2		4.50	19 U	19 U	3.9E-08	6.7E-04	
E-SB-1177	***E-SB-1177-0-1***	0 - 1			690 U	32,000	3.3E-05	2.4E-02	
	E-SB-1177-1-2	1 - 2			5.9 U	52	6.2E-08	2.0E-04	
SB-358	***SB-358-0001***	0 - 1			3,900 U	27,000	3.3E-05	1.3E-01	
SB-360	***SB-360-0001***	0 - 1			3,900 U	27,000	3.3E-05	1.3E-01	
SB-356	***SB-356-0001***	0 - 1			4,500 U	25,000	3.2E-05	1.5E-01	
E-SB-1452	***E-SB-1452-0-2-AVG***	0 - 2			1,650 U	28,000	3.0E-05	5.6E-02	
E-SB-833F	***E-SB-833F-02***	2 - 2	1,200	4 U	2,100 U	25,000	2.8E-05	7.7E-02	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1680	***E-SB-1680-0-1***	0 - 1			400 U	27,000	2.8E-05	1.4E-02	Additional samples included with PCB concentrations greater than 25 mg/kg. Site 95% UCLs are 1,2,4-TCB (117 µg/kg), BaPEq (1,320 ug/kg), Aroclor 1254 (197 µg/kg), and Aroclor 1260 (1,460 µg/kg). The residual ILCR would be $3x10^{-6}$ and the residual cumulative HI would be 0.2.
	E-SB-1680-1-2	1 - 2			17 U	79	1.1E-07	5.8E-04	
E-SB-841	***E-SB-841-SS***	0 - 1			1,800 U	25,000	2.8E-05	6.1E-02	
E-SB-1099	***E-SB-1099-0-1***	0 - 1			570 U	25,000	2.7E-05	1.9E-02	
	E-SB-1099-1-2	1 - 2			270 U	11,000	1.5E-05	9.2E-03	
E-SB-1722	***E-SB-1722-0-1***	0 - 1			310 U	25,000	2.6E-05	1.1E-02	
	E-SB-1722-1-2	1 - 2			300 U	15,000	1.6E-05	1.0E-02	
Samples with PCB Concentrations Less Than 25,000 µg/kg or 25 mg/kg and ILCRs < $1x10^{-4}$ and/or HIs < 100									
SB-349	SB-349-0001	0 - 1			4,400 U	24,000	3.1E-05	1.5E-01	
SB-363	SB-363-0001	0 - 1			4,400 U	24,000	3.1E-05	1.5E-01	
E-SB-956	E-SB-956-0-0.5	0 - 0.5		1,213	3,800 U	22,000	2.8E-05	1.4E-01	
	E-SB-956-0.5-2	0.5 - 2		29.1	20 U	130	1.7E-07	8.1E-04	
SB-351	SB-351-0001	0 - 1			4,100 U	21,000	2.8E-05	1.4E-01	
E-SB-1100	E-SB-1100-0-1	0 - 1			700 U	23,000	2.6E-05	2.4E-02	
	E-SB-1100-1-2	1 - 2			54 U	580	8.7E-07	1.8E-03	
E-SB-1101	E-SB-1101-0-1	0 - 1			560 U	24,000	2.5E-05	1.9E-02	
	E-SB-1101-1-2	1 - 2			57 U	2,100	2.6E-06	1.9E-03	
SB-539	SB-539-0001	0 - 1			4,300 U	18,000	2.5E-05	1.5E-01	
SB-352	SB-352-0001	0 - 1			2,800 U	19,000	2.4E-05	9.5E-02	
E-SB-1123	E-SB-1123-0-1	0 - 1			510 U	22,000	2.3E-05	1.7E-02	
	E-SB-1123-1-2	1 - 2			27 U	440	4.9E-07	9.2E-04	
E-SB-1448	E-SB-1448-0-2	0 - 2			20,000	1100 U	2.2E-05	1.4E+00	
E-SB-1194	E-SB-1194-0-1	0 - 1			500 U	21,000	2.2E-05	1.7E-02	
	E-SB-1194-1-2	1 - 2			5.5 U	230	2.4E-07	1.9E-04	
E-SB-1179	E-SB-1179-0-1	0 - 1			580 U	20,000	2.1E-05	2.0E-02	
	E-SB-1179-1-2	1 - 2			5.2 U	27 J	3.5E-08	1.8E-04	
E-SB-1244	E-SB-1244-0-1	0 - 1			570 U	20,000 J	2.1E-05	1.9E-02	
	E-SB-1244-1-2-AVG	1 - 2			43.5 U	1,400	1.5E-06	1.5E-03	
E-SB-113A	E-SB-113A-0-0.5	0 - 0.5	0.32 U	4,501	3,600 U	12,000	2.1E-05	1.9E-01	
	E-SB-113A-1-2	1 - 2	0.33 J	0.74 U	20 U	73	1.3E-06	3.1E-02	
E-SB-1633	E-SB-1633-0-1	0 - 1			19,000	420 U	2.0E-05	1.3E+00	
	E-SB-1633-1-2	1 - 2			7,700	200 U	8.2E-06	5.2E-01	
E-SB-1451	E-SB-1451-0-2	0 - 2			1,700 U	16,000	1.8E-05	5.8E-02	
E-SB-1239	E-SB-1239-0-1	0 - 1			330 U	17,000	1.8E-05	1.1E-02	
	E-SB-1239-1-2	1 - 2			57 U	1,300	1.4E-06	1.9E-03	
E-SB-1373	E-SB-1373-0-2	0 - 2			280 U	17,000	1.8E-05	9.5E-03	
PUSTB2	PUSTB2-030116	1.5 - 1.5	0.42 U	6742.5	800 U	13,000	2E-05	6E-02	
E-SB-865	E-SB-865-SB-0.0-0.5	0 - 0.5			27 U	17,000 K	1.7E-05	9.2E-04	
	E-SB-865-SB-0.5-2.0	0.5 - 2			1.3 U	930 J	9.4E-07	4.4E-05	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-958	E-SB-958-0.5-2	0.5 - 2		38.4	1,800 U	22,000	2.5E-05	6.2E-02	
	E-SB-958-0-0.5	0 - 0.5		46.5	1,200 U	15,000	1.7E-05	4.1E-02	
E-SB-1184	E-SB-1184-0-1	0 - 1			270 U	16,000	1.7E-05	9.2E-03	
	E-SB-1184-1-2	1 - 2			54 U	1,100	1.2E-06	1.8E-03	
E-SB-1238	E-SB-1238-0-1	0 - 1			270 U	16,000	1.7E-05	9.2E-03	
	E-SB-1238-1-2	1 - 2			55 U	1,400	1.5E-06	1.9E-03	
SB-357	SB-357-0001	0 - 1			2,100 U	12,000	1.5E-05	7.2E-02	
SB-364	SB-364-0001	0 - 1			2,100 U	12,000	1.5E-05	7.2E-02	
E-SB-1450	E-SB-1450-0-2	0 - 2			820 U	14,000	1.5E-05	2.8E-02	
E-SB-1176	E-SB-1176-0-1	0 - 1			570 U	14,000	1.5E-05	1.9E-02	
	E-SB-1176-1-2	1 - 2			5.4 U	46	5.5E-08	1.8E-04	
E-SB-1218	E-SB-1218-0-1	0 - 1			520 U	14,000	1.5E-05	1.8E-02	
	E-SB-1218-1-2-AVG	1 - 2			5.2 U	151.5	1.6E-07	1.8E-04	
SB-537	SB-537-0001	0 - 1			2,500 U	10,000	1.4E-05	8.5E-02	
E-SB-1632	E-SB-1632-0-1	0 - 1			380 U	12,000	1.3E-05	1.3E-02	
	E-SB-1632-1-2	1 - 2			160 U	7,600	8.0E-06	5.5E-03	
E-SB-1742	E-SB-1742-0-1	0 - 1			12,000 J	220 U	1.3E-05	8.2E-01	
	E-SB-1742-1-2	1 - 2			30 U	2,000 J	2.1E-06	1.0E-03	
E-SB-1745	E-SB-1745-1-2	1 - 2			12,000 J	200 U	1.3E-05	8.2E-01	
	E-SB-1745-0-1	0 - 1			3,700 J	100 U	4.0E-06	2.5E-01	
E-SB-1603	E-SB-1603-0-1	0 - 1			170 U	12,000	1.2E-05	5.8E-03	
	E-SB-1603-1-2	1 - 2			16 U	810	8.5E-07	5.5E-04	
E-SB-1223	E-SB-1223-0-1	0 - 1			100 U	12,000	1.2E-05	3.4E-03	
	E-SB-1223-1-2	1 - 2			54 U	2,300	2.4E-06	1.8E-03	
E-SB-1454	E-SB-1454-0-2-AVG	0 - 2			11,150 J	365 U	1.2E-05	7.6E-01	
E-SB-1154	E-SB-1154-0-1	0 - 1			530 U	11,000	1.2E-05	1.8E-02	
	E-SB-1154-1-2	1 - 2			5.3 U	190 J	2.0E-07	1.8E-04	
SB-546A	SB-546A-SS[SJ]	0 - 0			18 U	66	9.5E-08	6.1E-04	
	SB-546A-SS0-0.5	0 - 0.5			920 U	9,600	1.1E-05	3.1E-02	
	SB-546A-SS0.5-1	0.5 - 1			20 U	140	1.7E-07	6.8E-04	
E-SB-1104	E-SB-1104-0-1	0 - 1			18 U	11,000	1.1E-05	6.1E-04	
	E-SB-1104-1-2	1 - 2			28 U	320	3.7E-07	9.5E-04	
E-SB-1528	E-SB-1528-0-1	0 - 1		12,486	350 U	4,200	1.1E-05	6.9E-02	
	E-SB-1528-1-2	1 - 2		901	17 U	66	5.2E-07	4.7E-03	
E-SB-1371	E-SB-1371-0-2	0 - 2			250 U	10,000	1.0E-05	8.5E-03	
E-SB-1699	E-SB-1699-0-1	0 - 1			360 U	9,700	1.0E-05	1.2E-02	
	E-SB-1699-1-2	1 - 2			17 U	21 U	4.2E-08	5.8E-04	
SB-347	SB-347-0001	0 - 1			2,100 U	7,100	1.0E-05	7.2E-02	
E-SB-1496	E-SB-1496-0-2	0 - 2		8,806	320 U	5,600	1.0E-05	5.1E-02	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1195	E-SB-1195-0-1	0 - 1			100 U	9,500	9.7E-06	3.4E-03	
	E-SB-1195-1-2	1 - 2			26 U	200	2.4E-07	8.9E-04	
E-SB-1112	E-SB-1112-0-1-AVG	0 - 1			175 U	9,300	9.7E-06	6.0E-03	
	E-SB-1112-1-2	1 - 2			27 U	580	6.3E-07	9.2E-04	
SB-854	E-SB-854-0-4	0 - 2.5			27 U	9,100	9.2E-06	9.2E-04	
E-SB-1489	E-SB-1489-0-0.5	0 - 0.5		18,869			9.1E-06	8.9E-02	
	E-SB-1489-0.5-1	0.5 - 1		464			2.2E-07	2.1E-03	
SB-535	SB-535-0001	0 - 1			1,900 U	6,000	9.0E-06	6.5E-02	
E-SB-955	E-SB-955-0-0.5	0 - 0.5		755	930 U	7,100	8.9E-06	3.5E-02	
	E-SB-955-0.5-2	0.5 - 2		76.2	90 U	540	7.1E-07	3.4E-03	
E-SB-1052	E-SB-1052-0-1	0 - 1			560 U	7,700	8.6E-06	1.9E-02	
	E-SB-1052-1-2	1 - 2			5.9 U	56	6.6E-08	2.0E-04	
E-SB-1675	E-SB-1675-1-2	1 - 2			150 U	8,100	8.5E-06	5.1E-03	
	E-SB-1675-0-1	0 - 1			75 U	4,600	4.8E-06	2.6E-03	
E-SB-1124	E-SB-1124-0-1	0 - 1			110 U	8,100	8.3E-06	3.7E-03	
	E-SB-1124-1-2	1 - 2			54 U	1,400	1.5E-06	1.8E-03	
E-SB-1723	E-SB-1723-0-1	0 - 1			160 U	7,900	8.3E-06	5.5E-03	
E-SB-1455	E-SB-1455-0-2	0 - 2			7,700	200 U	8.2E-06	5.2E-01	
E-SB-1204	E-SB-1204-0-1	0 - 1			17 U	8,000	8.1E-06	5.8E-04	
	E-SB-1204-1-2	1 - 2			5.3 U	23 J	3.1E-08	1.8E-04	
E-SB-867	E-SB-867-SB-0.0-0.5	0 - 0.5			15 U	7,700 L	7.8E-06	5.1E-04	
	E-SB-867-SB-0.5-2.0-AVG	0.5 - 2			2.55 U	285	2.9E-07	8.7E-05	
E-SB-1629	E-SB-1629-0-1	0 - 1			160 U	7,100	7.5E-06	5.5E-03	
	E-SB-1629-1-2	1 - 2			15 U	36 J	6.6E-08	5.1E-04	
E-SB-1662	E-SB-1662-0-1	0 - 1			160 U	6,600 J	7.0E-06	5.5E-03	
	E-SB-1662-1-2	1 - 2			16 U	300 J	3.3E-07	5.5E-04	
E-SB-1225	E-SB-1225-0-1	0 - 1			100 U	6,700	6.9E-06	3.4E-03	
	E-SB-1225-1-2	1 - 2			5.3 U	65	7.4E-08	1.8E-04	
E-SB-1628	E-SB-1628-1-2	1 - 2			160 U	6,500	6.9E-06	5.5E-03	
	E-SB-1628-0-1	0 - 1			80 U	4,100	4.3E-06	2.7E-03	
E-SB-1253	E-SB-1253-0-0.5	0 - 0.5		14,341			6.8E-06	6.4E-02	
	E-SB-1253-0.5-1	0.5 - 1		434			2.1E-07	1.9E-03	
E-SB-1522	E-SB-1522-0-1	0 - 1		7,909	160 U	2,500	6.5E-06	4.1E-02	
	E-SB-1522-1-2	1 - 2		218	16 U	10 U	1.3E-07	1.5E-03	
E-SB-1181	E-SB-1181-0-1	0 - 1			120 U	6,100	6.3E-06	4.1E-03	
	E-SB-1181-1-2	1 - 2			11 U	140	1.6E-07	3.7E-04	
E-SB-1190	E-SB-1190-1-2	1 - 2			110 U	6,100	6.3E-06	3.7E-03	
	E-SB-1190-0-1	0 - 1			55 U	3,100	3.2E-06	1.9E-03	
E-SB-1254	E-SB-1254-0-0.5	0 - 0.5		13,264			6.3E-06	6.0E-02	
	E-SB-1254-0.5-1	0.5 - 1		639			3.1E-07	3.0E-03	
SB-362	SB-362-0001	0 - 1			800 U	5,000	6.3E-06	2.7E-02	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1199	E-SB-1199-1-2	1 - 2			110 U	6,000	6.2E-06	3.7E-03	
	E-SB-1199-0-1	0 - 1			110 U	3,700	3.9E-06	3.7E-03	
SB-538	SB-538-0001	0 - 1			880 U	4,500	5.9E-06	3.0E-02	
E-SB-1681	E-SB-1681-0-1	0 - 1			170 U	5,400	5.8E-06	5.8E-03	
	E-SB-1681-1-2	1 - 2			33 U	1,500	1.6E-06	1.1E-03	
E-SB-1221	E-SB-1221-0-1	0 - 1			16 U	5,700	5.8E-06	5.5E-04	
	E-SB-1221-1-2	1 - 2			53 U	600	6.9E-07	1.8E-03	
E-SB-1110	E-SB-1110-0-1	0 - 1			56 U	5,600	5.7E-06	1.9E-03	
	E-SB-1110-1-2	1 - 2			5.7 U	170	1.8E-07	1.9E-04	
E-SB-1205	E-SB-1205-0-1	0 - 1			100 U	5,400	5.6E-06	3.4E-03	
	E-SB-1205-1-2	1 - 2			29 U	630	6.8E-07	9.9E-04	
E-SB-1493	E-SB-1493-0-0.5	0 - 0.5		11,688			5.6E-06	5.3E-02	
	E-SB-1493-0-1	0 - 1			16 U	11 J	3.1E-08	5.5E-04	
	E-SB-1493-1-2	1 - 2		0.76 U	16 U	10 U	2.5E-08	5.5E-04	
	E-SB-1493-0.5-1	0.5 - 1		10.3			4.9E-09	4.7E-05	
E-SB-1665	E-SB-1665-0-1	0 - 1			95 U	5,300	5.5E-06	3.2E-03	
	E-SB-1665-1-2	1 - 2			16 U	98	1.3E-07	5.5E-04	
E-SB-1661	E-SB-1661-0-1	0 - 1			180 U	5100 J	5.5E-06	6.1E-03	
	E-SB-1661-1-2	1 - 2			16 U	27 J	5.7E-08	5.5E-04	
E-SB-1495	E-SB-1495-0-2	0 - 2		1.9 U	330 U	5,000	5.5E-06	1.1E-02	
SB-503	SB-503-0001-AVG	0 - 1	3.75 U	5,944	216.5 U	910	5.4E-06	1.5E-01	
E-SB-1155	E-SB-1155-0-1	0 - 1			110 U	5,200	5.4E-06	3.7E-03	
	E-SB-1155-1-2	1 - 2			5.4 U	51	6.0E-08	1.8E-04	
E-SB-1224	E-SB-1224-0-1	0 - 1			100 U	5,100	5.3E-06	3.4E-03	
	E-SB-1224-1-2	1 - 2			5.5 U	45	5.4E-08	1.9E-04	
SB-502	SB-502-0001	0 - 1	3.1 B	5,574	390 U	1,200	5.3E-06	7.1E-02	
E-SB-1065	E-SB-1065-0-1	0 - 1			290 U	4,800	5.3E-06	9.9E-03	
	E-SB-1065-1-2	1 - 2			58 U	730	8.3E-07	2.0E-03	
E-SB-1631	E-SB-1631-1-2	1 - 2			80 U	4,800	5.0E-06	2.7E-03	
	E-SB-1631-0-1	0 - 1			78 U	2,900	3.1E-06	2.7E-03	
E-SB-1255	E-SB-1255-0-0.5	0 - 0.5		10,303			4.9E-06	4.8E-02	
	E-SB-1255-0.5-1	0.5 - 1		3,417			1.6E-06	1.5E-02	
E-SB-1142	E-SB-1142-0-1	0 - 1			120 U	4,700	4.9E-06	4.1E-03	
	E-SB-1142-1-2	1 - 2			5.3 U	46	5.5E-08	1.8E-04	
SB-359	SB-359-0001	0 - 1			750 U	3,700	4.9E-06	2.6E-02	
E-SB-1219	E-SB-1219-0-1	0 - 1			100 U	4,700	4.9E-06	3.4E-03	
	E-SB-1219-1-2	1 - 2			5.4 U	180	1.9E-07	1.8E-04	
E-SB-1197	E-SB-1197-0-1	0 - 1			99 U	4,600	4.8E-06	3.4E-03	
	E-SB-1197-1-2-AVG	1 - 2			15.6 U	475	5.0E-07	5.3E-04	
E-SB-1186	E-SB-1186-0-1	0 - 1			53 U	4,600	4.7E-06	1.8E-03	
	E-SB-1186-1-2	1 - 2			56 U	1,700	1.8E-06	1.9E-03	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1105	E-SB-1105-1-2	1 - 2			110 U	4,300	4.5E-06	3.7E-03	
	E-SB-1105-0-1	0 - 1			53 U	2,500	2.6E-06	1.8E-03	
E-SB-1251	E-SB-1251-0-1	0 - 1			53 U	4,300	4.4E-06	1.8E-03	
	E-SB-1251-1-2	1 - 2			5.5 U	54	6.3E-08	1.9E-04	
E-SB-1751	E-SB-1751-0-2	0 - 2			3,900	100 U	4.2E-06	2.7E-01	
E-SB-1648	E-SB-1648-0-1	0 - 1		8,098			3.9E-06	3.7E-02	
	E-SB-1648-1-2	1 - 2		12.335			5.9E-09	5.6E-05	
E-SB-1106	E-SB-1106-0-1	0 - 1			54 U	3,600	3.7E-06	1.8E-03	
	E-SB-1106-1-2	1 - 2			55 U	1,300	1.4E-06	1.9E-03	
SB-510	SB-510-0001	0 - 1	5.6 U	216	37 U	31 J	3.6E-06	6.4E-02	
E-SB-973	E-SB-973-0-0.5	0 - 0.5		4,275	180 U	1,300	3.6E-06	2.5E-02	
	E-SB-973-0.5-2	0.5 - 2		175	20 U	22 J	1.3E-07	1.5E-03	
E-SB-1684	E-SB-1684-0-1	0 - 1			98 U	3,300	3.5E-06	3.3E-03	
	E-SB-1684-1-2	1 - 2			16 U	110	1.4E-07	5.5E-04	
E-SB-1687	E-SB-1687-0-1	0 - 1			91 U	3,300	3.5E-06	3.1E-03	
	E-SB-1687-1-2	1 - 2			16 U	21 U	4.1E-08	5.5E-04	
E-SB-1246	E-SB-1246-0-1	0 - 1			57 U	3,300	3.4E-06	1.9E-03	
	E-SB-1246-1-2-AVG	1 - 2			5.45 U	175	1.8E-07	1.9E-04	
E-SB-1248	E-SB-1248-0-1	0 - 1			55 U	3,300	3.4E-06	1.9E-03	
	E-SB-1248-1-2	1 - 2			4.8 U	120	1.3E-07	1.6E-04	
E-SB-985	E-SS-985-0-0.5	0 - 0.5			180 U	3,000	3.3E-06	6.1E-03	
	E-SB-985-0.5-2	0.5 - 2			95 U	240	3.8E-07	3.2E-03	
E-SB-833J	E-SB-833J-02	2 - 2	260	3.9 U	200 U	3,000	3.3E-06	8.1E-03	
E-SB-1503	E-SB-1503-0-2	0 - 2		0.76 U	820 U	2,200	3.2E-06	2.8E-02	
E-SB-1683	E-SB-1683-0-1	0 - 1			86 U	3,000	3.2E-06	2.9E-03	
	E-SB-1683-1-2	1 - 2			16 U	20 U	4.0E-08	5.5E-04	
E-SB-1526	E-SB-1526-0-1	0 - 1		1,120	340 U	2,200	3.2E-06	1.7E-02	
	E-SB-1526-1-2-AVG	1 - 2		0.859	17 U	11 U	4.4E-10	4.7E-06	
E-SB-1479	E-SB-1479-0-0.5	0 - 0.5		6,593			3.1E-06	3.0E-02	
	E-SB-1479-0.5-1	0.5 - 1		503			2.4E-07	2.3E-03	
	E-SB-1479-1-2	1 - 2		0.78 U			2.1E-10	2.6E-06	
E-SB-1518	E-SB-1518-0-1	0 - 1		6,423	16 U	48 J	3.1E-06	2.9E-02	
	E-SB-1518-1-2	1 - 2		54.665	16 U	10 U	5.1E-08	8.0E-04	
E-SB-894	E-SB-894-0-2	0 - 2		32.779	190 U	2,800	3.1E-06	6.6E-03	
E-SB-1152	E-SB-1152-0-1	0 - 1			58 U	3,000	3.1E-06	2.0E-03	
	E-SB-1152-1-2	1 - 2			5.4 U	45	5.4E-08	1.8E-04	
E-SB-1252	E-SB-1252-0.5-1	0.5 - 1		6,478			3.1E-06	2.9E-02	
	E-SB-1252-0-0.5	0 - 0.5		2,664			1.3E-06	1.2E-02	
E-SB-1678	E-SB-1678-0-1	0 - 1			82 U	2,900	3.1E-06	2.8E-03	
	E-SB-1678-1-2	1 - 2			17 U	420	4.6E-07	5.8E-04	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1697	E-SB-1697-0-1	0 - 1			82 U	2,800	3.0E-06	2.8E-03	
	E-SB-1697-1-2	1 - 2			17 U	22 U	4.3E-08	5.8E-04	
E-SB-1482	E-SB-1482-0-0.5	0 - 0.5		6,200			3.0E-06	2.8E-02	
	E-SB-1482-0.5-1	0.5 - 1		2,272			1.1E-06	1.0E-02	
	E-SB-1482-1-2	1 - 2		1.48			7.3E-10	7.4E-06	
E-SB-1222	E-SB-1222-0-1	0 - 1			53 U	2,800	2.9E-06	1.8E-03	
	E-SB-1222-1-2	1 - 2			600	24 U	6.6E-07	4.1E-02	
E-SB-1716	E-SB-1716-0-1	0 - 1			81 U	2,700	2.9E-06	2.8E-03	
	E-SB-1716-1-2	1 - 2			16 U	21 U	4.1E-08	5.5E-04	
E-SB-1486	E-SB-1486-0-0.5	0 - 0.5		5,987			2.8E-06	2.7E-02	
	E-SB-1486-0.5-1	0.5 - 1		991			4.7E-07	4.4E-03	
SB-532	SB-532-0001	0 - 1			430 U	2,100	2.8E-06	1.5E-02	
E-SB-1206	E-SB-1206-0-1	0 - 1			50 U	2,600	2.7E-06	1.7E-03	
	E-SB-1206-1-2-AVG	1 - 2			5.35 U	23	3.1E-08	1.8E-04	
E-SB-1182	E-SB-1182-0-1	0 - 1			58 U	2,500	2.6E-06	2.0E-03	
	E-SB-1182-1-2	1 - 2			5.4 U	5.2 J	1.3E-08	1.8E-04	
E-SB-844	E-SB-844-SS	0 - 1			190 U	2,300	2.6E-06	6.5E-03	
E-SB-1686	E-SB-1686-0-1	0 - 1			77 U	2400 J	2.6E-06	2.6E-03	
	E-SB-1686-1-2	1 - 2			17 U	22 U	4.4E-08	5.8E-04	
SB-003A	SB-3A-SS	0 - 0	5 U	3600 U	270 U	350	2.5E-06	2.1E-01	
E-SB-1446	E-SB-1446-0-2	0 - 2		4,521	18 U	330	2.5E-06	2.1E-02	
E-SB-1178	E-SB-1178-0-1	0 - 1			19 U	2,400	2.4E-06	6.5E-04	
	E-SB-1178-1-2	1 - 2			5.3 U	8.3 J	1.6E-08	1.8E-04	
SB-540	SB-540-0001	0 - 1			400 U	1,800	2.4E-06	1.4E-02	
E-SB-1487	E-SB-1487-0.5-1	0.5 - 1		5,148			2.4E-06	2.3E-02	
	E-SB-1487-0-0.5	0 - 0.5		2,358			1.1E-06	1.1E-02	
SB-346	SB-346-0001	0 - 1			390 U	1,700	2.3E-06	1.3E-02	
SB-833B	E-SB-833B-02	2 - 2	140 J	4 U	410 U	1,700	2.3E-06	1.5E-02	
E-SB-964	S-SB-964-0-0.5	0 - 0.5		3,154	87 U	650	2.3E-06	1.7E-02	
E-SB-986	E-SS-986-0-0.5	0 - 0.5			180 U	2,000	2.3E-06	6.1E-03	
	E-SB-986-0.5-2	0.5 - 2			99 U	410	5.6E-07	3.4E-03	
E-SB-1593	E-SB-1593-0-1	0 - 1			79 U	2100 J	2.3E-06	2.7E-03	
	E-SB-1593-1-2	1 - 2			15 U	97 J	1.3E-07	5.1E-04	
E-SB-1024	E-SB-1024-02	2 - 2	0.24 U	887	190 U	1,500	2.2E-06	1.3E-02	
E-SB-1537	E-SB-1537-0-2	0 - 2			77 U	2000 J	2.2E-06	2.6E-03	
E-SB-1520	E-SB-1520-0-1	0 - 1		2,957	87 U	640	2.2E-06	1.6E-02	
	E-SB-1520-1-2-AVG	1 - 2		15.8	16 U	12.5 J	3.9E-08	6.2E-04	
E-VS-08	E-VS-8-081913	0 - 1.5	0.28 U	32.3	1,800	190 U	2.1E-06	1.2E-01	
E-SB-1220	E-SB-1220-0-1	0 - 1			53 U	2,000	2.1E-06	1.8E-03	
	E-SB-1220-1-2	1 - 2			5.4 U	93	1.0E-07	1.8E-04	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1521	E-SB-1521-1-2	1 - 2		4,282	17 U	29 J	2.1E-06	2.0E-02	
	E-SB-1521-0-1	0 - 1		2,056	83 U	510	1.6E-06	1.2E-02	
SB-504	SB-504-0001	0 - 1	5.5 U	306	180 U	1,200	2.1E-06	1.1E-01	
E-SB-1524	E-SB-1524-0-1	0 - 1		674	170 U	1,500	2.0E-06	8.8E-03	
	E-SB-1524-1-2	1 - 2		0.73 U	16 U	27 J	4.7E-08	5.5E-04	
E-SB-893	E-SB-893-0-2	0 - 2		134	180 U	1,600	1.9E-06	6.7E-03	
SB-866	E-SB-866-SB-0.0-0.5	0 - 0.5			2.9 U	1,900	1.9E-06	9.9E-05	
SB-558	SB-558-SS0-0.5	0 - 0.5			196 U	1,600	1.9E-06	6.7E-03	
	SB-558-2	2 - 2			51	19 U	8.2E-08	3.5E-03	
	SB-558-SS0.5-1	0.5 - 1			19 U	19 U	3.9E-08	6.5E-04	
E-SB-1146	E-SB-1146-0-1	0 - 1			55 U	1,800	1.9E-06	1.9E-03	
	E-SB-1146-1-2	1 - 2			28 U	460	5.1E-07	9.5E-04	
E-SB-1485	E-SB-1485-0-0.5	0 - 0.5		3,790			1.8E-06	1.7E-02	
	E-SB-1485-0.5-1-AVG	0.5 - 1		3,099			1.5E-06	1.4E-02	
E-SB-1232	E-SB-1232-0-1	0 - 1			58 U	1,700	1.8E-06	2.0E-03	
	E-SB-1232-1-2	1 - 2			5.6 U	130	1.4E-07	1.9E-04	
E-SB-1643	E-SB-1643-0-1	0 - 1		2,448			1.7E-06	2.6E-02	
	E-SB-1643-1-2	1 - 2		1,729			1.2E-06	2.0E-02	
SB-005A	SB-5A-SS	0 - 0	6 U	380 U	280 U	280 U	1.6E-06	2.1E-01	
E-SB-1527	E-SB-1527-0-1	0 - 1		1,291	83 U	910	1.6E-06	8.7E-03	
	E-SB-1527-1-2	1 - 2		0.74 U	16 U	10 U	2.5E-08	5.5E-04	
E-SB-863	E-SB-863-SB-0.0-0.5	0 - 0.5			1.4 U	1600 J	1.6E-06	4.8E-05	
	E-SB-863-SB-0.5-2.0	0.5 - 2			1.3 U	580 J	5.9E-07	4.4E-05	
SB-833M	E-SB-833M-02	2 - 2	47 J	3.9 U	200 U	1,300	1.6E-06	7.0E-03	
E-SB-1490	E-SB-1490-0.5-1	0.5 - 1		3,173			1.5E-06	1.4E-02	
	E-SB-1490-0-0.5	0 - 0.5		1,046			5.0E-07	4.7E-03	
	E-SB-1490-1-2	1 - 2		186			8.8E-08	8.3E-04	
SB-006A	SB-6A-SS	0 - 0	6 UJ	390 U	290 U	290 U	1.5E-06	2.2E-01	
E-SB-972	E-SB-972-0-0.5	0 - 0.5		1,133	140 U	720	1.5E-06	9.9E-03	
	E-SB-972-0.5-2	0.5 - 2		16.5	19 U	19 U	4.5E-08	7.2E-04	
E-SB-1094	E-SB-1094-0-1	0 - 1			28 U	1,400	1.5E-06	9.5E-04	
	E-SB-1094-1-2-AVG	1 - 2			28 U	990	1.0E-06	9.5E-04	
SB-001A	SB-1A-SS	0 - 0	6 U	380 U	280 U	280 U	1.4E-06	1.2E-01	
SB-36	SB-36-SS	0 - 0	6 U	390 U	290 U	290 U	1.4E-06	2.2E-01	
E-SB-1492	E-SB-1492-0-0.5	0 - 0.5		2,943			1.4E-06	1.3E-02	
	E-SB-1492-0.5-1	0.5 - 1		1,251			5.9E-07	5.6E-03	
	E-SB-1492-1-2	1 - 2		153			7.3E-08	6.9E-04	
SB-515	SB-515-0001	0 - 1	5.9 U	948	39 U	290	1.4E-06	5.7E-02	
E-SB-1054	E-SB-1054-0-1	0 - 1	170 U	75.12	5.6 U	4.8 U	1.4E-06	8.1E-02	
	E-SB-1054-1-2	1 - 2			5.8 U	4.9 U	1.1E-08	2.0E-04	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
SB-566	SB-566-SS0-0.5	0 - 0.5			92 U	1,200	1.4E-06	3.1E-03	
	SB-566-2	2 - 2			19 U	19 U	3.9E-08	6.5E-04	
	SB-566-SS0.5-1	0.5 - 1			18 U	11 J	3.9E-08	6.1E-04	
E-SB-1551	E-SB-1551-0-2	0 - 2			16 U	1,300	1.3E-06	5.5E-04	
SB-002A	SB-2A-01	1 - 1	6 U	390 U	290 U	290 U	1.2E-06	2.2E-01	
SB-508	SB-508-0001	0 - 1	5.8 U	380 U	38 U	15 J	1.2E-06	1.2E-01	
SB-543A	SB-543A-SS[SJ]	0 - 0			180 U	940	1.2E-06	6.1E-03	
	SB-543A-SS0-0.5	0 - 0.5			20 U	91	1.2E-07	6.8E-04	
	SB-543A-SS0.5-1	0.5 - 1			19 U	77	1.1E-07	6.5E-04	
	SB-543A-2	2 - 2			20 U	20 U	4.1E-08	6.8E-04	
E-SB-835	E-SB-835-SS	0 - 1			200 U	910	1.2E-06	6.8E-03	
SB-513	SB-513-0001	0 - 1	5.8 U	433	39 U	84	1.2E-06	5.3E-02	
E-SB-1145	E-SB-1145-0-1	0 - 1			53 U	1,100	1.2E-06	1.8E-03	
	E-SB-1145-1-2	1 - 2			5.5 U	24 J	3.3E-08	1.9E-04	
	E-SB-1746-0-1	0 - 1			1100 J	20 U	1.2E-06	7.5E-02	
	E-SB-1746-1-2	1 - 2			250 J	20 U	2.9E-07	1.7E-02	
SB-518	SB-518-0001	0 - 1	6 U	400 U	40 U	40 U	1.2E-06	7.8E-02	
SB-565	SB-565-2	2 - 2			97 U	1,000	1.2E-06	3.3E-03	
	SB-565-SS0.5-1	0.5 - 1			20 U	340	3.7E-07	6.8E-04	
	SB-565-SS0-0.5	0 - 0.5			19 U	210	2.4E-07	6.5E-04	
SB-234	SB-234-SS	0 - 0			37 U	1,070	1.1E-06	1.3E-03	
	SB-234-01	1 - 1			39 U	8.5 J	7.0E-08	1.3E-03	
SB-507	SB-507-0001	0 - 1	5.8 U	229	38 U	38 U	1.1E-06	9.2E-02	
SB-35	SB-35-SS	0 - 0	6 U	380 U	280 U	280 U	1.1E-06	2.0E-01	
E-SB-1281	E-SB-1281-0-1	0 - 1		1,970	5.1 U	120	1.1E-06	9.0E-03	
	E-SB-1281-1-2	1 - 2		780	5.2 U	120	5.0E-07	3.7E-03	
SB-519	SB-519-0001	0 - 1	5.9 U	432	39 U	39 U	1.1E-06	5.7E-02	
E-SB-1473	E-SB-1473-0-2	0 - 2			83 U	930	1.0E-06	2.8E-03	
E-SB-1032	E-SB-1032-02	2 - 2	6.4 U	24.4	19 U	170	1.0E-06	2.7E-01	
E-SB-1602	E-SB-1602-0-1	0 - 1			16 U	990	1.0E-06	5.5E-04	
	E-SB-1602-1-2	1 - 2			16 U	130	1.6E-07	5.5E-04	
SB-500	SB-500-0001	0 - 1	0.76 B	542	37 U	47	1.0E-06	4.5E-02	
SB-514	SB-514-0001	0 - 1	5.8 U	380 U	38 U	38 U	1.0E-06	1.0E-01	
E-SB-1682	E-SB-1682-0-1	0 - 1			35 U	920	1.0E-06	1.2E-03	
	E-SB-1682-1-2	1 - 2			16 U	25 J	5.5E-08	5.5E-04	
E-SB-959	E-SB-959-0-0.5	0 - 0.5		236	90 U	740	9.9E-07	4.1E-03	
	E-SB-959-0.5-2	0.5 - 2		3.5 U	18 U	29 J	5.6E-08	6.2E-04	
SB-853	E-SB-853-0-4	0 - 2.5			1.3 U	970	9.8E-07	4.4E-05	
EMANA	EMANA-030316	1.5 - 1.5	0.44 U	1010.74	86 U	380	1E-06	8E-03	
E-SB-1116	E-SB-1116-0-1	0 - 1			27 U	910	9.6E-07	9.2E-04	
	E-SB-1116-1-2	1 - 2			5.6 U	7.5 J	1.6E-08	1.9E-04	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-900	E-SB-900-0-2	0 - 2		31.6	95 U	790	9.5E-07	3.4E-03	
E-SB-1693	E-SB-1693-0-1	0 - 1			16 U	910	9.5E-07	5.5E-04	
	E-SB-1693-1-2	1 - 2			15 U	25 J	5.4E-08	5.1E-04	
E-SB-1169	E-SB-1169-0-1	0 - 1			55 U	850	9.4E-07	1.9E-03	
	E-SB-1169-1-2	1 - 2			5.4 U	7.2 J	1.6E-08	1.8E-04	
SB-512	SB-512-0001	0 - 1	5.6 U	211	37 U	30 J	9.4E-07	4.7E-02	
SB-506	SB-506-0001-AVG	0 - 1	5.75 U	380 U	38 U	11.5	9.4E-07	4.8E-02	
SB-516	SB-516-0001	0 - 1	6 U	392	39 U	39 U	8.4E-07	5.5E-02	
E-SB-832	E-SB-832-SS	0 - 1			91 U	690	8.3E-07	3.1E-03	
SB-509	SB-509-0001	0 - 1	5.8 U	380 U	38 U	38 U	8.1E-07	4.1E-02	
E-SB-1491	E-SB-1491-0-0.5	0 - 0.5		1,686			8.0E-07	7.6E-03	
	E-SB-1491-0.5-1	0.5 - 1		1,062			5.1E-07	4.8E-03	
	E-SB-1491-0-1	0 - 1			17 U	78	9.9E-08	5.8E-04	
	E-SB-1491-1-2-AVG	1 - 2		104	16 U	10.5 U	7.5E-08	1.0E-03	
E-SB-1119	E-SB-1119-0-1	0 - 1			27 U	750	8.0E-07	9.2E-04	
	E-SB-1119-1-2	1 - 2			28 U	330	3.8E-07	9.5E-04	
E-SB-1249	E-SB-1249-0-1	0 - 1			28 U	740	7.9E-07	9.5E-04	
	E-SB-1249-1-2	1 - 2			5.3 U	96	1.0E-07	1.8E-04	
E-SB-1676	E-SB-1676-0-1	0 - 1			15 U	740	7.8E-07	5.1E-04	
	E-SB-1676-1-2	1 - 2			16 U	34 J	6.4E-08	5.5E-04	
E-SB-1247	E-SB-1247-0-1	0 - 1			12 U	730	7.6E-07	4.1E-04	
	E-SB-1247-1-2	1 - 2			5.4 U	29 J	3.8E-08	1.8E-04	
SB-517	SB-517-0001	0 - 1	5.7 U	205	37 U	37 U	7.5E-07	6.0E-02	
E-SB-1685	E-SB-1685-0-1	0 - 1			17 U	700	7.4E-07	5.8E-04	
	E-SB-1685-1-2	1 - 2			15 U	20 U	3.9E-08	5.1E-04	
E-SB-1141	E-SB-1141-0-1	0 - 1			27 U	690	7.4E-07	9.2E-04	
	E-SB-1141-1-2	1 - 2			17 U	57	7.8E-08	5.8E-04	
E-SB-1440	E-SB-1440-0-2	0 - 2		1,441	17 U	11 U	7.1E-07	7.0E-03	
E-SB-1282	E-SB-1282-0-1	0 - 1		438	27 U	450	7.0E-07	2.9E-03	
	E-SB-1282-1-2	1 - 2		40.3	5.3 U	65	9.3E-08	3.6E-04	
E-SB-1265	E-SB-1265-0-0.5	0 - 0.5		1,458			6.9E-07	6.5E-03	
	E-SB-1265-0.5-1	0.5 - 1		849			4.0E-07	3.8E-03	
E-SB-1201	E-SB-1201-1-2-AVG	1 - 2			26 U	630	6.8E-07	8.9E-04	
	E-SB-1201-0-1	0 - 1			27 U	440	4.9E-07	9.2E-04	
SB-511	SB-511-0001	0 - 1	5.7 U	97.2	38 U	49	6.6E-07	6.4E-02	
E-SB-1090	E-SB-1090-1-2	1 - 2			29 U	610	6.6E-07	9.9E-04	
	E-SB-1090-0-1	0 - 1			5.7 U	200	2.1E-07	1.9E-04	
SB-520	SB-520-0001	0 - 1	6.2 U	249	41 U	41 U	6.5E-07	5.3E-02	
SB-541A	SB-541A-SS[SJ]	0 - 0			89 U	490	6.3E-07	3.0E-03	
	SB-541A-SS0-0.5	0 - 0.5			21 U	21 J	5.4E-08	7.2E-04	
	SB-541A-SS0.5-1	0.5 - 1			21 U	19 J	5.2E-08	7.2E-04	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1545	E-SB-1545-0-2	0 - 2			17 U	590	6.3E-07	5.8E-04	
E-SB-1170	E-SB-1170-0-1	0 - 1			27 U	570	6.2E-07	9.2E-04	
	E-SB-1170-1-2	1 - 2			5.5 U	4.6 U	1.1E-08	1.9E-04	
E-SB-1144	E-SB-1144-0-1	0 - 1			27 U	550	6.0E-07	9.2E-04	
	E-SB-1144-1-2	1 - 2			5.6 U	4.7 U	1.1E-08	1.9E-04	
E-SB-1660	E-SB-1660-0-1	0 - 1		1,216			5.8E-07	5.5E-03	
	E-SB-1660-1-2	1 - 2		0.71 U			2.0E-10	2.4E-06	
E-SB-1118	E-SB-1118-1-2	1 - 2			26 U	520	5.6E-07	8.9E-04	
	E-SB-1118-0-1	0 - 1			27 U	510	5.6E-07	9.2E-04	
SB-856	E-SB-856-04	0 - 2.5			1.3 U	540	5.5E-07	4.4E-05	
E-SB-1193	E-SB-1193-1-2	1 - 2			27 U	470	5.2E-07	9.2E-04	
	E-SB-1193-0-1	0 - 1			27 U	440	4.9E-07	9.2E-04	
E-SB-1784	E-SB-1784-00-01	0 - 1			16 U	480	5.1E-07	5.5E-04	
E-SB-1787	E-SB-1787-00-01	0 - 1			17 U	440	4.8E-07	5.8E-04	
E-SB-1049	E-SB-1049-1-2	1 - 2	25 J	282	5.4 U	4.6 U	4.6E-07	9.3E-03	
	E-SB-1049-0-1	0 - 1			5.3 U	56	6.5E-08	1.8E-04	
E-SB-1667	E-SB-1667-0-1	0 - 1			17 U	420	4.6E-07	5.8E-04	
	E-SB-1667-1-2	1 - 2			17 U	21 J	5.3E-08	5.8E-04	
E-SB-1471	E-SB-1471-0-2	0 - 2			18 U	400	4.3E-07	6.1E-04	
E-SB-1701	E-SB-1701-0-1	0 - 1		874			4.2E-07	3.9E-03	
	E-SB-1701-1-2	1 - 2		471			2.2E-07	2.1E-03	
E-SB-1103	E-SB-1103-0-1	0 - 1			5.4 U	350	3.6E-07	1.8E-04	
	E-SB-1103-1-2	1 - 2			5.6 U	9.8 J	1.8E-08	1.9E-04	
E-SB-1700	E-SB-1700-0-1	0 - 1		703			3.3E-07	3.2E-03	
	E-SB-1700-1-2	1 - 2		15.1			7.2E-09	6.8E-05	
SB-345	SB-345-0001	0 - 1			35 U	260	3.2E-07	1.2E-03	
E-SB-1457	E-SB-1457-1-2	1 - 2	0.7 U	602	16 U	10 U	3.1E-07	3.3E-03	
	E-SB-1457-0-1	0 - 1			16 U	16 J	3.6E-08	5.5E-04	
E-SB-1669	E-SB-1669-0-1	0 - 1			16 U	280	3.1E-07	5.5E-04	
	E-SB-1669-1-2	1 - 2			17 U	28 J	6.0E-08	5.8E-04	
E-SB-1506	E-SB-1506-0-2	0 - 2		0.72 U	80 U	210	3.1E-07	2.7E-03	
E-SB-1121	E-SB-1121-0-1	0 - 1			11 U	290	3.1E-07	3.7E-04	
	E-SB-1121-1-2	1 - 2			5.6 U	20 J	2.9E-08	1.9E-04	
E-VS-04	E-VS-4-072913-0-1.5	0 - 1.5	6.2 U	47.8	18 U	86	3.0E-07	5.4E-02	
E-SB-1125	E-SB-1125-0-1	0 - 1			26 U	250	2.9E-07	8.9E-04	
	E-SB-1125-1-2	1 - 2			5.2 U	30 J	3.8E-08	1.8E-04	
E-SB-1670	E-SB-1670-0-1	0 - 1			16 U	260	2.9E-07	5.5E-04	
	E-SB-1670-1-2	1 - 2			16 U	20 U	4.0E-08	5.5E-04	
E-SB-1088	E-SB-1088-0-1-AVG	0 - 1			17.9 U	255	2.8E-07	6.1E-04	
	E-SB-1088-1-2	1 - 2			5.9 U	6.6 J	1.6E-08	2.0E-04	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1250	E-SB-1250-0-1	0 - 1			5.7 U	260	2.7E-07	1.9E-04	
	E-SB-1250-1-2	1 - 2			5.7 U	72	8.1E-08	1.9E-04	
E-SB-1679	E-SB-1679-1-2	1 - 2			17 U	230	2.7E-07	5.8E-04	
	E-SB-1679-0-1	0 - 1			18 U	36 J	7.0E-08	6.1E-04	
E-SB-1548	E-SB-1548-0-2	0 - 2			17 U	230	2.6E-07	5.8E-04	
E-SB-1051	E-SB-1051-1-2	1 - 2			6.3 U	250	2.6E-07	2.1E-04	
	E-SB-1051-0-1	0 - 1			5.8 U	71	8.1E-08	2.0E-04	
E-SB-1453	E-SB-1453-0-2	0 - 2			16 U	230	2.5E-07	5.5E-04	
E-SB-1712	E-SB-1712-0-1	0 - 1		496			2.4E-07	2.2E-03	
	E-SB-1712-1-2	1 - 2		70.5			3.5E-08	3.5E-04	
E-SB-860	E-SB-860-SB-0.0-0.5	0 - 0.5			14 U	5900 K	6.0E-06	4.8E-04	
	E-SB-860-SB-0.5-2.0	0.5 - 2			1.3 U	230 J	2.3E-07	4.4E-05	
E-SB-1515	E-SB-1515-0-2	0 - 2	23 U	0.75 U			2.3E-07	7.5E-02	
E-SB-1785	E-SB-1785-00-01	0 - 1			190 J	21 U	2.3E-07	1.3E-02	
E-SB-1717	E-SB-1717-0-1	0 - 1			17 U	190	2.2E-07	5.8E-04	
	E-SB-1717-1-2	1 - 2			17 U	51 J	8.3E-08	5.8E-04	
	E-SB-1707-1-2	1 - 2		0.75 U			2.1E-10	2.5E-06	
E-SB-1715	E-SB-1715-0-1	0 - 1			16 U	190	2.2E-07	5.5E-04	
	E-SB-1715-1-2	1 - 2			16 U	34 J	6.5E-08	5.5E-04	
SB-544A	SB-544A-SS0-0.5	0 - 0.5			19 U	190	2.2E-07	6.5E-04	
	SB-544A-SS[SJ]	0 - 0			17 U	41	6.8E-08	5.8E-04	
E-SB-1143	E-SB-1143-0-1	0 - 1			5.5 U	210	2.2E-07	1.9E-04	
	E-SB-1143-1-2	1 - 2			5.6 U	4.7 U	1.1E-08	1.9E-04	
E-SB-1553	E-SB-1553-0-2	0 - 2			16 U	180	2.1E-07	5.5E-04	
SB-556	SB-556-SS0-0.5	0 - 0.5			18 U	180	2.1E-07	6.1E-04	
	SB-556-SS0.5-1	0.5 - 1			20 U	20 U	4.1E-08	6.8E-04	
	SB-556-2	2 - 2					0.0E+00	0.0E+00	
SB-235	SB-235-SS	0 - 0			37 U	108	2.1E-07	1.3E-03	
	SB-235-01	1 - 1			37 U	37 U	7.7E-08	1.3E-03	
E-VS-03	E-VS-3-072913-0-1.5	0 - 1.5	0.28 U	65.7	20 U	140	2.0E-07	1.3E-03	
E-SB-983	E-SB-983-0-2	0 - 2	0.3 U	188	20 U	81	2.0E-07	1.5E-03	
SB-232	SB-232-SS	0 - 0			37 U	140	2.0E-07	1.3E-03	
	SB-232-01	1 - 1			39 U	94	1.6E-07	1.3E-03	
E-SB-1529	E-SB-1529-1-2	1 - 2		0.74 U	16 U	170	1.9E-07	5.5E-04	
	E-SB-1529-0-1	0 - 1		0.7 U	15 U	27 J	4.6E-08	5.1E-04	
E-SB-1543	E-SB-1543-0-2	0 - 2			15 U	160	1.9E-07	5.1E-04	
E-SB-1530	E-SB-1530-0-2	0 - 2		29.6	17 U	150	1.9E-07	7.1E-04	
E-SB-1689	E-SB-1689-1-2	1 - 2			18 U	140	1.8E-07	6.1E-04	
	E-SB-1689-0-1	0 - 1			18 U	57 J	9.1E-08	6.1E-04	
E-SB-1674	E-SB-1674-0-1	0 - 1			16 U	140	1.7E-07	5.5E-04	
	E-SB-1674-1-2	1 - 2			16 U	55 J	8.6E-08	5.5E-04	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-836	E-SB-836-SS	0 - 1			20 U	130	1.6E-07	6.8E-04	
E-SB-1203	E-SB-1203-1-2	1 - 2			5.6 U	150	1.6E-07	1.9E-04	
	E-SB-1203-0-1	0 - 1			5.6 U	78	8.7E-08	1.9E-04	
SB-233	SB-233-SS	0 - 0			37 U	80	1.5E-07	1.3E-03	
	SB-233-01	1 - 1			39 U	39 U	8.1E-08	1.3E-03	
E-SB-1444	E-SB-1444-0-2	0 - 2		2.9 U	16 U	130	1.5E-07	5.6E-04	
E-SB-1531	E-SB-1531-0-2	0 - 2		1.70	16 U	130	1.5E-07	5.6E-04	
E-SB-1443	E-SB-1443-0-2	0 - 2		174	20 U	44 J	1.5E-07	1.5E-03	
E-SB-1552	E-SB-1552-0-2	0 - 2			16 U	120	1.5E-07	5.5E-04	
E-SB-1066	E-SB-1066-0-1	0 - 1			5.7 U	140	1.5E-07	1.9E-04	
E-SB-1048	E-SB-1048-0-1	0 - 1			5.4 U	140	1.5E-07	1.8E-04	
	E-SB-1048-1-2	1 - 2			5.5 U	41	5.0E-08	1.9E-04	
E-SB-840	E-SB-840-SS	0 - 1			18 U	120	1.5E-07	6.1E-04	
E-SB-1483	E-SB-1483-0-1	0 - 1			16 U	120	1.4E-07	5.5E-04	
	E-SB-1483-1-2	1 - 2		5.64	16 U	10 U	2.7E-08	5.7E-04	
E-SB-1227	E-SB-1227-0-1	0 - 1			5.5 U	120	1.3E-07	1.9E-04	
	E-SB-1227-1-2	1 - 2			5.2 U	63	7.2E-08	1.8E-04	
E-SB-1117	E-SB-1117-0-1	0 - 1			5.4 U	120	1.3E-07	1.8E-04	
	E-SB-1117-1-2	1 - 2			5.6 U	62	7.1E-08	1.9E-04	
E-SB-1040	E-SB-1040-02	2 - 2	0.22 U	26.7	21 U	82	1.3E-07	1.5E-03	
E-SB-1033	E-SB-1033-02	2 - 2	6.1 U	0.73 U	19 U	19 U	1.3E-07	3.0E-02	
E-SB-1267	E-SB-1267-0-0.5	0 - 0.5		260			1.2E-07	1.2E-03	
	E-SB-1267-0.5-1	0.5 - 1		65.9			3.2E-08	3.0E-04	
E-SB-1168	E-SB-1168-0-1	0 - 1			5.3 U	110	1.2E-07	1.8E-04	
	E-SB-1168-1-2	1 - 2			5.9 U	46	5.5E-08	2.0E-04	
E-SB-1150	E-SB-1150-0-1	0 - 1			5.2 U	110	1.2E-07	1.8E-04	
	E-SB-1150-1-2	1 - 2			5.6 U	44	5.3E-08	1.9E-04	
E-SB-1789	E-SB-1789-00-01	0 - 1			16 U	85	1.2E-07	5.5E-04	
E-SB-904	E-SB-904-0-2	0 - 2		3.8 U	19 U	86	1.2E-07	6.6E-04	
E-SB-1466	E-SB-1466-0-2	0 - 2			16 U	92	1.1E-07	5.5E-04	
SB-833C	E-SB-833C-02	2 - 2	1.1 B	3.9 U	20 U	82	1.1E-07	7.0E-04	
E-SB-1549	E-SB-1549-0-2	0 - 2			16 U	81	1.1E-07	5.5E-04	
E-SB-1497	E-SB-1497-0-2	0 - 2		0.73 U	16 U	86	1.1E-07	5.5E-04	
E-CB-2	E-CB-2-0-2	0 - 2		9.28	21 U	70	1.1E-07	7.6E-04	
E-SB-1449	E-SB-1449-0-2	0 - 2			86	10 U	1.0E-07	5.9E-03	
E-SB-1050	E-SB-1050-0-1	0 - 1			7.4 U	89	1.0E-07	2.5E-04	
	E-SB-1050-1-2	1 - 2			5.7 U	60	6.9E-08	1.9E-04	
TCC-SB-1277	TCC-SB-1277-1-2	1 - 2			6 U	89	9.9E-08	2.0E-04	
	TCC-SB-1277-0-1	0 - 1			5.5 U	4.6 U	1.1E-08	1.9E-04	
E-SB-1502	E-SB-1502-0-2	0 - 2		0.74 U	16 U	78	9.9E-08	5.5E-04	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1045	E-SB-1045-0-1	0 - 1			5.4 U	84	9.3E-08	1.8E-04	
	E-SB-1045-1-2	1 - 2			5.6 UJ	9.4 J	2.7E-08	3.8E-04	
E-SB-1692	E-SB-1692-0-1	0 - 1			16 U	61	9.2E-08	5.5E-04	
	E-SB-1692-1-2	1 - 2			17 U	21 U	4.2E-08	5.8E-04	
E-SB-1091	E-SB-1091-0-1	0 - 1			6 U	81	9.1E-08	2.0E-04	
	E-SB-1091-1-2	1 - 2			5.9 U	30 J	3.9E-08	2.0E-04	
E-SB-1523	E-SB-1523-0-1	0 - 1		23.9	16 U	58	9.0E-08	6.5E-04	
	E-SB-1523-1-2	1 - 2		14.2	17 U	11 U	3.3E-08	6.4E-04	
E-SB-866	E-SB-866-SB-0.5-2.0	0.5 - 2			2.7 U	84 J	8.9E-08	9.2E-05	
SB-550A	SB-550A-SS[SJ]	0 - 0			17 U	61	8.8E-08	5.8E-04	
	SB-550A-SS0-0.5	0 - 0.5			20 U	12 J	4.3E-08	6.8E-04	
	SB-550A-2	2 - 2			20 U	20 U	4.1E-08	6.8E-04	
	SB-550A-SS0.5-1	0.5 - 1			20 U	20 U	4.1E-08	6.8E-04	
SB-833G	E-SB-833G-02	2 - 2	0.68 B	3.9 U	20 U	57	8.7E-08	7.0E-04	
E-SB-1445	E-SB-1445-0-2	0 - 2		5.41	17 U	63	8.7E-08	6.0E-04	
E-SB-1474	E-SB-1474-0-2	0 - 2			17 U	65	8.6E-08	5.8E-04	
E-SB-1544	E-SB-1544-0-2	0 - 2			16 U	53 J	8.4E-08	5.5E-04	
E-SB-846	E-SB-846-SS	0 - 1			19 U	53	8.1E-08	6.5E-04	
E-SB-1786	E-SB-1786-00-01	0 - 1			17 U	48 J	8.0E-08	5.8E-04	
E-SB-1053	E-SB-1053-0-1	0 - 1			6 U	70	8.0E-08	2.0E-04	
	E-SB-1053-1-2	1 - 2			5.8 U	4.9 U	1.1E-08	2.0E-04	
E-SB-1510	E-SB-1510-0-2	0 - 2		0.76 U	17 U	58	7.9E-08	5.8E-04	
E-SB-1513	E-SB-1513-0-2	0 - 2	0.31 U	165			7.9E-08	8.4E-04	
E-SB-1202	E-SB-1202-1-2	1 - 2			5.6 U	70	7.9E-08	1.9E-04	
	E-SB-1202-0-1	0 - 1			5.6 U	64	7.3E-08	1.9E-04	
SB-004	SB-04B-01	1 - 1			38 U	38 U	7.9E-08	1.3E-03	
E-SB-1115	E-SB-1115-0-1	0 - 1			5.7 U	69	7.8E-08	1.9E-04	
	E-SB-1115-1-2	1 - 2			5.5 U	16 J	2.5E-08	1.9E-04	
E-SB-1442	E-SB-1442-0-2	0 - 2		62.0	17 U	27 J	7.8E-08	8.7E-04	
E-VS-06	E-VS-6-072913-0-1.5	0 - 1.5	0.21 U	87.1	19 U	19 U	7.8E-08	1.1E-03	
SB-833L	E-SB-833L-02	2 - 2	1600	3.9 U	20 U	26 J	7.4E-08	7.5E-03	
E-SB-1627	E-SB-1627-1-2	1 - 2			39 J	20 U	7.2E-08	2.7E-03	
E-SB-1439	E-SB-1439-0-2-AVG	0 - 2		68.9	17 U	17.5	7.2E-08	8.9E-04	
SB-833N	E-SB-833N-02	2 - 2	0.22 U	39 U	20 U	31 J	7.0E-08	8.1E-04	
SB-563	SB-563-SS0-0.5	0 - 0.5			19 U	40	7.0E-08	6.5E-04	
	SB-563-2	2 - 2			19 U	19 U	3.9E-08	6.5E-04	
	SB-563-SS0.5-1	0.5 - 1			18 U	18 U	3.7E-08	6.1E-04	
E-SB-1672	E-SB-1672-0-1	0 - 1			16 U	38 J	6.9E-08	5.5E-04	
	E-SB-1672-1-2	1 - 2			16 U	20 U	4.0E-08	5.5E-04	
E-SB-1211	E-SB-1211-1-2	1 - 2			5.6 U	60	6.9E-08	1.9E-04	
	E-SB-1211-0-1	0 - 1			5.4 U	4.5 U	1.1E-08	1.8E-04	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-823	E-SB-823-SS	0 - 1			21 U	38 J	6.9E-08	7.2E-04	
E-SB-902	E-SB-902-0-2	0 - 2		3.8 U	19 U	37	6.6E-08	6.6E-04	
E-SB-1465	E-SB-1465-0-2	0 - 2			17 U	45	6.6E-08	5.8E-04	
E-SB-1535	E-SB-1535-0-2-AVG	0 - 2		9.92	16.5 U	40.5 J	6.6E-08	6.1E-04	
E-SB-1136	E-SB-1136-1-2-AVG	1 - 2			55	4.85 U	6.5E-08	3.7E-03	
	E-SB-1136-0-1	0 - 1			5.3 U	4.5 U	1.0E-08	1.8E-04	
E-SB-828	E-SB-828-SS	0 - 1			20 U	35 J	6.4E-08	6.8E-04	
E-SB-1533	E-SB-1533-0-2	0 - 2		0.72 U	16 U	44	6.4E-08	5.5E-04	
E-SB-1714	E-SB-1714-0-1	0 - 1			16 U	33 J	6.4E-08	5.5E-04	
	E-SB-1714-1-2	1 - 2			16 U	30 J	6.1E-08	5.5E-04	
E-SB-827	E-SB-827-SS	0 - 1			20 U	34 J	6.4E-08	6.8E-04	
E-SB-1729	E-SB-1729-0-1	0 - 1			16 U	32 J	6.3E-08	5.5E-04	
	E-SB-1729-1-2	1 - 2			17 U	21 U	4.2E-08	5.8E-04	
E-SB-1664	E-SB-1664-1-2	1 - 2			16 U	31 J	6.1E-08	5.5E-04	
	E-SB-1664-0-1	0 - 1			15 U	22 J	5.1E-08	5.1E-04	
E-SB-1505	E-SB-1505-0-2	0 - 2		0.75 U	16 U	40	6.1E-08	5.5E-04	
E-SB-1047	E-SB-1047-0-1	0 - 1			5.7 U	51	6.0E-08	1.9E-04	
	E-SB-1047-1-2	1 - 2			5.6 U	4.7 U	1.1E-08	1.9E-04	
SB-855	E-SB-855-0-4	0 - 3.5			1.4 U	56 J	5.9E-08	4.8E-05	
E-SB-1498	E-SB-1498-0-2-AVG	0 - 2		1.17	16.5 U	37 J	5.8E-08	5.7E-04	
E-SB-1459	E-SB-1459-1-2	1 - 2			18 U	35 J	5.7E-08	6.1E-04	
	E-SB-1459-0-1	0 - 1			16 U	10 U	2.4E-08	5.5E-04	
S-SB-964	S-SB-964-0.5-2	0.5 - 2		42.6	19 U	19 U	5.7E-08	8.4E-04	
SB-552	SB-552-SS0.5-1	0.5 - 1			19 U	27	5.7E-08	6.5E-04	
	SB-552-2	2 - 2			20 U	20 U	4.1E-08	6.8E-04	
	SB-552-SS0-0.5	0 - 0.5			19 U	19 U	3.9E-08	6.5E-04	
E-SB-1595	E-SB-1595-1-2	1 - 2			23 J	20 U	5.6E-08	1.6E-03	
	E-SB-1595-0-1	0 - 1			16 U	20 U	4.0E-08	5.5E-04	
E-SB-1172	E-SB-1172-0-1	0 - 1			5.3 U	47	5.6E-08	1.8E-04	
	E-SB-1172-1-2-AVG	1 - 2			5.55 U	6.15	1.5E-08	1.9E-04	
SB-544A-S	SB-544A-SS0.5-1	0.5 - 1			20 U	23	5.5E-08	6.8E-04	
E-SB-1071	E-SB-1071-0-1	0 - 1			5.5 U	45	5.4E-08	1.9E-04	
	E-SB-1071-1-2	1 - 2			5.6 U	4.7 U	1.1E-08	1.9E-04	
E-SB-1783	E-SB-1783-00-01	0 - 1			16 U	23 J	5.4E-08	5.5E-04	
SB-567	SB-567-SS0-0.5	0 - 0.5			18 U	25	5.3E-08	6.1E-04	
	SB-567-SS0.5-1	0.5 - 1			19 U	5.4 J	3.5E-08	6.5E-04	
	SB-567-2	2 - 2			19 U	4.3 J	3.4E-08	6.5E-04	
E-SB-837	E-SB-837-SS	0 - 1			19 U	26 J	5.3E-08	6.5E-04	
E-SB-1514	E-SB-1514-0-2	0 - 2	0.29 U	107			5.2E-08	5.4E-04	
E-SB-1122	E-SB-1122-0-1	0 - 1			5.5 UJ	35 J	5.2E-08	3.7E-04	
	E-SB-1122-1-2	1 - 2			5.4 U	7.3 J	1.6E-08	1.8E-04	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
SB-833H	E-SB-833H-02	2 - 2	1.1 B	3.7 U	19 U	23 J	5.2E-08	6.7E-04	
E-SB-1519	E-SB-1519-0-1	0 - 1		56.4	16 U	10 U	5.2E-08	8.0E-04	
	E-SB-1519-1-2	1 - 2		0.73 U	16 U	10 U	2.5E-08	5.5E-04	
E-SB-968	E-SB-968-0-0.5	0 - 0.5		31.1	19 U	19 U	5.2E-08	7.9E-04	
	E-SB-968-0.5-2	0.5 - 2		7.32	19 U	19 U	4.0E-08	6.8E-04	
E-SB-821	E-SB-821-SS	0 - 1			20 U	21 J	5.0E-08	6.8E-04	
E-SB-1096	E-SB-1096-1-2	1 - 2			40	4.7 U	4.9E-08	2.7E-03	
	E-SB-1096-0-1	0 - 1			10 J	4.7 U	1.8E-08	6.8E-04	
E-SB-1508	E-SB-1508-0-2	0 - 2		0.76 U	17 U	28 J	4.9E-08	5.8E-04	
E-SB-829	E-SB-829-SS	0 - 1			20 U	20 UJ	4.9E-08	6.8E-04	
E-SB-1215	E-SB-1215-0-1	0 - 1			5.5 U	40	4.9E-08	1.9E-04	
	E-SB-1215-1-2	1 - 2			5.3 U	5.2 J	1.3E-08	1.8E-04	
E-SB-1511	E-SB-1511-0-2	0 - 2		0.75 U	16 U	28 J	4.8E-08	5.5E-04	
E-SB-960	E-SB-960-1-2	1 - 2		20.4	19 U	19 U	4.8E-08	7.8E-04	
E-SB-1097	E-SB-1097-0-1	0 - 1			5.8 U	38 J	4.7E-08	2.0E-04	
	E-SB-1097-1-2	1 - 2			6 U	11 J	2.0E-08	2.0E-04	
E-SB-1525	E-SB-1525-1-2	1 - 2		42.7	17 U	11 U	4.6E-08	7.7E-04	
	E-SB-1525-0-1	0 - 1		20.8	17 U	11 U	3.6E-08	6.7E-04	
SB-833D	E-SB-833D-02	2 - 2	0.52 B	7.05	21 U	21 U	4.6E-08	8.1E-04	
E-SB-1092	E-SB-1092-0-1-AVG	0 - 1			5.85 U	36.5	4.6E-08	2.0E-04	
	E-SB-1092-1-2	1 - 2			5.4 U	16 J	2.4E-08	1.8E-04	
E-SB-899	E-SB-899-0.7-2	0.7 - 2		4.4 U	23 U	23 U	4.6E-08	8.0E-04	
E-SB-905	E-SB-905-0-2	0 - 2		18.3	19 U	19 U	4.5E-08	7.3E-04	
E-SB-1509	E-SB-1509-0-2	0 - 2		0.73 U	16 U	25 J	4.5E-08	5.5E-04	
E-SB-1484	E-SB-1484-1-2	1 - 2		94.7			4.5E-08	4.2E-04	
E-SB-1577	E-SB-1577-1-2	1 - 2	28 U				4.3E-08	1.3E-02	
SB-545	SB-545-SS0.5-1	0.5 - 1			21 U	21 U	4.3E-08	7.2E-04	
	SB-545-SS0-0.5	0 - 0.5			20 U	20 U	4.1E-08	6.8E-04	
SB-551	SB-551-2	2 - 2			21 U	21 U	4.3E-08	7.2E-04	
	SB-551-SS0.5-1	0.5 - 1			20 U	20 U	4.1E-08	6.8E-04	
	SB-551-SS0-0.5	0 - 0.5			18 U	5.6 J	3.4E-08	6.1E-04	
E-SB-1217	E-SB-1217-1-2	1 - 2			5.2 U	35 J	4.3E-08	1.8E-04	
	E-SB-1217-0-1	0 - 1			5.2 U	34 J	4.2E-08	1.8E-04	
E-SB-1663	E-SB-1663-0-1	0 - 1			17 U	22 U	4.3E-08	5.8E-04	
	E-SB-1663-1-2	1 - 2			16 U	21 U	4.1E-08	5.5E-04	
E-SB-1673	E-SB-1673-0-1	0 - 1			17 U	22 U	4.3E-08	5.8E-04	
	E-SB-1673-1-2	1 - 2			16 U	21 U	4.1E-08	5.5E-04	
E-SB-1538	E-SB-1538-0-2	0 - 2			17 U	21 U	4.2E-08	5.8E-04	
E-SB-1695	E-SB-1695-1-2	1 - 2			17 U	21 U	4.2E-08	5.8E-04	
	E-SB-1695-0-1	0 - 1			16 U	20 U	4.0E-08	5.5E-04	
E-SB-833	E-SB-833-SS	0 - 1			22 U	22 U	4.2E-08	7.5E-04	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1114	E-SB-1114-1-2	1 - 2			5.7 U	33 J	4.2E-08	1.9E-04	
	E-SB-1114-0-1	0 - 1			5.5 U	31 J	4.0E-08	1.9E-04	
E-SB-1539	E-SB-1539-0-2	0 - 2			16 U	21 U	4.2E-08	5.5E-04	
E-SB-1541	E-SB-1541-0-2	0 - 2			16 U	21 U	4.2E-08	5.5E-04	
E-SB-1108	E-SB-1108-0-1	0 - 1			5.4 U	33 J	4.2E-08	1.8E-04	
	E-SB-1108-1-2	1 - 2			5.7 U	8.4 J	1.7E-08	1.9E-04	
E-SB-1536	E-SB-1536-0-2	0 - 2			16 U	21 U	4.1E-08	5.5E-04	
E-SB-1540	E-SB-1540-0-2	0 - 2			16 U	21 U	4.1E-08	5.5E-04	
E-SB-1542	E-SB-1542-0-2	0 - 2			16 U	21 U	4.1E-08	5.5E-04	
E-SB-1688	E-SB-1688-0-1	0 - 1			16 U	21 U	4.1E-08	5.5E-04	
	E-SB-1688-1-2	1 - 2			16 U	20 U	4.0E-08	5.5E-04	
E-SB-1690	E-SB-1690-0-1	0 - 1			16 U	21 U	4.1E-08	5.5E-04	
	E-SB-1690-1-2	1 - 2			16 U	21 U	4.1E-08	5.5E-04	
E-SB-1691	E-SB-1691-1-2	1 - 2			16 U	21 U	4.1E-08	5.5E-04	
	E-SB-1691-0-1-AVG	0 - 1			15.5 U	20 U	4.0E-08	5.3E-04	
SB-541	SB-541-2	2 - 2			20 U	20 U	4.1E-08	6.8E-04	
	SB-541-SS0.5-1	0.5 - 1			20 U	20 U	4.1E-08	6.8E-04	
	SB-541-SS0-0.5	0 - 0.5			20 U	20 U	4.1E-08	6.8E-04	
SB-542	SB-542-SS0-0.5	0 - 0.5			20 U	20 U	4.1E-08	6.8E-04	
	SB-542-2	2 - 2			19 U	19 U	3.9E-08	6.5E-04	
	SB-542-SS0.5-1	0.5 - 1			19 U	19 U	3.9E-08	6.5E-04	
SB-543	SB-543-2	2 - 2			20 U	20 U	4.1E-08	6.8E-04	
	SB-543-SS0.5-1	0.5 - 1			19 U	19 U	3.9E-08	6.5E-04	
	SB-543-SS0-0.5	0 - 0.5			19 U	5.4 J	3.5E-08	6.5E-04	
SB-544	SB-544-2	2 - 2			20 U	20 U	4.1E-08	6.8E-04	
	SB-544-SS0.5-1	0.5 - 1			20 U	20 U	4.1E-08	6.8E-04	
	SB-544-SS0-0.5	0 - 0.5			19 U	19 U	3.9E-08	6.5E-04	
SB-549	SB-549-SS0.5-1	0.5 - 1			20 U	20 U	4.1E-08	6.8E-04	
	SB-549-2-AVG	2 - 2			19.5 U	19.5 U	4.0E-08	6.6E-04	
	SB-549-SS0-0.5	0 - 0.5			19 U	19 U	3.9E-08	6.5E-04	
SB-550	SB-550-2	2 - 2			20 U	20 U	4.1E-08	6.8E-04	
	SB-550-SS0.5-1	0.5 - 1			20 U	20 U	4.1E-08	6.8E-04	
	SB-550-SS0-0.5	0 - 0.5			19 U	19 U	3.9E-08	6.5E-04	
SB-553	SB-553-2	2 - 2			20 U	20 U	4.1E-08	6.8E-04	
	SB-553-SS0.5-1	0.5 - 1			19 U	19 U	3.9E-08	6.5E-04	
SB-569	SB-569-2	2 - 2			20 U	20 U	4.1E-08	6.8E-04	
SB-560	SB-560-SS0-0.5	0 - 0.5			18 U	13 J	4.1E-08	6.1E-04	
	SB-560-2	2 - 2			18 U	18 U	3.7E-08	6.1E-04	
	SB-560-SS0.5-1	0.5 - 1			18 U	18 U	3.7E-08	6.1E-04	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1668	E-SB-1668-0-1	0 - 1			16 U	21 U	4.1E-08	5.5E-04	
	E-SB-1668-1-2	1 - 2			16 U	20 U	4.0E-08	5.5E-04	
	E-SB-1698-0-1	0 - 1			16 U	21 U	4.1E-08	5.5E-04	
	E-SB-1698-1-2	1 - 2			16 U	21 U	4.1E-08	5.5E-04	
SB-557	SB-557-SS0-0.5	0 - 0.5			19 U	11 J	4.1E-08	6.5E-04	
	SB-557-2	2 - 2			18 U	18 U	3.7E-08	6.1E-04	
	SB-557-SS0.5-1	0.5 - 1			18 U	18 U	3.7E-08	6.1E-04	
E-SB-963	S-SB-963-0.5-2	0.5 - 2		6.93	19 U	19 U	4.0E-08	6.9E-04	
E-SB-1788	E-SB-1788-00-01	0 - 1			16 U	20 U	4.0E-08	5.5E-04	
E-SB-1671	E-SB-1671-0-1	0 - 1			16 U	20 U	4.0E-08	5.5E-04	
	E-SB-1671-1-2	1 - 2			15 U	20 U	3.9E-08	5.1E-04	
E-SB-1696	E-SB-1696-0-1	0 - 1			16 U	20 U	4.0E-08	5.5E-04	
	E-SB-1696-1-2	1 - 2			16 U	20 U	4.0E-08	5.5E-04	
SB-546	SB-546-2-AVG	2 - 2			19.5 U	19.5 U	4.0E-08	6.6E-04	
	SB-546-SS0-0.5-AVG	0 - 0.5			19 U	19 U	3.9E-08	6.5E-04	
	SB-546-SS0.5-1-AVG	0.5 - 1			18.5 U	18.5 U	3.8E-08	6.3E-04	
E-SB-1063	E-SB-1063-0-1	0 - 1			5.7 U	31 J	4.0E-08	1.9E-04	
	E-SB-1063-1-2	1 - 2			5.6 U	17 J	2.6E-08	1.9E-04	
E-SB-1790	E-SB-1790-00-01	0 - 1			16 U	20 U	4.0E-08	5.5E-04	
E-SB-1550	E-SB-1550-0-2	0 - 2			16 U	20 U	4.0E-08	5.5E-04	
E-CB-11A	E-CB-11A-0-2	0 - 2		3.9 U	20 U	20 U	4.0E-08	6.9E-04	
E-CB-13	E-CB-13-0-2	0 - 2		3.9 U	20 U	20 U	4.0E-08	6.9E-04	
E-SB-969	E-SB-969-0.5-2	0.5 - 2		4.98	19 U	19 U	4.0E-08	6.7E-04	
E-SB-1031	E-SB-1031-02	2 - 2	0.22 U	0.7 U	19 U	19 U	4.0E-08	1.5E-03	
SB-547	SB-547-2	2 - 2			19 U	19 U	3.9E-08	6.5E-04	
	SB-547-SS0-0.5	0 - 0.5			19 U	19 U	3.9E-08	6.5E-04	
	SB-547-SS0.5-1	0.5 - 1			18 U	18 U	3.7E-08	6.1E-04	
SB-548	SB-548-2-AVG	2 - 2			19 U	19 U	3.9E-08	6.5E-04	
	SB-548-SS0.5-1-AVG	0.5 - 1			19 U	19 U	3.9E-08	6.5E-04	
	SB-548-SS0-0.5-AVG	0 - 0.5			19 U	19 U	3.9E-08	6.5E-04	
SB-554	SB-554-2	2 - 2			19 U	19 U	3.9E-08	6.5E-04	
	SB-554-SS0.5-1	0.5 - 1			19 U	19 U	3.9E-08	6.5E-04	
SB-571	SB-571-2	2 - 2			19 U	19 U	3.9E-08	6.5E-04	
	SB-571-SS0.5-1	0.5 - 1			18 U	18 U	3.7E-08	6.1E-04	
	SB-571-SS0-0.5	0 - 0.5			18 U	18 U	3.7E-08	6.1E-04	
E-VS-07	E-VS-7-072913-0-1.5	0 - 1.5	0.25 U	0.75 U	20 U	20 U	3.9E-08	7.8E-04	
SB-564	SB-564-SS0-0.5	0 - 0.5			18 U	11 J	3.9E-08	6.1E-04	
	SB-564-SS0.5-1	0.5 - 1			18 U	18 U	3.7E-08	6.1E-04	
	SB-564-2	2 - 2			17 U	17 U	3.5E-08	5.8E-04	
E-SB-1441	E-SB-1441-0-2	0 - 2		17.0	16 U	11 J	3.9E-08	6.2E-04	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1165	E-SB-1165-1-2	1 - 2			5.8 U	30 J	3.9E-08	2.0E-04	
	E-SB-1165-0-1	0 - 1			5.5 U	15 J	2.3E-08	1.9E-04	
SB-825	E-SB-825-SS	0 - 1			20 U	20 U	3.9E-08	6.8E-04	
E-SB-1504	E-SB-1504-0-2	0 - 2		1.39	16 U	18 J	3.9E-08	5.5E-04	
E-SB-962	E-SB-962-1-2	1 - 2		3.7 U	19 U	19 U	3.8E-08	6.7E-04	
E-SB-1694	E-SB-1694-0-1	0 - 1			15 U	19 U	3.8E-08	5.1E-04	
	E-SB-1694-1-2	1 - 2			15 U	19 U	3.8E-08	5.1E-04	
E-SB-901	E-SB-901-0-2	0 - 2		3.7 U	19 U	19 U	3.8E-08	6.6E-04	
E-SB-970	E-SB-970-0.5-2	0.5 - 2		3.7 U	19 U	19 U	3.8E-08	6.6E-04	
E-SB-971	E-SB-971-0.5-2	0.5 - 2		3.7 U	19 U	19 U	3.8E-08	6.6E-04	
E-VS-01	E-VS-1-072913-0-1.5	0 - 1.5	0.25 U	0.72 U	19 U	19 U	3.8E-08	8.3E-04	
E-SB-1025	E-SB-1025-02	2 - 2	0.2 U	0.72 U	19 U	19 U	3.8E-08	7.8E-04	
E-SB-908	E-SB-908-0-2	0 - 2		3.7 U	19 U	19 U	3.8E-08	6.6E-04	
E-VS-02	E-VS-2-072913-0-1.5	0 - 1.5	0.22 U	4.94	18 U	18 U	3.8E-08	6.8E-04	
E-SB-961	E-SB-961-1-2	1 - 2		3.7 U	19 U	19 U	3.8E-08	6.6E-04	
E-SB-903	E-SB-903-0-2	0 - 2		3.6 U	19 U	19 U	3.8E-08	6.6E-04	
E-SB-1043	E-SB-1043-02	2 - 2	0.21 U	0.73 U	19 U	19 U	3.7E-08	6.7E-04	
E-VS-05	E-VS-5-072913-0-1.5	0 - 1.5	0.24 U	0.71 U	19 U	19 U	3.7E-08	7.6E-04	
SB-559	SB-559-2	2 - 2			18 U	18 U	3.7E-08	6.1E-04	
	SB-559-SS0.5-1	0.5 - 1			18 U	18 U	3.7E-08	6.1E-04	
	SB-559-SS0-0.5	0 - 0.5			18 U	5.2 J	3.3E-08	6.1E-04	
SB-570	SB-570-2	2 - 2			18 U	18 U	3.7E-08	6.1E-04	
E-SB-824	E-SB-824-SS	0 - 1			19 U	19 U	3.7E-08	6.5E-04	
E-SB-834	E-SB-834-SS	0 - 1			19 U	19 U	3.7E-08	6.5E-04	
E-SB-818	E-SB-818-SS	0 - 1			19 U	19 U	3.7E-08	6.5E-04	
E-SB-820	E-SB-820-SS	0 - 1			19 U	19 U	3.7E-08	6.5E-04	
E-SB-842	E-SB-842-SS	0 - 1			19 U	19 U	3.7E-08	6.5E-04	
E-CB-11B	E-CB-11B-0-2	0 - 2			19 U	19 U	3.7E-08	6.5E-04	
E-SB-830	E-SB-830-SS	0 - 1			19 U	19 U	3.7E-08	6.5E-04	
E-SB-1534	E-SB-1534-0-2	0 - 2		0.72 U	16 U	17 J	3.7E-08	5.5E-04	
E-SB-1085	E-SB-1085-0-1	0 - 1			5.9 U	27 J	3.6E-08	2.0E-04	
	E-SB-1085-1-2	1 - 2			5.8 U	4.9 U	1.1E-08	2.0E-04	
E-SB-910	E-SB-910-0-2	0 - 2		3.6 U	18 U	18 U	3.6E-08	6.2E-04	
E-SB-819	E-SB-819-SS	0 - 1			18 U	18 U	3.5E-08	6.1E-04	
E-SB-1084	E-SB-1084-0-1	0 - 1			5.7 U	26 J	3.5E-08	1.9E-04	
	E-SB-1084-1-2	1 - 2			5.6 U	4.7 U	1.1E-08	1.9E-04	
E-SB-1649	E-SB-1649-0-1	0 - 1		71.4			3.4E-08	3.2E-04	
	E-SB-1649-1-2	1 - 2		0.76 U			2.1E-10	2.5E-06	
E-SB-1647	E-SB-1647-0-1	0 - 1		69.0			3.3E-08	3.2E-04	
	E-SB-1647-1-2	1 - 2		7.96			3.8E-09	3.6E-05	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1164	E-SB-1164-1-2	1 - 2			5.5 U	24 J	3.3E-08	1.9E-04	
	E-SB-1164-0-1	0 - 1			5.1 U	23 J	3.1E-08	1.7E-04	
E-SB-1460	E-SB-1460-0-1	0 - 1			16 U	11 J	3.1E-08	5.5E-04	
	E-SB-1460-1-2	1 - 2			16 U	10 U	2.5E-08	5.5E-04	
E-SB-1231	E-SB-1231-0-1	0 - 1			5.5 U	22 J	3.1E-08	1.9E-04	
	E-SB-1231-1-2	1 - 2			16 U	15 U	2.7E-08	5.5E-04	
E-SB-1095	E-SB-1095-1-2	1 - 2			18 U	17 U	3.0E-08	6.1E-04	
	E-SB-1095-0-1	0 - 1			5.8 U	4.9 U	1.1E-08	2.0E-04	
E-SB-1089	E-SB-1089-0-1	0 - 1			5.7 U	21 J	3.0E-08	1.9E-04	
	E-SB-1089-1-2	1 - 2			5.7 U	20 J	2.9E-08	1.9E-04	
E-SB-1233	E-SB-1233-0-1	0 - 1			5.7 U	21 J	3.0E-08	1.9E-04	
	E-SB-1233-1-2	1 - 2			5.2 U	4.4 U	1.0E-08	1.8E-04	
E-SB-1102	E-SB-1102-1-2	1 - 2			18 U	17 U	3.0E-08	6.1E-04	
	E-SB-1102-0-1	0 - 1			5.3 U	4.5 U	1.0E-08	1.8E-04	
E-SB-1216	E-SB-1216-1-2	1 - 2			5.4 U	21 J	2.9E-08	1.8E-04	
	E-SB-1216-0-1	0 - 1			5.4 U	13 J	2.1E-08	1.8E-04	
E-SB-1236	E-SB-1236-1-2	1 - 2			17 U	17 U	2.9E-08	5.8E-04	
	E-SB-1236-0-1	0 - 1			5.3 U	6.5 J	1.5E-08	1.8E-04	
E-SB-1046	E-SB-1046-0-1	0 - 1			5.8 U	19 J	2.8E-08	2.0E-04	
	E-SB-1046-1-2	1 - 2			5.8 U	12 J	2.1E-08	2.0E-04	
E-SB-1185	E-SB-1185-0-1	0 - 1			5.6 U	19 J	2.8E-08	1.9E-04	
	E-SB-1185-1-2	1 - 2			5.5 U	17 J	2.6E-08	1.9E-04	
E-SB-1171	E-SB-1171-0-1	0 - 1			5.5 U	19 J	2.8E-08	1.9E-04	
	E-SB-1171-1-2-AVG	1 - 2			5.5 U	4.6 U	1.1E-08	1.9E-04	
E-SB-1476	E-SB-1476-0-2	0 - 2			17 U	11 U	2.6E-08	5.8E-04	
E-SB-1458	E-SB-1458-1-2	1 - 2			17 U	11 U	2.6E-08	5.8E-04	
	E-SB-1458-0-1	0 - 1			16 U	10 U	2.4E-08	5.5E-04	
E-SB-1658	E-SB-1658-0-1	0 - 1		53.9			2.6E-08	2.4E-04	
	E-SB-1658-1-2	1 - 2		5.72			2.7E-09	2.6E-05	
E-SB-1500	E-SB-1500-0-2	0 - 2		1.5 U	16 U	10 U	2.5E-08	5.5E-04	
E-SB-1464	E-SB-1464-0-2	0 - 2			16 U	10 U	2.5E-08	5.5E-04	
E-SB-1173	E-SB-1173-1-2	1 - 2			5.6 U	15 J	2.4E-08	1.9E-04	
	E-SB-1173-0-1	0 - 1			5.4 U	9.3 J	1.8E-08	1.8E-04	
E-SB-1064	E-SB-1064-1-2	1 - 2			5.5 U	15 J	2.4E-08	1.9E-04	
	E-SB-1064-0-1	0 - 1			5.4 U	6.6 J	1.5E-08	1.8E-04	
E-SB-1636	E-SB-1636-0-1	0 - 1		48.6			2.3E-08	2.2E-04	
E-SB-1264	E-SB-1264-0-0.5	0 - 0.5		47.3			2.3E-08	2.2E-04	
	E-SB-1264-0.5-1	0.5 - 1		0.76 U			1.2E-09	3.1E-05	
E-SB-1068	E-SB-1068-0-1	0 - 1			5.3 U	4.5 U	2.2E-08	1.8E-04	
	E-SB-1068-1-2	1 - 2			5.5 U	4.6 U	1.1E-08	1.9E-04	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1113	E-SB-1113-0-1	0 - 1			5.9 U	13 J	2.2E-08	2.0E-04	
	E-SB-1113-1-2	1 - 2			5.7 U	9.8 J	1.9E-08	1.9E-04	
E-SB-1228	E-SB-1228-0-1	0 - 1			5.6 U	11 J	2.0E-08	1.9E-04	
	E-SB-1228-1-2	1 - 2			5.3 U	9.1 J	1.7E-08	1.8E-04	
E-SB-1075	E-SB-1075-0-1	0 - 1			5.6 U	11 J	2.0E-08	1.9E-04	
	E-SB-1075-1-2	1 - 2			5.6 U	4.8 U	1.1E-08	1.9E-04	
E-SB-1061	E-SB-1061-0-1	0 - 1			5.5 U	11 J	1.9E-08	1.9E-04	
	E-SB-1061-1-2	1 - 2			5.6 U	4.8 U	1.1E-08	1.9E-04	
E-SB-1241	E-SB-1241-0-1	0 - 1			5.5 U	11 J	1.9E-08	1.9E-04	
	E-SB-1241-1-2	1 - 2			5.5 U	8.5 J	1.7E-08	1.9E-04	
E-SB-1156	E-SB-1156-1-2	1 - 2			5.4 U	11 J	1.9E-08	1.8E-04	
	E-SB-1156-0-1	0 - 1			5.2 U	8 J	1.6E-08	1.8E-04	
E-SB-1079	E-SB-1079-0-1	0 - 1			6 U	9.4 J	1.9E-08	2.0E-04	
	E-SB-1079-1-2	1 - 2			5.7 U	4.8 U	1.1E-08	1.9E-04	
E-SB-1055	E-SB-1055-1-2	1 - 2			5.6 U	9.6 J	1.8E-08	1.9E-04	
	E-SB-1055-0-1	0 - 1			5.6 U	4.8 U	1.1E-08	1.9E-04	
E-SB-1073	E-SB-1073-0-1	0 - 1			6 U	9 J	1.8E-08	2.0E-04	
	E-SB-1073-1-2	1 - 2			5.8 U	4.9 U	1.1E-08	2.0E-04	
E-SB-1111	E-SB-1111-1-2	1 - 2			5.3 U	9.6 J	1.8E-08	1.8E-04	
	E-SB-1111-0-1	0 - 1			5.4 U	6.1 J	1.4E-08	1.8E-04	
E-SB-1070	E-SB-1070-0-1	0 - 1			5.6 U	9 J	1.8E-08	1.9E-04	
	E-SB-1070-1-2	1 - 2			5.6 U	4.8 U	1.1E-08	1.9E-04	
E-SB-1175	E-SB-1175-0-1	0 - 1			5.4 U	9.3 J	1.8E-08	1.8E-04	
	E-SB-1175-1-2	1 - 2			5.4 U	6.1 J	1.4E-08	1.8E-04	
E-SB-1280	E-SB-1280-0-1	0 - 1		0.74 U	5.5 U	7.6 J	1.6E-08	1.9E-04	
	E-SB-1280-1-2	1 - 2		0.75 U	5.6 U	5.5 J	1.4E-08	1.9E-04	
E-SB-1062	E-SB-1062-0-1-AVG	0 - 1			6.1 U	5.15 U	1.6E-08	2.1E-04	
	E-SB-1062-1-2-AVG	1 - 2			5.45 U	4.65 U	1.1E-08	1.9E-04	
E-SB-1080	E-SB-1080-0-1	0 - 1			5.8 U	6.4 J	1.5E-08	2.0E-04	
	E-SB-1080-1-2	1 - 2			6 U	5.1 U	1.2E-08	2.0E-04	
E-SB-1180	E-SB-1180-0-1	0 - 1			5.1 U	7.3 J	1.5E-08	1.7E-04	
	E-SB-1180-1-2	1 - 2			5.2 U	4.5 J	1.2E-08	1.8E-04	
E-SB-1056	E-SB-1056-0-1	0 - 1			5.7 U	6 J	1.5E-08	1.9E-04	
	E-SB-1056-1-2	1 - 2			5.4 U	4.5 U	1.0E-08	1.8E-04	
E-SB-1226	E-SB-1226-0-1	0 - 1			6 U	5.1 J	1.4E-08	2.0E-04	
	E-SB-1226-1-2	1 - 2			5.4 U	4.6 U	1.1E-08	1.8E-04	
E-SB-1081	E-SB-1081-0-1	0 - 1			5.5 U	5.7 J	1.4E-08	1.9E-04	
	E-SB-1081-1-2	1 - 2			5.7 U	4.8 U	1.1E-08	1.9E-04	
E-SB-1120	E-SB-1120-0-1	0 - 1			5.5 U	5.7 J	1.4E-08	1.9E-04	
	E-SB-1120-1-2	1 - 2			6.1 U	5.1 U	1.2E-08	2.1E-04	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1074	E-SB-1074-0-1	0 - 1			5.4 U	5.8 J	1.4E-08	1.8E-04	
	E-SB-1074-1-2	1 - 2			5.4 U	4.6 U	1.1E-08	1.8E-04	
TCC-SB-1278	TCC-SB-1278-0-1	0 - 1			5.8 U	5 J	1.4E-08	2.0E-04	
	TCC-SB-1278-1-2	1 - 2			6 U	5 U	1.2E-08	2.0E-04	
E-SB-1069	E-SB-1069-0-1	0 - 1			5.2 U	5.5 J	1.3E-08	1.8E-04	
	E-SB-1069-1-2	1 - 2			5.7 U	4.8 U	1.1E-08	1.9E-04	
E-SB-1058	E-SB-1058-0-1	0 - 1			5.5 U	4.6 UJ	1.3E-08	1.9E-04	
	E-SB-1058-1-2	1 - 2			5.5 U	4.6 UJ	1.3E-08	1.9E-04	
E-SB-1207	E-SB-1207-0-1	0 - 1			6.3 U	5.4 U	1.2E-08	2.1E-04	
	E-SB-1207-1-2	1 - 2			5.8 U	4.9 U	1.1E-08	2.0E-04	
E-SB-1705	E-SB-1705-0-1	0 - 1		25.0			1.2E-08	1.2E-04	
	E-SB-1705-1-2	1 - 2		0.75 U			2.1E-10	2.5E-06	
E-SB-1129	E-SB-1129-1-2	1 - 2			6.2 U	5.3 U	1.2E-08	2.1E-04	
	E-SB-1129-0-1	0 - 1			6.2 U	5.2 U	1.2E-08	2.1E-04	
E-SB-1285	E-SB-1285-0-1	0 - 1		0.82 U	6.1 U	5.1 U	1.2E-08	2.1E-04	
	E-SB-1285-1-2	1 - 2		0.74 U	5.6 U	4.7 U	1.1E-08	1.9E-04	
E-SB-1645	E-SB-1645-1-2	1 - 2		24.2			1.2E-08	1.2E-04	
	E-SB-1645-0-1	0 - 1		1.33			6.6E-10	6.7E-06	
E-SB-1083	E-SB-1083-1-2	1 - 2			6.1 U	5.2 U	1.2E-08	2.1E-04	
	E-SB-1083-0-1	0 - 1			6 U	5 U	1.2E-08	2.0E-04	
E-SB-1077	E-SB-1077-1-2	1 - 2			6 U	5 U	1.2E-08	2.0E-04	
	E-SB-1077-0-1	0 - 1			5.5 U	4.6 U	1.1E-08	1.9E-04	
E-SB-1286	E-SB-1286-1-2	1 - 2		0.78 U	5.8 U	4.9 U	1.2E-08	2.0E-04	
	E-SB-1286-0-1	0 - 1		0.73 U	5.4 U	4.6 U	1.1E-08	1.9E-04	
E-SB-1161	E-SB-1161-1-2	1 - 2			5.9 U	5 U	1.2E-08	2.0E-04	
	E-SB-1161-0-1	0 - 1			5.8 U	4.9 U	1.1E-08	2.0E-04	
E-SB-1208	E-SB-1208-1-2	1 - 2			5.9 U	5 U	1.2E-08	2.0E-04	
	E-SB-1208-0-1	0 - 1			5.5 U	4.7 U	1.1E-08	1.9E-04	
E-SB-1287	E-SB-1287-0-1	0 - 1		0.78 U	5.7 U	4.9 U	1.1E-08	2.0E-04	
	E-SB-1287-1-2	1 - 2		0.73 U	5.4 U	4.6 U	1.1E-08	1.9E-04	
E-SB-1057	E-SB-1057-1-2	1 - 2			5.9 U	4.9 U	1.1E-08	2.0E-04	
	E-SB-1057-0-1	0 - 1			5.8 U	4.9 U	1.1E-08	2.0E-04	
E-SB-1072	E-SB-1072-0-1	0 - 1			5.8 U	4.9 U	1.1E-08	2.0E-04	
	E-SB-1072-1-2	1 - 2			5.8 U	4.9 U	1.1E-08	2.0E-04	
E-SB-1131	E-SB-1131-1-2	1 - 2			5.8 U	4.9 U	1.1E-08	2.0E-04	
	E-SB-1131-0-1	0 - 1			5.5 U	4.7 U	1.1E-08	1.9E-04	
E-SB-1235	E-SB-1235-1-2	1 - 2			5.8 U	4.9 U	1.1E-08	2.0E-04	
	E-SB-1235-0-1	0 - 1			5.6 U	4.8 U	1.1E-08	1.9E-04	
E-SB-1059	E-SB-1059-1-2	1 - 2			5.8 U	4.9 U	1.1E-08	2.0E-04	
	E-SB-1059-0-1	0 - 1			5.6 U	4.8 U	1.1E-08	1.9E-04	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1082	E-SB-1082-1-2	1 - 2			5.8 U	4.9 U	1.1E-08	2.0E-04	
	E-SB-1082-0-1	0 - 1			5.6 U	4.8 U	1.1E-08	1.9E-04	
E-SB-1167	E-SB-1167-0-1	0 - 1			5.8 U	4.9 U	1.1E-08	2.0E-04	
	E-SB-1167-1-2	1 - 2			5.4 U	4.6 U	1.1E-08	1.8E-04	
E-SB-1213	E-SB-1213-1-2	1 - 2			5.8 U	4.9 U	1.1E-08	2.0E-04	
	E-SB-1213-0-1	0 - 1			5.6 U	4.8 U	1.1E-08	1.9E-04	
E-SB-1283	E-SB-1283-1-2	1 - 2		0.75 U	5.7 U	4.8 U	1.1E-08	2.0E-04	
	E-SB-1283-0-1	0 - 1		0.75 U	5.5 U	4.7 U	1.1E-08	1.9E-04	
E-SB-1076	E-SB-1076-1-2	1 - 2			5.7 U	4.8 U	1.1E-08	1.9E-04	
	E-SB-1076-0-1	0 - 1			5.5 U	4.6 U	1.1E-08	1.9E-04	
E-SB-1078	E-SB-1078-0-1	0 - 1			5.7 U	4.8 U	1.1E-08	1.9E-04	
	E-SB-1078-1-2	1 - 2			5.7 U	4.8 U	1.1E-08	1.9E-04	
E-SB-1135	E-SB-1135-0-1	0 - 1			5.7 U	4.8 U	1.1E-08	1.9E-04	
	E-SB-1135-1-2	1 - 2			5.6 U	4.7 U	1.1E-08	1.9E-04	
E-SB-1138	E-SB-1138-1-2	1 - 2			5.7 U	4.8 U	1.1E-08	1.9E-04	
	E-SB-1138-0-1	0 - 1			5.2 U	4.4 U	1.0E-08	1.8E-04	
E-SB-1284	E-SB-1284-1-2	1 - 2		0.74 U	5.6 U	4.7 U	1.1E-08	1.9E-04	
	E-SB-1284-0-1	0 - 1		0.73 U	5.4 U	4.6 U	1.1E-08	1.9E-04	
E-SB-1137	E-SB-1137-1-2	1 - 2			5.7 U	4.8 U	1.1E-08	1.9E-04	
	E-SB-1137-0-1	0 - 1			5.6 U	4.7 U	1.1E-08	1.9E-04	
E-SB-1159	E-SB-1159-1-2	1 - 2			5.7 U	4.8 U	1.1E-08	1.9E-04	
	E-SB-1159-0-1	0 - 1			5.6 U	4.7 U	1.1E-08	1.9E-04	
E-SB-1060	E-SB-1060-1-2	1 - 2			5.6 U	4.8 U	1.1E-08	1.9E-04	
	E-SB-1060-0-1	0 - 1			5.6 U	4.7 U	1.1E-08	1.9E-04	
E-SB-1127	E-SB-1127-0-1	0 - 1			5.6 U	4.8 U	1.1E-08	1.9E-04	
	E-SB-1127-1-2	1 - 2			5.6 U	4.7 U	1.1E-08	1.9E-04	
E-SB-1140	E-SB-1140-0-1	0 - 1			5.6 U	4.8 U	1.1E-08	1.9E-04	
	E-SB-1140-1-2	1 - 2			5.3 U	4.5 U	1.0E-08	1.8E-04	
E-SB-1214	E-SB-1214-1-2	1 - 2			5.6 U	4.8 U	1.1E-08	1.9E-04	
	E-SB-1214-0-1	0 - 1			5.5 U	4.7 U	1.1E-08	1.9E-04	
E-SB-1132	E-SB-1132-0-1	0 - 1			5.6 U	4.7 U	1.1E-08	1.9E-04	
	E-SB-1132-1-2	1 - 2			5.5 U	4.7 U	1.1E-08	1.9E-04	
E-SB-1162	E-SB-1162-0-1	0 - 1			5.6 U	4.7 U	1.1E-08	1.9E-04	
	E-SB-1162-1-2	1 - 2			5.6 U	4.7 U	1.1E-08	1.9E-04	
E-SB-1134	E-SB-1134-1-2	1 - 2			5.6 U	4.7 U	1.1E-08	1.9E-04	
	E-SB-1134-0-1	0 - 1			5.4 U	4.5 U	1.0E-08	1.8E-04	
E-SB-1166	E-SB-1166-0-1	0 - 1			5.6 U	4.7 U	1.1E-08	1.9E-04	
	E-SB-1166-1-2	1 - 2			5.4 U	4.6 U	1.1E-08	1.8E-04	
E-SB-1234	E-SB-1234-0-1	0 - 1			5.6 U	4.7 U	1.1E-08	1.9E-04	
	E-SB-1234-1-2	1 - 2			5.2 U	4.4 U	1.0E-08	1.8E-04	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1242	E-SB-1242-1-2	1 - 2			5.6 U	4.7 U	1.1E-08	1.9E-04	
	E-SB-1242-0-1	0 - 1			5.4 U	4.5 U	1.0E-08	1.8E-04	
E-SB-848	E-SB-848-04	0 - 4			1.4 U	8.7 J	1.1E-08	4.8E-05	
E-SB-1130	E-SB-1130-1-2	1 - 2			5.5 U	4.7 U	1.1E-08	1.9E-04	
	E-SB-1130-0-1	0 - 1			5.4 U	4.6 U	1.1E-08	1.8E-04	
E-SB-1160	E-SB-1160-1-2	1 - 2			5.5 U	4.7 U	1.1E-08	1.9E-04	
	E-SB-1160-0-1	0 - 1			5.5 U	4.6 U	1.1E-08	1.9E-04	
E-SB-1210	E-SB-1210-0-1	0 - 1			5.5 U	4.7 U	1.1E-08	1.9E-04	
	E-SB-1210-1-2	1 - 2			5 U	4.2 U	9.7E-09	1.7E-04	
E-SB-1288	E-SB-1288-1-2	1 - 2		0.73 U	5.4 U	4.6 U	1.1E-08	1.9E-04	
	E-SB-1288-0-1	0 - 1		0.71 U	5.3 U	4.5 U	1.1E-08	1.8E-04	
E-SB-1128	E-SB-1128-1-2	1 - 2			5.5 U	4.6 U	1.1E-08	1.9E-04	
	E-SB-1128-0-1	0 - 1			5.4 U	4.5 U	1.1E-08	1.8E-04	
E-SB-1158	E-SB-1158-0-1	0 - 1			5.5 U	4.6 U	1.1E-08	1.9E-04	
	E-SB-1158-1-2	1 - 2			5.5 U	4.6 U	1.1E-08	1.9E-04	
E-SB-1229	E-SB-1229-1-2	1 - 2			5.5 U	4.6 U	1.1E-08	1.9E-04	
	E-SB-1229-0-1-AVG	0 - 1			5.5 U	4.65 U	1.1E-08	1.9E-04	
E-SB-1237	E-SB-1237-1-2	1 - 2			5.5 U	4.6 U	1.1E-08	1.9E-04	
	E-SB-1237-0-1	0 - 1			5.5 U	4.6 U	1.1E-08	1.9E-04	
E-SB-1163	E-SB-1163-1-2	1 - 2			5.5 U	4.6 U	1.1E-08	1.9E-04	
	E-SB-1163-0-1	0 - 1			5.3 U	4.5 U	1.0E-08	1.8E-04	
E-SB-1044	E-SB-1044-1-2	1 - 2			5.4 U	4.6 U	1.1E-08	1.8E-04	
	E-SB-1044-0-1	0 - 1			5.3 U	4.5 U	1.0E-08	1.8E-04	
E-SB-1133	E-SB-1133-1-2-AVG	1 - 2			5.4 U	4.6 U	1.1E-08	1.8E-04	
	E-SB-1133-0-1	0 - 1			5.3 U	4.5 U	1.0E-08	1.8E-04	
E-SB-1139	E-SB-1139-0-1	0 - 1			5.4 U	4.6 U	1.1E-08	1.8E-04	
	E-SB-1139-1-2	1 - 2			5.4 U	4.6 U	1.1E-08	1.8E-04	
E-SB-1157	E-SB-1157-1-2	1 - 2			5.4 U	4.6 U	1.1E-08	1.8E-04	
	E-SB-1157-0-1	0 - 1			5.4 U	4.5 U	1.0E-08	1.8E-04	
E-SB-1212	E-SB-1212-1-2	1 - 2			5.4 U	4.6 U	1.1E-08	1.8E-04	
	E-SB-1212-0-1	0 - 1			5.3 U	4.5 U	1.0E-08	1.8E-04	
E-SB-1209	E-SB-1209-1-2	1 - 2			5.4 U	4.5 U	1.0E-08	1.8E-04	
	E-SB-1209-0-1	0 - 1			5.2 U	4.4 U	1.0E-08	1.8E-04	
E-SB-1126	E-SB-1126-0-1	0 - 1			5.3 U	4.4 U	1.0E-08	1.8E-04	
	E-SB-1126-1-2	1 - 2			5.2 U	4.4 U	1.0E-08	1.8E-04	
E-SB-1266	E-SB-1266-0.5-1	0.5 - 1		19.5			1.0E-08	1.1E-04	
	E-SB-1266-0-0.5	0 - 0.5		9.87			5.0E-09	5.3E-05	
E-SB-1638	E-SB-1638-0-1	0 - 1		12.4			5.9E-09	5.6E-05	
	E-SB-1638-1-2	1 - 2		0.79 U			2.2E-10	2.6E-06	
E-SB-1576	E-SB-1576-1-2	1 - 2	24 U				4.6E-09	9.8E-04	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1642	E-SB-1642-0-1	0 - 1		8.17			3.9E-09	3.7E-05	
	E-SB-1642-1-2	1 - 2		0.74 U			1.0E-09	2.6E-05	
E-SB-1641	E-SB-1641-0-1	0 - 1		7.23			3.7E-09	3.9E-05	
	E-SB-1641-1-2	1 - 2		1.27			9.1E-10	1.4E-05	
E-SB-1704	E-SB-1704-0-1	0 - 1		5.77			2.8E-09	2.7E-05	
	E-SB-1704-1-2	1 - 2		0.76 U			2.1E-10	2.5E-06	
SB-851	E-SB-851-04	0 - 2.5			1.4 U	1.4 U	2.8E-09	4.8E-05	
SB-857	E-SB-857-04	0 - 2.5			1.4 U	1.4 U	2.8E-09	4.8E-05	
SB-849	E-SB-849-04	0 - 4			1.4 U	1.4 U	2.8E-09	4.8E-05	
SB-858	E-SB-858-04	0 - 2.5			1.4 U	1.4 U	2.8E-09	4.8E-05	
SB-859	E-SB-859-04	0 - 2.5			1.3 U	1.3 U	2.6E-09	4.4E-05	
E-SB-1651	E-SB-1651-0-1	0 - 1		2.42			2.0E-09	3.6E-05	
	E-SB-1651-1-2	1 - 2		1.40			6.9E-10	7.0E-06	
E-SB-1578	E-SB-1578-1-2	1 - 2	0.19 U				1.7E-09	5.3E-04	
E-SB-1634	E-SB-1634-0-1	0 - 1		1.76			8.6E-10	8.7E-06	
	E-SB-1634-1-2	1 - 2		0.75 U			2.1E-10	2.5E-06	
E-SB-1656	E-SB-1656-1-2	1 - 2		0.81 U			2.2E-10	2.7E-06	
	E-SB-1656-0-1	0 - 1		0.74 U			2.0E-10	2.5E-06	
E-SB-1659	E-SB-1659-0-1	0 - 1		0.81 U			2.2E-10	2.7E-06	
	E-SB-1659-1-2	1 - 2		0.78 U			2.1E-10	2.6E-06	
E-SB-1709	E-SB-1709-0-1	0 - 1		0.81 U			2.2E-10	2.7E-06	
	E-SB-1709-1-2	1 - 2		0.75 U			2.1E-10	2.5E-06	
E-SB-1654	E-SB-1654-1-2	1 - 2		0.78 U			2.1E-10	2.6E-06	
	E-SB-1654-0-1	0 - 1		0.74 U			2.0E-10	2.5E-06	
E-SB-1708	E-SB-1708-0-1	0 - 1		0.78 U			2.1E-10	2.6E-06	
	E-SB-1708-1-2	1 - 2		0.77 U			2.1E-10	2.6E-06	
E-SB-1652	E-SB-1652-0-1	0 - 1		0.77 U			2.1E-10	2.6E-06	
	E-SB-1652-1-2	1 - 2		0.75 U			2.1E-10	2.5E-06	
E-SB-1710	E-SB-1710-1-2	1 - 2		0.77 U			2.1E-10	2.6E-06	
	E-SB-1710-0-1	0 - 1		0.72 U			2.0E-10	2.4E-06	
E-SB-1488	E-SB-1488-0.5-1	0.5 - 1		0.77 U			2.1E-10	2.6E-06	
	E-SB-1488-0-0.5	0 - 0.5		0.77 U			2.1E-10	2.6E-06	
E-SB-1635	E-SB-1635-0-1	0 - 1		0.77 U			2.1E-10	2.6E-06	
	E-SB-1635-1-2	1 - 2		0.75 U			2.1E-10	2.5E-06	
E-SB-1644	E-SB-1644-1-2	1 - 2		0.76 U			2.1E-10	2.5E-06	
	E-SB-1644-0-1	0 - 1		0.74 U			2.0E-10	2.5E-06	
E-SB-1646	E-SB-1646-1-2	1 - 2		0.76 U			2.1E-10	2.5E-06	
	E-SB-1646-0-1	0 - 1		0.71 U			2.0E-10	2.4E-06	
E-SB-1650	E-SB-1650-1-2	1 - 2		0.76 U			2.1E-10	2.5E-06	
	E-SB-1650-0-1	0 - 1		0.72 U			2.0E-10	2.4E-06	
	E-SB-1636-1-2	1 - 2		0.72 U			2.0E-10	2.4E-06	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Industrial Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1657	E-SB-1657-0-1	0 - 1		0.76 U			2.1E-10	2.5E-06	
	E-SB-1657-1-2	1 - 2		0.76 U			2.1E-10	2.5E-06	
E-SB-1639	E-SB-1639-1-2	1 - 2		0.76 U			2.1E-10	2.5E-06	
	E-SB-1639-0-1	0 - 1		0.73 U			2.0E-10	2.4E-06	
	E-SB-1653-1-2	1 - 2		0.73 U			2.0E-10	2.4E-06	
E-SB-1655	E-SB-1655-1-2	1 - 2		0.76 U			2.1E-10	2.5E-06	
	E-SB-1655-0-1	0 - 1		0.75 U			2.1E-10	2.5E-06	
E-SB-1706	E-SB-1706-0-1	0 - 1		0.76 U			2.1E-10	2.5E-06	
E-SB-1707	E-SB-1707-0-1	0 - 1		0.76 U			2.1E-10	2.5E-06	
E-SB-1703	E-SB-1703-1-2	1 - 2		0.75 U			2.1E-10	2.5E-06	
	E-SB-1703-0-1	0 - 1		0.68 U			1.9E-10	2.3E-06	
E-SB-1711	E-SB-1711-0-1	0 - 1		0.75 U			2.1E-10	2.5E-06	
	E-SB-1711-1-2	1 - 2		0.74 U			2.0E-10	2.5E-06	
E-SB-1640	E-SB-1640-1-2	1 - 2		0.75 U			2.1E-10	2.5E-06	
	E-SB-1640-0-1	0 - 1		0.74 U			2.0E-10	2.5E-06	
E-SB-1702	E-SB-1702-1-2	1 - 2		0.75 U			2.1E-10	2.5E-06	
	E-SB-1702-0-1	0 - 1		0.74 U			2.0E-10	2.5E-06	
	E-SB-1706-1-2	1 - 2		0.74 U			2.0E-10	2.5E-06	
E-SB-1653	E-SB-1653-0-1	0 - 1		0.72 U			2.0E-10	2.4E-06	
E-SB-1580	E-SB-1580-1-2	1 - 2	0.17 U				1.4E-10	4.1E-05	
E-SB-1573	E-SB-1573-1-2	1 - 2	0.18 U				1.1E-10	3.0E-05	
E-SB-1574	E-SB-1574-1-2	1 - 2	0.17 U				9.9E-11	2.8E-05	
E-SB-1579	E-SB-1579-1-2	1 - 2	0.18 U				7.4E-11	1.9E-05	
E-SB-1583	E-SB-1583-1-2	1 - 2	0.19 U				4.5E-11	9.4E-06	
E-SB-1572	E-SB-1572-1-2	1 - 2	0.18 U				4.2E-11	8.8E-06	
E-SB-1575	E-SB-1575-1-2	1 - 2	0.18 U				4.2E-11	8.8E-06	
E-SB-1581	E-SB-1581-1-2	1 - 2	0.18 U				4.1E-11	8.6E-06	
E-SB-1582	E-SB-1582-1-2	1 - 2	0.17 U				3.9E-11	8.3E-06	

Table B-1

Residual Risk Analysis Results - Block E - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland

1 - Sample locations are listed in order from highest to lowest cancer risk.
2 - One half the non-detected value was used for the calculation of benzo(a)pyrene equivalents. If all concentrations were non-detect then the detection limit for benzo(a)pyrene was used as the benzo(a)pyrene equivalent concentration. Original and duplicate samples were averaged when calculating the benzo(a)pyrene equivalent concentration.
3 - Total incremental lifetime cancer risk (ILCR) from exposure to all chemicals of potential concern in soil.
4 - Total hazard index from exposure to all chemicals of potential concern in soil.

A blank space in the concentration column indicates the sample was not analyzed for that parameter.

Shading indicates ILCR exceeds $1x10^{-4}$ or HI exceeds 100 and location is considered to be a "hot spot" according to Maryland Department of Environmental Protection guidance (MDE, 2008).

Samples identified for removal are bolded and italicized.

Red shading indicates Aroclor concentration exceeds safety limit of 25,000 µg/kg.

Sample IDs ending in "AVG" indicate an original sample and duplicate was collected at this depth interval. The average of the original and duplicate sample analytical results are presented.

B - analyte found in blank associated with this sample
1,2,4-TCB - 1,2,4-trichlorobenzene
BaPEq - benzo(a)pyrene equivalent
HI - hazard index
ILCR - incremental lifetime cancer risk
J - estimated value
K - biased high
L - biased low
PRG - preliminary remedial goal
U - not detected
UCL - upper confidence level
µg/kg - microgram per kilogram

Table B-2

Residual Risk Analysis Results - Block E - Subsurface Soil Excluding Four Subareas
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1720	E-SB-1720-10-12	10 - 12			1,000 U	22,000	2.8E-06	6.8E-02	
SB-504	SB-504-0406	4 - 6	0.95 B	2,167	1,900 U	11,000	2.1E-06	8.6E-01	No samples are needed to be removed to meet PRGs for construction workers exposed to 1,2,4-TCB (530,000 µg/kg or 530 mg/kg), BaPEq (10,000 µg/kg or 10 mg/kg), Aroclor 1254 (7,000 ug/kg or 7 mg/kg), and Aroclor 1260 (58,000 ug/kg or 58 mg/kg) and a cumulative cancer risk level of $1x10^{-5}$. Maximum detected concentrations of 1,2,4-TCB (1,800 µg/kg), BaPEq (2,170 µg/kg), Aroclor-1254 (38 J µg/kg) and Aroclor-1260 (22,000 µg/kg) are less than their respective PRGs. Site 95% UCLs are 1,2,4-TCB (223 µg/kg), BaPEq (164 ug/kg), Aroclor 1254 (2.3 ug/kg), and Aroclor 1260 (500 ug/kg). The residual ILCR would be $5x10^{-7}$ and the residual cumulative HI would be 0.7.
	SB-504-0810	8 - 10	0.63 B	287	380 U	2,300	6.4E-07	8.3E-01	
BLI-SB-32	I-SB-32-15	15 - 15	110 J	3.7 U			1.1E-06	1.2E+00	
	I-SB-32-09	9 - 9	750	17.1			5.1E-07	1.2E+00	
E-SB-113A	E-SB-113A-12-14	12 - 14	0.33 J	0.77 U	20 U	20 U	1.1E-06	5.6E-01	
	E-SB-113A-3-4	3 - 4	12	0.75 U	20 U	20 U	4.5E-07	2.2E-01	
	E-SB-113A-4-6	4 - 6	35	0.77 U	20 U	20 U	4.2E-07	2.1E-01	
E-CB-2	E-CB-2-12-14	12 - 14	37 J	3.8 U	20 U	20 U	7.7E-07	2.9E-01	
	E-CB-2-10-12	10 - 12	51		21 U	21 U	2.1E-08	2.5E-03	
	E-CB-2-6-8	6 - 8		4.3 U	22 U	22 U	2.9E-09	1.7E-03	
	E-CB-2-4-6	4 - 6		3.7 U	20 U	20 U	2.6E-09	1.5E-03	
	E-CB-2-16-18	16 - 18			20 U	20 U	2.5E-09	1.4E-03	
	E-CB-2-8-10	8 - 10		3.8 U	19 U	19 U	2.5E-09	1.5E-03	
	E-CB-2-2-4	2 - 4		3.6 U	19 U	19 U	2.5E-09	1.5E-03	
SB-001	SB-1-05	5 - 5	7 U	480 U	72 U	72 U	6.2E-07	2.3E-01	
	SB-1-10	10 - 10	7 U	450 U	67 U	67 U	1.9E-07	1.6E-01	
SB-004	SB-4-05	5 - 5	7 U	531	69 U	69 U	6.2E-07	2.4E-01	
	SB-4-10	10 - 10	7 U	450 U	68 U	68 U	2.3E-07	1.7E-01	
E-SB-114A	E-SB-114A-3-4	3 - 4	0.31 U	0.79 U	21 U	21 U	4.7E-07	2.2E-01	
	E-SB-114A-13-16	13 - 16	330	0.75 U	20 U	20 U	4.3E-07	1.6E-01	
	E-SB-114A-4-6	4 - 6	0.28 U	0.76 U	21 U	21 U	4.1E-07	1.9E-01	
SB-835	E-SB-835-09	9 - 9			200 U	3,500	4.5E-07	1.4E-02	
	E-SB-835-05	5 - 5			21 U	310	4.0E-08	1.4E-03	
	E-SB-835-13	13 - 13			21 U	190	2.5E-08	1.4E-03	
	E-SB-835-07	7 - 7			21 U	94	1.3E-08	1.4E-03	
	E-SB-835-11	11 - 11			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-835-15	15 - 15			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-835-03	3 - 3			19 U	19 U	2.4E-09	1.3E-03	
E-CB-13	E-CB-13-10-12	10 - 12	2.1 J	4.1 U	21 U	21 U	4.3E-07	1.7E-01	
	E-CB-13-2-4	2 - 4		4.3 U	23 U	23 U	3.0E-09	1.8E-03	
	E-CB-13-4-6	4 - 6		6.58	20 U	20 U	2.9E-09	2.0E-03	
	E-CB-13-8-10	8 - 10		4.3 U	22 U	22 U	2.9E-09	1.7E-03	
	E-CB-13-6-8	6 - 8		4.1 U	21 U	21 U	2.8E-09	1.6E-03	
	E-CB-13-14-16	14 - 16			21 U	21 U	2.7E-09	1.4E-03	
	E-CB-13-18-20	18 - 20			19 U	19 U	2.4E-09	1.3E-03	
SB-006	SB-6-10	10 - 10	7 U	440 U	66 U	66 U	3.9E-07	1.6E-01	
	SB-6-05	5 - 5	7 U	430 U	65 U	65 U	1.2E-07	1.3E-01	
SB-518	SB-518-0406	4 - 6	6 U	400 U	40 U	40 U	3.6E-07	4.0E-01	
	SB-518-0810	8 - 10	6.5 U	430 U	43 U	43 U	1.5E-07	2.0E-01	

Table B-2

Residual Risk Analysis Results - Block E - Subsurface Soil Excluding Four Subareas
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
SB-514	SB-514-0406	4 - 6	6 U	400 U	40 U	40 U	3.6E-07	1.3E+00	
	SB-514-0810-AVG	8 - 10	5.9 U	390 U	39 U	39 U	3.5E-07	1.0E+00	
SB-503	SB-503-1012	10 - 12	5.9 U	390 U	39 U	39 U	3.4E-07	5.0E-01	
	SB-503-0406	4 - 6	6.1 U	234.499	200 U	380	1.4E-07	7.7E-02	
SB-507	SB-507-0406	4 - 6	6.2 U	410 U	41 U	41 U	3.4E-07	3.5E-01	
	SB-507-0810	8 - 10	5.8 U	380 U	38 U	38 U	1.9E-07	1.3E-01	
SB-513	SB-513-0406	4 - 6	5.9 U	432	39 U	39 U	3.3E-07	3.4E-01	
	SB-513-0810	8 - 10	5.8 U	390 U	39 U	39 U	8.8E-08	8.5E-02	
SB-517	SB-517-0810	8 - 10	6.1 U	240	40 U	190	3.1E-07	3.7E-01	
	SB-517-0406	4 - 6	6.1 U	400 U	40 U	40 U	2.4E-07	5.4E-01	
E-SB-833F	E-SB-833F-06	6 - 6	1,800	4 U	210 U	2,300	3.1E-07	1.9E-02	
	E-SB-833F-10	10 - 10	720	4.1 U	210 U	1,000	1.4E-07	1.7E-02	
	E-SB-833F-04	4 - 4	1,500	3.9 U	20 U	250	3.7E-08	5.4E-03	
	E-SB-833F-08	8 - 8	1,500	4.1 U	21 U	100	1.8E-08	5.5E-03	
SB-520	SB-520-0406	4 - 6	6.1 U	400 U	40 U	40 U	3.0E-07	3.3E-01	
	SB-520-0810	8 - 10	6 U	424	40 U	40 U	2.5E-07	2.9E-01	
SB-515	SB-515-0810	8 - 10	6.2 U	455	41 U	19 J	3.0E-07	1.2E+00	
	SB-515-0406	4 - 6	6.1 U	400 U	40 U	40 U	2.5E-07	5.8E-01	
SB-509	SB-509-0810	8 - 10	5.7 U	380 U	38 U	38 U	2.9E-07	2.4E-01	
	SB-509-0406	4 - 6	5.8 U	380 U	38 U	38 U	2.7E-07	2.4E-01	
E-SB-962	E-SB-962-2-3	2 - 3		3.7 U	19 U	19 U	2.8E-07	1.5E-01	
SB-506	SB-506-0406	4 - 6	5.8 U	380 U	38 U	38 U	2.7E-07	2.9E-01	
	SB-506-0810	8 - 10	6.4 U	420 U	42 U	20 J	1.7E-07	2.1E-01	
SB-508	SB-508-0810	8 - 10	6 U	400 U	40 U	40 U	2.7E-07	1.9E-01	
	SB-508-0406-AVG	4 - 6	5.85 U	390 U	39 U	39 U	2.1E-07	4.1E-01	
SB-035	SB-35-04	4 - 4	6 U	390 U	280 U	280 U	2.5E-07	1.4E-01	
SB-512	SB-512-0810-AVG	8 - 10	6.3 U	379	41.5 U	35.5	2.4E-07	5.1E-01	
	SB-512-0406	4 - 6	5.7 U	380 U	38 U	38 U	2.1E-07	2.7E-01	
SB-510	SB-510-0810-AVG	8 - 10	5.8 U	230	38.5 U	16 J	2.0E-07	3.3E-01	
	SB-510-0406	4 - 6	5.8 U	380 U	38 U	38 U	1.6E-07	2.2E-01	
SB-519	SB-519-0406	4 - 6	5.8 U	380 U	38 U	38 U	2.0E-07	2.5E-01	
	SB-519-0810	8 - 10	5.8 U	380 U	38 U	38 U	1.7E-07	1.8E-01	
E-SB-1361	MRC-E-SB-1361-20	18 - 20	6.3 U				1.8E-07	1.5E+00	
	MRC-E-SB-1361-15	13 - 15	7.7 U				4.2E-08	3.3E-01	
E-SB-1412	E-SB-1412-13-14	13 - 14		34.19	17 U	140	1.8E-07	2.8E-02	
SB-002	SB-2-05	5 - 5	7 U	440 U	67 U	67 U	1.5E-07	1.6E-01	
	SB-2-10	10 - 10	7 U	440 U	66 U	66 U	1.1E-07	1.4E-01	
E-SB-971	E-SB-971-2-3	2 - 3		3.8 U	20 U	20 U	1.5E-07	1.2E-01	
SB-003	SB-3-05	5 - 5	7 U	440 U	65 U	65 U	1.4E-07	1.5E-01	
	SB-3-10	10 - 10	7 U	440 U	66 U	66 U	1.4E-07	1.5E-01	

Table B-2

Residual Risk Analysis Results - Block E - Subsurface Soil Excluding Four Subareas
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
SB-005	SB-5-05	5 - 5	6 U	420 U	64 U	64 U	1.2E-07	1.4E-01	
	SB-5-10	10 - 10	7 U	450 U	68 U	68 U	1.0E-07	1.4E-01	
SB-511	SB-511-0810	8 - 10	6.3 U	410 U	41 U	41 U	1.0E-07	8.5E-02	
	SB-511-0406	4 - 6	5.9 U	413	39 U	16 J	9.4E-08	7.9E-02	
SB-566	SB-566-4	4 - 4			95 U	700	9.3E-08	6.5E-03	
	SB-566-6	6 - 6			20 U	20 U	2.5E-09	1.4E-03	
	SB-566-8	8 - 8			20 U	20 U	2.5E-09	1.4E-03	
E-VB-05	E-VB-5-070213-02	0 - 2			190 U	620	8.9E-08	1.3E-02	
E-SB-1444	E-SB-1444-4-6	4 - 6			17 U	620	7.8E-08	1.2E-03	
	E-SB-1444-2-4	2 - 4			16 U	270	3.5E-08	1.1E-03	
	E-SB-1444-6-8-AVG	6 - 8			17.5 U	11 UJ	2.5E-09	1.2E-03	
E-VB-13	E-VB-13-072913-0-3-AVG	0 - 3	0.245 U	501	99 U	340	7.8E-08	5.4E-02	
SB-828	E-SB-828-11	11 - 11			100 U	280	4.1E-08	6.8E-03	
	E-SB-828-03	3 - 3			20 U	300	3.9E-08	1.4E-03	
	E-SB-828-09	9 - 9			21 U	130	1.8E-08	1.4E-03	
	E-SB-828-13	13 - 13			24 U	61	9.1E-09	1.6E-03	
	E-SB-828-15	15 - 15			22 U	40 J	6.4E-09	1.5E-03	
SB-840	E-SB-840-13	13 - 13			99 U	240	3.6E-08	6.8E-03	
	E-SB-840-15	15 - 15			21 U	21 U	2.7E-09	1.4E-03	
	E-SB-840-05-AVG	5 - 5			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-840-07	7 - 7			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-840-09	9 - 9			19 U	19 U	2.4E-09	1.3E-03	
	E-SB-840-11	11 - 11			19 U	19 U	2.4E-09	1.3E-03	
	E-SB-840-03	3 - 3			18 U	18 U	2.3E-09	1.2E-03	
E-SB-1542	E-SB-1542-8-10	8 - 10			17 U	250	3.2E-08	1.2E-03	
	E-SB-1542-10-12	10 - 12			18 U	76	1.1E-08	1.2E-03	
	E-SB-1542-6-8	6 - 8			17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1542-12-14	12 - 14			17 U	21 U	2.4E-09	1.2E-03	
	E-SB-1542-14-16-AVG	14 - 16			16.5 U	21.5 U	2.4E-09	1.1E-03	
	E-SB-1542-2-4	2 - 4			16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1542-4-6	4 - 6			16 U	20 U	2.3E-09	1.1E-03	
E-SB-1360	MRC-E-SB-1360-15	13 - 15	0.22 U				2.9E-08	2.3E-01	
	MRC-E-SB-1360-20	18 - 20	6.4 U				1.6E-08	1.2E-01	
	MRC-E-SB-1360-5	3 - 5	0.22 U				4.7E-09	3.6E-02	
	MRC-E-SB-1360-10	8 - 10	0.29 U				3.3E-09	2.6E-02	
E-SB-979	E-SB-979-3-4	3 - 4		362	19 U	19 U	2.4E-08	3.5E-02	
	E-SB-979-2-3	2 - 3		3.7 U	19 U	19 U	2.5E-09	1.5E-03	
E-SB-973	E-SB-973-2-3	2 - 3		322	20 U	20 U	2.1E-08	3.1E-02	
	E-SB-973-3-4	3 - 4		58.6	19 U	19 U	5.8E-09	6.8E-03	
SB-558	SB-558-4	4 - 4			19 U	140	1.9E-08	1.3E-03	

Table B-2

Residual Risk Analysis Results - Block E - Subsurface Soil Excluding Four Subareas
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1537	E-SB-1537-2-4	2 - 4			17 U	140	1.9E-08	1.2E-03	
	E-SB-1537-10-12-AVG	10 - 12			23.75	21 U	4.4E-09	3.2E-03	
	E-SB-1537-14-16	14 - 16			19 U	24 U	2.7E-09	1.3E-03	
	E-SB-1537-4-6	4 - 6			17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1537-8-10	8 - 10			17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1537-12-14	12 - 14			17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1537-6-8	6 - 8			16 U	21 U	2.3E-09	1.1E-03	
E-SB-975	E-SB-975-3-4	3 - 4		246	20 U	20 U	1.7E-08	2.4E-02	
	E-SB-975-2-3	2 - 3		116	19 U	19 U	9.2E-09	1.2E-02	
SB-819	E-SB-819-03	3 - 3			18 U	96	1.3E-08	1.2E-03	
	E-SB-819-09	9 - 9			20 U	54	8.0E-09	1.4E-03	
	E-SB-819-13	13 - 13			21 U	21 U	2.7E-09	1.4E-03	
	E-SB-819-05	5 - 5			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-819-11	11 - 11			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-819-15	15 - 15			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-819-07-AVG	7 - 7			17.5 U	17.5 U	2.2E-09	1.2E-03	
E-SB-1478	E-SB-1478-2-3	2 - 3			16 U	69	9.6E-09	1.1E-03	
	E-SB-1478-3-4	3 - 4			17 U	14 J	2.8E-09	1.2E-03	
SB-832	E-SB-832-05	5 - 5			20 U	63	9.1E-09	1.4E-03	
	E-SB-832-15	15 - 15			22 U	33 J	5.5E-09	1.5E-03	
	E-SB-832-07	7 - 7			24 U	24 U	3.0E-09	1.6E-03	
	E-SB-832-09	9 - 9			22 U	22 U	2.8E-09	1.5E-03	
	E-SB-832-13	13 - 13			22 U	22 U	2.8E-09	1.5E-03	
	E-SB-832-11	11 - 11			21 U	21 U	2.7E-09	1.4E-03	
SB-839	E-SB-839-13	13 - 13			21 U	51	7.7E-09	1.4E-03	
	E-SB-839-09	9 - 9			20 U	27 J	4.6E-09	1.4E-03	
	E-SB-839-03	3 - 3			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-839-05	5 - 5			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-839-07	7 - 7			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-839-11	11 - 11			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-839-15	15 - 15			20 U	20 U	2.5E-09	1.4E-03	
E-SB-1536	E-SB-1536-10-12	10 - 12			17 U	50 J	7.3E-09	1.2E-03	
	E-SB-1536-4-6	4 - 6			17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1536-6-8	6 - 8			17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1536-12-14	12 - 14			17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1536-14-16	14 - 16			17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1536-8-10	8 - 10			17 U	21 U	2.4E-09	1.2E-03	
	E-SB-1536-2-4	2 - 4			16 U	21 U	2.3E-09	1.1E-03	

Table B-2

Residual Risk Analysis Results - Block E - Subsurface Soil Excluding Four Subareas
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
SB-821	E-SB-821-09-AVG	9 - 9			21.5 U	41.5	6.5E-09	1.5E-03	
	E-SB-821-05	5 - 5			19 U	37 J	5.8E-09	1.3E-03	
	E-SB-821-03	3 - 3			21 U	21 U	2.7E-09	1.4E-03	
	E-SB-821-15	15 - 15			21 U	21 U	2.7E-09	1.4E-03	
	E-SB-821-07	7 - 7			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-821-11	11 - 11			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-821-13	13 - 13			20 U	20 U	2.5E-09	1.4E-03	
E-SB-956	E-SB-956-2-3	2 - 3		27.2	20 U	29 J	6.5E-09	3.9E-03	
	E-SB-956-3-4	3 - 4		29.6	19 U	19 U	4.1E-09	4.1E-03	
SB-824	E-SB-824-05	5 - 5			19 U	37	5.8E-09	1.3E-03	
	E-SB-824-09	9 - 9			21 U	21 U	2.7E-09	1.4E-03	
	E-SB-824-11	11 - 11			21 U	21 U	2.7E-09	1.4E-03	
	E-SB-824-13	13 - 13			21 U	21 U	2.7E-09	1.4E-03	
	E-SB-824-07-AVG	7 - 7			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-824-15	15 - 15			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-824-03	3 - 3			19 U	19 U	2.4E-09	1.3E-03	
E-SB-1446	E-SB-1446-2-4	2 - 4			17 U	37 J	5.7E-09	1.2E-03	
	E-SB-1446-4-6	4 - 6			18 U	11 UJ	2.5E-09	1.2E-03	
	E-SB-1446-6-8	6 - 8			17 U	11 UJ	2.5E-09	1.2E-03	
SB-830	E-SB-830-13	13 - 13			22 U	33 J	5.5E-09	1.5E-03	
	E-SB-830-09	9 - 9			21 U	21 U	2.7E-09	1.4E-03	
	E-SB-830-15	15 - 15			21 U	21 U	2.7E-09	1.4E-03	
	E-SB-830-03	3 - 3			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-830-05	5 - 5			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-830-07	7 - 7			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-830-11-AVG	11 - 11			20 U	20 U	2.5E-09	1.4E-03	
SB-829	E-SB-829-13	13 - 13			21 U	33 J	5.5E-09	1.4E-03	
	E-SB-829-07	7 - 7			23 U	23 UJ	4.3E-09	1.6E-03	
	E-SB-829-11	11 - 11			22 U	22 UJ	4.2E-09	1.5E-03	
	E-SB-829-15	15 - 15			21 U	21 UJ	4.0E-09	1.4E-03	
	E-SB-829-03	3 - 3			20 U	20 UJ	3.8E-09	1.4E-03	
	E-SB-829-09	9 - 9			20 U	20 UJ	3.8E-09	1.4E-03	
	E-SB-829-05	5 - 5			20 U	20 UJ	3.8E-09	1.4E-03	
E-SB-1541	E-SB-1541-10-12	10 - 12			16 U	32 J	5.0E-09	1.1E-03	
	E-SB-1541-4-6	4 - 6			17 U	29 J	4.7E-09	1.2E-03	
	E-SB-1541-14-16	14 - 16			17 U	21 U	2.4E-09	1.2E-03	
	E-SB-1541-2-4	2 - 4			16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1541-6-8	6 - 8			16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1541-8-10	8 - 10			16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1541-12-14	12 - 14			16 U	21 U	2.3E-09	1.1E-03	

Table B-2

Residual Risk Analysis Results - Block E - Subsurface Soil Excluding Four Subareas
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
SB-859	E-SB-859-20	16 - 20			38 J	1.4 U	5.0E-09	5.2E-03	
	E-SB-859-16	12 - 16			21 J	1.5 U	2.8E-09	2.9E-03	
	E-SB-859-08	5 - 8			1.4 U	1.4 U	1.8E-10	9.6E-05	
	E-SB-859-12	10 - 12			1.4 U	1.4 U	1.8E-10	9.6E-05	
SB-836	E-SB-836-13	13 - 13			22 U	26 J	4.6E-09	1.5E-03	
	E-SB-836-05	5 - 5			20 U	22 J	4.0E-09	1.4E-03	
	E-SB-836-03	3 - 3			23 U	23 U	2.9E-09	1.6E-03	
	E-SB-836-09	9 - 9			22 U	22 U	2.8E-09	1.5E-03	
	E-SB-836-07	7 - 7			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-836-11	11 - 11			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-836-15	15 - 15			20 U	20 U	2.5E-09	1.4E-03	
E-SB-1718	E-SB-1718-2-3	2 - 3			26 J	21 U	4.6E-09	3.5E-03	
	E-SB-1718-3-4	3 - 4			16 U	21 U	2.3E-09	1.1E-03	
SB-557	SB-557-4	4 - 4			27	18 U	4.6E-09	3.7E-03	
E-SB-972	E-SB-972-3-4	3 - 4		25.2	19 U	19 U	3.9E-09	3.6E-03	
	E-SB-972-2-3	2 - 3		16.8	19 U	19 U	3.4E-09	2.9E-03	
SB-858	E-SB-858-20	16 - 18			28 J	1.4 UL	3.8E-09	3.8E-03	
	E-SB-858-12	10 - 12			1.5 U	1.5 U	1.9E-10	1.0E-04	
	E-SB-858-08	5 - 8			1.3 U	1.3 U	1.6E-10	8.9E-05	
E-SB-1443	E-SB-1443-2-4	2 - 4			17 U	21 J	3.7E-09	1.2E-03	
	E-SB-1443-4-6	4 - 6			17 U	21 J	3.7E-09	1.2E-03	
	E-SB-1443-6-8	6 - 8			17 U	11 U	1.8E-09	1.2E-03	
S-SB-964	S-SB-964-2-3	2 - 3		61.8			3.6E-09	5.8E-03	
	S-SB-964-3-4	3 - 4		26.3			1.5E-09	2.5E-03	
E-SB-1442	E-SB-1442-6-8	6 - 8			17 U	16 J	3.1E-09	1.2E-03	
	E-SB-1442-2-4	2 - 4	1.6 U	13.8	18 U	11 U	2.9E-09	2.7E-03	
	E-SB-1442-4-6	4 - 6			17 U	11 U	1.8E-09	1.2E-03	
SB-818	E-SB-818-15	15 - 15			23 U	23 U	2.9E-09	1.6E-03	
	E-SB-818-05	5 - 5			22 U	22 U	2.8E-09	1.5E-03	
	E-SB-818-09	9 - 9			22 U	22 U	2.8E-09	1.5E-03	
	E-SB-818-07	7 - 7			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-818-11	11 - 11			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-818-13	13 - 13			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-818-03	3 - 3			18 U	18 U	2.3E-09	1.2E-03	
SB-822	E-SB-822-13	13 - 13			23 U	23 U	2.9E-09	1.6E-03	
	E-SB-822-05-AVG	5 - 5			21 U	21 U	2.7E-09	1.4E-03	
	E-SB-822-03	3 - 3			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-822-07	7 - 7			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-822-09	9 - 9			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-822-11	11 - 11			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-822-15	15 - 15			20 U	20 U	2.5E-09	1.4E-03	

Table B-2

Residual Risk Analysis Results - Block E - Subsurface Soil Excluding Four Subareas
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
SB-825	E-SB-825-13	13 - 13			22 U	22 U	2.8E-09	1.5E-03	
	E-SB-825-05	5 - 5			21 U	21 U	2.7E-09	1.4E-03	
	E-SB-825-15	15 - 15			21 U	21 U	2.7E-09	1.4E-03	
	E-SB-825-07	7 - 7			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-825-09	9 - 9			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-825-11	11 - 11			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-825-03	3 - 3			19 U	19 U	2.4E-09	1.3E-03	
S-SB-963	S-SB-963-2-2.5	2 - 2.5		4.1 U	21 U	21 U	2.8E-09	1.6E-03	
SB-857	E-SB-857-08	7.5 - 8			1.4 U	21 J	2.7E-09	9.6E-05	
	E-SB-857-20	16 - 20			1.4 U	1.4 U	1.8E-10	9.6E-05	
	E-SB-857-12	11.5 - 12			1.3 U	1.3 U	1.6E-10	8.9E-05	
	E-SB-857-16	12 - 16			1.3 U	1.3 U	1.6E-10	8.9E-05	
SB-820	E-SB-820-13	13 - 13			21 U	21 U	2.7E-09	1.4E-03	
	E-SB-820-05	5 - 5			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-820-09	9 - 9			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-820-15	15 - 15			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-820-03	3 - 3			19 U	19 U	2.4E-09	1.3E-03	
	E-SB-820-07	7 - 7			19 U	19 U	2.4E-09	1.3E-03	
	E-SB-820-11	11 - 11			19 U	19 U	2.4E-09	1.3E-03	
SB-823	E-SB-823-05	5 - 5			21 U	21 U	2.7E-09	1.4E-03	
	E-SB-823-07	7 - 7			21 U	21 U	2.7E-09	1.4E-03	
SB-826	E-SB-826-11	11 - 11			21 U	21 U	2.7E-09	1.4E-03	
	E-SB-826-05	5 - 5			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-826-07	7 - 7			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-826-09-AVG	9 - 9			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-826-13	13 - 13			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-826-15	15 - 15			20 U	20 U	2.5E-09	1.4E-03	
E-SB-970	E-SB-970-2-3	2 - 3		3.9 U	20 U	20 U	2.6E-09	1.5E-03	
	E-SB-974-2-3	2 - 3		3.9 U	20 U	20 U	2.6E-09	1.5E-03	
	E-SB-974-3-4	3 - 4		3.8 U	20 U	20 U	2.6E-09	1.5E-03	
E-SB-969	E-SB-969-2-3	2 - 3		3.8 U	20 U	20 U	2.6E-09	1.5E-03	
E-SB-1440	E-SB-1440-2-4	2 - 4			17 U	12 J	2.6E-09	1.2E-03	
	E-SB-1440-8-10	8 - 10			17 U	11 UJ	2.5E-09	1.2E-03	
	E-SB-1440-14-16	14 - 16			17 U	11 UJ	2.5E-09	1.2E-03	
	E-SB-1440-4-6	4 - 6			18 U	12 U	1.9E-09	1.2E-03	
	E-SB-1440-6-8	6 - 8			17 U	11 U	1.8E-09	1.2E-03	
	E-SB-1440-10-12	10 - 12			17 U	11 U	1.8E-09	1.2E-03	
	E-SB-1440-12-14	12 - 14			17 U	11 U	1.8E-09	1.2E-03	
SB-541A	SB-541A-4	4 - 4			20 U	20 U	2.5E-09	1.4E-03	
SB-542	SB-542-3	3 - 3			20 U	20 U	2.5E-09	1.4E-03	
	SB-542-4	4 - 4			20 U	20 U	2.5E-09	1.4E-03	

Table B-2

Residual Risk Analysis Results - Block E - Subsurface Soil Excluding Four Subareas
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
SB-545	SB-545-4	4 - 4			20 U	20 U	2.5E-09	1.4E-03	
SB-550A	SB-550A-3	3 - 3			20 U	20 U	2.5E-09	1.4E-03	
	SB-550A-4	4 - 4			20 U	20 U	2.5E-09	1.4E-03	
SB-563	SB-563-4	4 - 4			20 U	20 U	2.5E-09	1.4E-03	
E-SB-1445	E-SB-1445-6-8	6 - 8			18 U	11 UJ	2.5E-09	1.2E-03	
	E-SB-1445-2-4	2 - 4			17 U	11 UJ	2.5E-09	1.2E-03	
	E-SB-1445-4-6	4 - 6			17 U	11 UJ	2.5E-09	1.2E-03	
E-SB-1538	E-SB-1538-2-4	2 - 4			17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1538-4-6	4 - 6			17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1538-6-8	6 - 8			17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1538-8-10	8 - 10			17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1538-10-12	10 - 12			17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1538-12-14	12 - 14			17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1538-14-16	14 - 16			17 U	22 U	2.5E-09	1.2E-03	
E-SB-1539	E-SB-1539-8-10	8 - 10			17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1539-6-8	6 - 8			17 U	21 U	2.4E-09	1.2E-03	
	E-SB-1539-10-12	10 - 12			17 U	21 U	2.4E-09	1.2E-03	
	E-SB-1539-12-14-AVG	12 - 14			16.5 U	21 U	2.4E-09	1.1E-03	
	E-SB-1539-2-4	2 - 4			16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1539-4-6	4 - 6			16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1539-14-16	14 - 16			16 U	21 U	2.3E-09	1.1E-03	
E-SB-955	E-SB-955-2-3	2 - 3		9.2 U	17 U	17 U	2.4E-09	1.6E-03	
	E-SB-955-3-4	3 - 4		3.5 U	18 U	18 U	2.4E-09	1.4E-03	
E-VB-06	E-VB-6-070213-02	0 - 2			19 U	19 U	2.4E-09	1.3E-03	
SB-543A	SB-543A-3	3 - 3			19 U	19 U	2.4E-09	1.3E-03	
	SB-543A-4	4 - 4			19 U	19 U	2.4E-09	1.3E-03	
SB-559	SB-559-6	6 - 6			19 U	19 U	2.4E-09	1.3E-03	
	SB-559-8	8 - 8			19 U	19 U	2.4E-09	1.3E-03	
	SB-559-4	4 - 4			18 U	18 U	2.3E-09	1.2E-03	
SB-560	SB-560-4	4 - 4			19 U	19 U	2.4E-09	1.3E-03	
SB-564	SB-564-4	4 - 4			19 U	19 U	2.4E-09	1.3E-03	
SB-565	SB-565-4	4 - 4			19 U	19 U	2.4E-09	1.3E-03	
SB-567	SB-567-4	4 - 4			19 U	19 U	2.4E-09	1.3E-03	
E-SB-1540	E-SB-1540-2-4	2 - 4			17 U	21 U	2.4E-09	1.2E-03	
	E-SB-1540-4-6	4 - 6			17 U	21 U	2.4E-09	1.2E-03	
	E-SB-1540-6-8	6 - 8			17 U	21 U	2.4E-09	1.2E-03	
	E-SB-1540-8-10	8 - 10			17 U	21 U	2.4E-09	1.2E-03	
	E-SB-1540-14-16	14 - 16			17 U	21 U	2.4E-09	1.2E-03	
	E-SB-1540-10-12	10 - 12			16 U	21 U	2.3E-09	1.1E-03	
E-SB-1540	E-SB-1540-12-14	12 - 14			16 U	21 U	2.3E-09	1.1E-03	
E-SB-1458	E-SB-1458-2-3	2 - 3			18 U	11 U	1.8E-09	1.2E-03	

Table B-2

Residual Risk Analysis Results - Block E - Subsurface Soil Excluding Four Subareas
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1441	E-SB-1441-4-6-AVG	4 - 6			17.5 U	11 U	1.8E-09	1.2E-03	
	E-SB-1441-2-4	2 - 4			17 U	11 U	1.8E-09	1.2E-03	
	E-SB-1441-6-8	6 - 8			16 U	11 U	1.7E-09	1.1E-03	
E-SB-1439	E-SB-1439-2-4	2 - 4			17 U	11 U	1.8E-09	1.2E-03	
	E-SB-1439-4-6	4 - 6			17 U	11 U	1.8E-09	1.2E-03	
	E-SB-1439-6-8	6 - 8			17 U	11 U	1.8E-09	1.2E-03	
E-SB-1457	E-SB-1457-2-3	2 - 3			17 U	11 U	1.8E-09	1.2E-03	
E-SB-1459	E-SB-1459-2-3-AVG	2 - 3			17 U	11 U	1.8E-09	1.2E-03	
E-SB-1460	E-SB-1460-2-3	2 - 3			17 U	11 U	1.8E-09	1.2E-03	
E-SB-968	E-SB-968-2-3	2 - 3		16.6			9.7E-10	1.5E-03	
	E-SB-968-3-4	3 - 4		4.98			2.9E-10	4.6E-04	
E-SB-1359	MRC-E-SB-1359-20	18 - 20	0.19 U				7.9E-10	6.2E-03	
	MRC-E-SB-1359-15	13 - 15	0.22 U				1.9E-10	1.3E-03	
E-SB-959	E-SB-959-2-3	2 - 3		10.2			6.0E-10	9.5E-04	
	E-SB-959-3-4	3 - 4		4.8 U			1.4E-10	2.2E-04	

1 - Sample locations are listed in order from highest to lowest cancer risk.
2 - One half the non-detected value was used for the calculation of benzo(a)pyrene equivalents. If all concentrations were non-detect then the detection limit for benzo(a)pyrene was used as the benzo(a)pyrene equivalent concentration. Original and duplicate samples were averaged when calculating the benzo(a)pyrene equivalent concentration.
3 - Total incremental lifetime cancer risk from exposure to all chemicals of potential concern in soil.
4 - Total hazard index from exposure to all chemicals of potential concern in soil.

A blank space in the concentration column indicates the sample was not analyzed for that parameter.

Sample IDs ending in "AVG" indicate an original sample and duplicate was collected at this depth interval. The average of the original and duplicate sample analytical results are presented.

B - analyte found in blank associated with this sample
1,2,4-TCB - 1,2,4-trichlorobenzene
BaPEq - benzo(a)pyrene equivalent
HI - hazard index
ILCR - incremental lifetime cancer risk
J - estimated value
L - biased low
PRG - preliminary remedial goal
U - not detected
UCL - upper confidence level
µg/kg - microgram per kilogram

Table B-3

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #2 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
						Total ILCR[3]	Total HI[4]	
Samples Needing Removal to Achieve an 95% UCL that Meets PRGs.								
E-SB-1499	***E-SB-1499-2-4***	*2 - 4*		*86,000 U*	*3,000,000*	*3.8E-04*	*5.9E+00*	Samples needing removal to meet preliminary remediation goals (PRGs) for construction workers exposed to BaPEq (10,000 µg/kg, or 10 mg/kg), Aroclor 1254 (7,000 µg/kg or 7 mg/kg) and Aroclor 1260 (58,000 µg/kg, or 58 mg/kg) and a cumulative cancer risk level of $1x10^{-5}$. Site 95% upper confidence levels (UCL) BaPEq (145 µg/kg), Aroclor 1254 (95 µg/kg), and Aroclor 1260 (47,700 µg/kg). The residual ILCR would be $6x10^{-6}$ and the residual HI would be 0.5.
	E-SB-1499-4-6	*4 - 6*		*8,300 U*	*130,000*	*1.7E-05*	*5.7E-01*	
	E-SB-1499-6-8	*6 - 8*		*810,000 U*	*9,400,000*	*1.2E-03*	*5.5E+01*	
E-SB-1494	***E-SB-1494-2-4***	*2 - 4*		*18 U*	*400*	*5.1E-08*	*1.2E-03*	
	E-SB-1494-4-6	*4 - 6*		*81 U*	*1,200 J*	*1.5E-07*	*5.5E-03*	
	E-SB-1494-6-8	*6 - 8*		*170 U*	*3,000*	*3.8E-07*	*1.2E-02*	
	E-SB-1494-8-10	*8 - 10*		*170 U*	*3,700*	*4.7E-07*	*1.2E-02*	
	E-SB-1494-10-12	*10 - 12*		*89 U*	*1,000*	*1.3E-07*	*6.1E-03*	
	E-SB-1494-12-14	*12 - 14*		*810,000 U*	*2,300,000*	*3.4E-04*	*5.5E+01*	
	E-SB-1494-14-16	14 - 16		1,600 U	49,000	6.2E-06	1.1E-01	
E-SB-1740	***E-SB-1740-6-8-AVG***	*6 - 8*		*1,700 U*	*52,000*	*6.8E-06*	*3.7E-01*	
	E-SB-1740-8-10	*8 - 10*		*1,800 U*	*45,000*	*6.1E-06*	*5.1E-01*	
	E-SB-1740-10-12	*10 - 12*		*17,000 U*	*1,100,000*	*1.4E-04*	*1.5E+00*	
	E-SB-1740-12-14	*12 - 14*		*1,700 U*	*110,000*	*1.4E-05*	*5.6E-01*	
	E-SB-1740-14-16	14 - 16		35 U	2,800	9.5E-07	4.2E-01	
	E-SB-1740-16-18	16 - 18		78 U	4,800	9.6E-07	4.9E-01	
	E-SB-1740-18-20	18 - 20		170 U	16,000	2.2E-06	3.2E-01	
Additional Samples Included with PCB Concentrations Greater than 100,000 µg/kg or 100 mg/kg								
E-SB-1495	***E-SB-1495-2-4***	*2 - 4*		*330 U*	*5,200*	*6.7E-07*	*2.3E-02*	Additonal samples included with PCB concentrations greater than 100 mg/kg. Site 95% upper confidence levels (UCL) BaPEq (9.8 ug/kg), Aroclor 1254 (95 µg/kg), and Aroclor 1260 (4,550 µg/kg). The residual ILCR would be $9x10^{-7}$ and the residual HI would be 0.5.
	E-SB-1495-4-6-AVG	*4 - 6*		*86,000 U*	*730,000*	*9.6E-05*	*5.9E+00*	
	E-SB-1495-6-8	6 - 8		170 U	2,700	3.5E-07	1.2E-02	
E-SB-1616	***E-SB-1616-2-4***	*2 - 4*		*9,300 U*	*340,000*	*4.3E-05*	*6.3E-01*	
	E-SB-1616-4-6	*4 - 6*		*1,700 U*	*100,000*	*1.3E-05*	*1.2E-01*	
	E-SB-1616-8-10-AVG	8 - 10		16.5 U	180	2.3E-08	1.1E-03	
	E-SB-1616-12-14	12 - 14		16 U	230	3.0E-08	1.1E-03	
	E-SB-1616-14-16	14 - 16		17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1616-16-18	16 - 18		17 U	230	3.0E-08	1.2E-03	
	E-SB-1616-18-20	18 - 20		83 U	2,300	2.9E-07	5.7E-03	
E-SB-1447	***E-SB-1447-2-4***	*2 - 4*		*17,000 U*	*290,000*	*3.7E-05*	*1.2E+00*	
	E-SB-1447-4-6	4 - 6		1,700 U	18,000	2.4E-06	1.2E-01	
	E-SB-1447-6-8	6 - 8		8,000 U	46,000	6.2E-06	5.5E-01	
E-SB-1617	***E-SB-1617-9-11***	*9 - 11*	*145.47*	*8,000 U*	*240,000*	*3.0E-05*	*5.6E-01*	
	E-SB-1617-11-13-AVG	11 - 13		128 U	8,150	1.0E-06	8.7E-03	
	E-SB-1617-13-15	13 - 15		33 U	2,100	2.6E-07	2.3E-03	

Table B-3

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #2 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
						Total ILCR[3]	Total HI[4]	
E-SB-1620	***E-SB-1620-10-12***	*10 - 12*		*17 U*	*22 U*	*2.5E-09*	*1.2E-03*	
	E-SB-1620-12-14	*12 - 14*		*3,500 U*	*200,000*	*2.5E-05*	*2.4E-01*	
	E-SB-1620-14-16	14 - 16		340 U	27,000	3.4E-06	2.3E-02	
	E-SB-1620-16-18-AVG	16 - 18		16 U	70	9.7E-09	1.1E-03	
	E-SB-1620-18-20	18 - 20		16 U	28 J	4.5E-09	1.1E-03	Additonal samples included with PCB concentrations greater than 100 mg/kg. Site 95% upper confidence levels (UCL) BaPEq (9.8 ug/kg), Aroclor 1254 (95 µg/kg), and Aroclor 1260 (5,550 µg/kg). The residual ILCR would be $9x10^{-7}$ and the residual HI would be 0.5.
E-SB-1613	***E-SB-1613-02-04***	*2 - 4*		*16 U*	*21 U*	*2.3E-09*	*1.1E-03*	
	E-SB-1613-04-06	*4 - 6*		*16 U*	*20 U*	*2.3E-09*	*1.1E-03*	
	E-SB-1613-06-08-AVG	*6 - 8*		*2,400 U*	*136,000*	*1.7E-05*	*1.6E-01*	
	E-SB-1613-08-10	*8 - 10*		*16 U*	*28 J*	*4.5E-09*	*1.1E-03*	
	E-SB-1613-10-12	*10 - 12*		*3,200 U*	*190,000*	*2.4E-05*	*2.2E-01*	
	E-SB-1613-12-14	*12 - 14*		*160 U*	*5,600*	*7.1E-07*	*1.1E-02*	
	E-SB-1613-14-16	*14 - 16*		*3,300 U*	*160,000*	*2.0E-05*	*2.3E-01*	
	E-SB-1613-16-18	*16 - 18*		*17 U*	*47 J*	*6.9E-09*	*1.2E-03*	
	E-SB-1613-18-20	*18 - 20*		*3,300 U*	*190,000*	*2.4E-05*	*2.3E-01*	
Samples with PCB Concentrations Less Than 100,000 µg/kg or 100 mg/kg and ILCRs < $1x10^{-4}$ and/or HIs < 100								
E-SB-1618	E-SB-1618-2-4	2 - 4		16 U	470	6.0E-08	1.1E-03	
	E-SB-1618-4-6	4 - 6		320 U	22,000	2.8E-06	2.2E-02	
	E-SB-1618-6-8	6 - 8		310 U	31,000	3.9E-06	2.1E-02	
	E-SB-1618-8-10	8 - 10		16 U	160	2.1E-08	1.1E-03	
	E-SB-1618-10-12	10 - 12		32 U	1,300	1.6E-07	2.2E-03	
	E-SB-1618-12-14	12 - 14		17 U	820	1.0E-07	1.2E-03	
	E-SB-1618-14-16	14 - 16		16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1618-16-18	16 - 18		17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1618-18-20	18 - 20		160 U	8,700	1.1E-06	1.1E-02	
E-SB-1622	E-SB-1622-2-4	2 - 4		16 U	71	9.9E-09	1.1E-03	
	E-SB-1622-4-6	4 - 6		16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1622-6-8	6 - 8		17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1622-8-10	8 - 10		17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1622-10-12	10 - 12		17 U	36 J	5.6E-09	1.2E-03	
	E-SB-1622-12-14	12 - 14		330 U	27,000	3.4E-06	2.3E-02	
	E-SB-1622-14-16	14 - 16		17 U	200	2.6E-08	1.2E-03	
	E-SB-1622-16-18	16 - 18		170 U	5,100	6.5E-07	1.2E-02	
	E-SB-1622-18-20	18 - 20		170 U	5,700	7.2E-07	1.2E-02	
E-SB-1739	E-SB-1739-18-20-AVG	18 - 20		17.5 U	88	3.3E-07	4.0E-01	

Table B-3

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #2 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
						Total ILCR[3]	Total HI[4]	
E-SB-1621	E-SB-1621-10-12	10 - 12		17 U	1,100	1.4E-07	1.2E-03	
	E-SB-1621-12-14	12 - 14		17 U	320	4.1E-08	1.2E-03	
	E-SB-1621-14-16	14 - 16		17 U	260	3.3E-08	1.2E-03	
	E-SB-1621-16-18	16 - 18		17 U	300	3.8E-08	1.2E-03	
	E-SB-1621-18-20	18 - 20		17 U	120	1.6E-08	1.2E-03	
E-SB-1497	E-SB-1497-2-4	2 - 4		16 U	55	7.9E-09	1.1E-03	
	E-SB-1497-4-6	4 - 6		17 U	160	2.1E-08	1.2E-03	
	E-SB-1497-6-8-AVG	6 - 8		17 U	180	2.4E-08	1.2E-03	
E-SB-1615	E-SB-1615-4-6	4 - 6		17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1615-6-8	6 - 8		17 U	120	1.6E-08	1.2E-03	
	E-SB-1615-8-10	8 - 10		16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1615-10-12	10 - 12		16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1615-12-14	12 - 14		16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1615-14-16	14 - 16		17 U	23 J	4.0E-09	1.2E-03	
	E-SB-1615-16-18	16 - 18		17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1615-18-20	18 - 20		16 U	21 U	2.3E-09	1.1E-03	
E-SB-1498	E-SB-1498-2-4	2 - 4		17 U	110	1.5E-08	1.2E-03	
	E-SB-1498-4-6	4 - 6		95	11 U	1.3E-08	1.3E-02	
	E-SB-1498-6-8	6 - 8		16 U	28 J	4.5E-09	1.1E-03	
E-SB-1496	E-SB-1496-2-4	2 - 4		17 U	54	7.8E-09	1.2E-03	
	E-SB-1496-4-6	4 - 6		16 U	68	9.5E-09	1.1E-03	
	E-SB-1496-6-8	6 - 8		16 U	81	1.1E-08	1.1E-03	
E-SB-1741	E-SB-1741-2-4	2 - 4		17 U	75	1.0E-08	1.2E-03	
	E-SB-1741-4-6	4 - 6		17 U	21 U	2.4E-09	1.2E-03	
	E-SB-1741-6-8	6 - 8		17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1741-8-10	8 - 10		16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1741-10-12	10 - 12		16 U	38 J	5.8E-09	1.1E-03	
E-SB-1608	E-SB-1608-10-12	10 - 12		17 U	54 J	7.8E-09	1.2E-03	
	E-SB-1608-12-14	12 - 14		17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1608-14-16	14 - 16		17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1608-16-18	16 - 18		16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1608-18-20	18 - 20		16 U	20 U	2.3E-09	1.1E-03	
E-SB-1500	E-SB-1500-2-4	2 - 4		17 U	11 U	1.8E-09	1.2E-03	
	E-SB-1500-4-6	4 - 6		16 U	32 J	5.0E-09	1.1E-03	
	E-SB-1500-6-8	6 - 8		16 U	10 U	1.6E-09	1.1E-03	

Table B-3

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #2 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
						Total ILCR[3]	Total HI[4]	
E-SB-1623	E-SB-1623-10-12	10 - 12		17 U	26 J	4.3E-09	1.2E-03	
	E-SB-1623-12-14	12 - 14		17 U	21 U	2.4E-09	1.2E-03	
	E-SB-1623-14-16	14 - 16		16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1623-16-18	16 - 18		16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1623-18-20	18 - 20		16 U	21 U	2.3E-09	1.1E-03	
E-SB-1625	E-SB-1625-10-12	10 - 12		18 U	23 U	2.6E-09	1.2E-03	
	E-SB-1625-12-14	12 - 14		17 U	21 U	2.4E-09	1.2E-03	
	E-SB-1625-14-16	14 - 16		16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1625-18-20	18 - 20		17 U	21 U	2.4E-09	1.2E-03	
	E-SB-1625-16-18	16 - 18		17 U	22 U	2.5E-09	1.2E-03	
E-SB-1609	E-SB-1609-10-12	10 - 12		17 U	21 U	2.4E-09	1.2E-03	
	E-SB-1609-12-14	12 - 14		17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1609-14-16	14 - 16		17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1609-16-18	16 - 18		17 U	21 U	2.4E-09	1.2E-03	
	E-SB-1609-18-20	18 - 20		17 U	22 U	2.5E-09	1.2E-03	
E-SB-1610	E-SB-1610-10-12	10 - 12		17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1610-12-14	12 - 14		16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1610-14-16	14 - 16		16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1610-16-18	16 - 18		16 U	20 U	2.3E-09	1.1E-03	
	E-SB-1610-18-20	18 - 20		16 U	21 U	2.3E-09	1.1E-03	
E-SB-1612	E-SB-1612-10-12	10 - 12		16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1612-12-14	12 - 14		17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1612-14-16	14 - 16		17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1612-16-18	16 - 18		17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1612-18-20	18 - 20		16 U	20 U	2.3E-09	1.1E-03	
E-SB-1619	E-SB-1619-10-12	10 - 12		16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1619-12-14	12 - 14		18 U	23 U	2.6E-09	1.2E-03	
	E-SB-1619-14-16	14 - 16		17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1619-16-18	16 - 18		17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1619-18-20	18 - 20		17 U	21 U	2.4E-09	1.2E-03	
E-SB-1624	E-SB-1624-10-12	10 - 12		16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1624-12-14	12 - 14		17 U	21 U	2.4E-09	1.2E-03	
	E-SB-1624-14-16-AVG	14 - 16		16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1624-16-18	16 - 18		16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1624-18-20	18 - 20		17 U	22 U	2.5E-09	1.2E-03	
E-SB-1616	E-SB-1616-6-8	6 - 8		17 U	21 U	2.4E-09	1.2E-03	
	E-SB-1616-10-12	10 - 12		16 U	21 U	2.3E-09	1.1E-03	

Table B-3

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #2 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
						Total ILCR[3]	Total HI[4]	
E-SB-1611	E-SB-1611-10-12	10 - 12		16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1611-12-14	12 - 14		16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1611-14-16	14 - 16		16 U	20 U	2.3E-09	1.1E-03	
	E-SB-1611-16-18	16 - 18		16 U	20 U	2.3E-09	1.1E-03	
	E-SB-1611-18-20	18 - 20		16 U	20 U	2.3E-09	1.1E-03	
E-SB-1614	E-SB-1614-10-12	10 - 12		16 U	20 U	2.3E-09	1.1E-03	
	E-SB-1614-12-14	12 - 14		16 U	20 U	2.3E-09	1.1E-03	
	E-SB-1614-14-16	14 - 16		16 U	20 U	2.3E-09	1.1E-03	
	E-SB-1614-16-18	16 - 18		16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1614-18-20	18 - 20		16 U	21 U	2.3E-09	1.1E-03	

1 - Sample locations are listed in order from highest to lowest Aroclor 1260 concentrations.
2 - One half the non-detected value was used for the calculation of benzo(a)pyrene equivalents. If all concentrations were non-detect then the detection limit for benzo(a)pyrene was used as the benzo(a)pyrene equivalent concentration. Original and duplicate samples were averaged when calculating the benzo(a)pyrene equivalent concentration.
3 - Total incremental lifetime cancer risk from exposure to all chemicals of potential concern in soil.
4 - Total hazard index from exposure to all chemicals of potential concern in soil.

A blank space in the concentration column indicates the sample was not analyzed for that parameter.

Gray shading indicates ILCR exceeds $1x10^{-4}$ or HI exceeds 100 and location is considered to be a "hot spot" according to Maryland Department of Environmental Protection guidance (MDE, 2008).

Samples identified for removal are bolded and italicized.

Red shading indicates Aroclor concentration exceeds safety limit of 100,000 µg/kg.

Sample IDs ending in "AVG" indicate an original sample and duplicate was collected at this depth interval. The average of the original and duplicate sample analytical results are presented.

B - analyte found in blank associated with this sample
1,2,4-TCB - 1,2,4-trichlorobenzene
BaPEq - benzo(a)pyrene equivalent
HI - hazard index
ILCR - incremental lifetime cancer risk
J - estimated value
PRG - preliminary remedial goal
U - not detected
UCL - upper confidence level
µg/kg - microgram per kilogram

Table B-4

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #3 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker Total ILCR[3]	Construction Worker Total HI[4]	Comments
Samples Needing Removal to Achieve an 95% UCL that Meets PRGs.									
E-SB-1501	***E-SB-1501-2-4***	*2 - 4*			*1,600,000 U*	*7,700,000*	*1.1E-03*	*1.1E+02*	
	E-SB-1501-4-6	*4 - 6*			*3,300 U*	*77,000*	*9.8E-06*	*2.3E-01*	
	E-SB-1501-6-8	*6 - 8*			*34,000 U*	*450,000*	*5.8E-05*	*2.3E+00*	
E-SB-1503	***E-SB-1503-2-4***	*2 - 4*			*170,000 U*	*860,000*	*1.2E-04*	*1.2E+01*	
	E-SB-1503-4-6	*4 - 6*			*1,700,000 U*	*7,000,000*	*9.8E-04*	*1.2E+02*	
	E-SB-1503-6-8	*6 - 8*			*17,000 U*	*78,000*	*1.1E-05*	*1.2E+00*	
E-SB-1505	***E-SB-1505-2-4***	*2 - 4*			*17 U*	*28 J*	*4.6E-09*	*1.2E-03*	
	E-SB-1505-4-6	*4 - 6*			*17 U*	*140*	*1.9E-08*	*1.2E-03*	
	E-SB-1505-6-8	*6 - 8*			*160,000 U*	*6,500,000*	*8.2E-04*	*1.1E+01*	
E-SB-1738	***E-SB-1738-2-4***	*2 - 4*			*820 U*	*45,000*	*6.0E-06*	*1.9E-01*	
	E-SB-1738-4-6-AVG	*4 - 6*			*50,500 U*	*3,430,000*	*4.3E-04*	*3.5E+00*	
	E-SB-1738-6-8	*6 - 8*			*8,200 U*	*470,000*	*5.9E-05*	*7.0E-01*	
	E-SB-1738-8-10	*8 - 10*			*170 U*	*4,300*	*9.8E-07*	*2.0E-01*	
	E-SB-1738-10-12	*10 - 12*			*35,000 U*	*1,500,000*	*1.9E-04*	*2.5E+00*	
	E-SB-1738-12-14	*12 - 14*			*17,000 U*	*1,500,000*	*1.9E-04*	*1.3E+00*	Samples needing removal to meet PRGs for construction workers exposed to 1,2,4-TCB (530,000 µg/kg or 530 mg/kg), BaPEq (10,000 µg/kg, or 10 mg/kg), Aroclor 1254 (7,000 µg/kg or 7 mg/kg), and Aroclor 1260 (58,000 µg/kg or 58 mg/kg). Site 95% UCLs are 1,2,4-TCB (3,700 µg/kg), BaPEq (1,800 µg/kg), Arcolor 1254 (35 µg/kg), and Aroclor 1260 (47,050 µg/kg). The residual ILCR would be $6x10^{-6}$ and the residual cumulative HI would be 0.4.
	E-SB-1738-14-16	*14 - 16*			*17,000 U*	*970,000*	*1.2E-04*	*1.3E+00*	
	E-SB-1738-16-18	16 - 18			18 U	630	3.5E-07	1.3E-01	
	E-SB-1738-18-20	18 - 20			86 U	4,600	1.1E-06	2.0E-01	
E-SB-1502	***E-SB-1502-2-4***	*2 - 4*			*16 U*	*21 J*	*3.6E-09*	*1.1E-03*	
	E-SB-1502-4-6	*4 - 6*			*1800 U*	*5,400*	*7.9E-07*	*1.2E-01*	
	E-SB-1502-6-8	*6 - 8*			*340000 U*	*2,700,000*	*3.6E-04*	*2.3E+01*	
	E-SB-1502-8-10-AVG	8 - 10			10700 U	36,500	5.2E-06	7.3E-01	
	E-SB-1502-10-12	10 - 12			8500 U	48,000	6.5E-06	5.8E-01	
	E-SB-1502-12-14	12 - 14			3500 U	21,000	2.8E-06	2.4E-01	
	E-SB-1502-14-16	14 - 16			16000 U	52,000	7.5E-06	1.1E+00	
E-SB-1588	***E-SB-1588-6-8***	*6 - 8*			*32,000 U*	*2,700,000*	*3.4E-04*	*2.2E+00*	
	E-SB-1588-8-10	8 - 10			16 U	890	1.1E-07	1.1E-03	
	E-SB-1588-10-12	10 - 12			16 U	660	8.3E-08	1.1E-03	
	E-SB-1588-12-14	12 - 14			16 U	190	2.5E-08	1.1E-03	
	E-SB-1588-14-16	14 - 16			17 U	220	2.9E-08	1.2E-03	
	E-SB-1588-16-18	16 - 18			16 U	620	7.8E-08	1.1E-03	
	E-SB-1588-18-20	18 - 20			87 U	4,900	6.2E-07	5.9E-03	
E-SB-1463	***E-SB-1463-6-8***	*6 - 8*	*1,000,000*	*0.73 U*	*33,000 U*	*1,300,000*	*1.7E-04*	*4.1E+00*	
	E-SB-1463-8-10	*8 - 10*			*81,000 U*	*2,300,000*	*2.9E-04*	*5.5E+00*	
	E-SB-1463-10-12-AVG	*10 - 12*			*16,000 U*	*640,000*	*8.1E-05*	*1.1E+00*	
	E-SB-1463-12-14	12 - 14			83 U	1,400	1.8E-07	5.7E-03	
E-SB-1507	***E-SB-1507-2-4***	*2 - 4*			*8,100 U*	*110,000*	*1.4E-05*	*5.5E-01*	
	E-SB-1507-4-6	*4 - 6*			*79,000 U*	*1,300,000*	*1.7E-04*	*5.4E+00*	
	E-SB-1507-6-8	6 - 8			810 U	13000	1.7E-06	5.5E-02	

Table B-4

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #3 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1584	***E-SB-1584-2-4***	*2 - 4*			*17 U*	*300 J*	*3.8E-08*	*1.2E-03*	
	E-SB-1584-4-6	*4 - 6*			*16 U*	*500*	*6.3E-08*	*1.1E-03*	
	E-SB-1584-6-8	*6 - 8*			*8,100 U*	*170,000*	*2.2E-05*	*5.5E-01*	Samples needing removal to meet PRGs for construction workers exposed to 1,2,4-TCB (530,000 µg/kg or 530 mg/kg), BaPEq (10,000 µg/kg, or 10 mg/kg), Aroclor 1254 (7,000 µg/kg or 7 mg/kg), and Aroclor 1260 (58,000 µg/kg or 58 mg/kg). Site 95% UCLs are 1,2,4-TCB (3,700 µg/kg), BaPEq (1,800 µg/kg), Arcolor 1254 (35 µg/kg), and Aroclor 1260 (47,000 µg/kg). The residual ILCR would be $6x10^{-6}$ and the residual cumulative HI would be 0.4.
	E-SB-1584-8-10	*8 - 10*			*16,000 U*	*1,300,000*	*1.6E-04*	*1.1E+00*	
	E-SB-1584-10-12	10 - 12			16 U	710	9.0E-08	1.1E-03	
	E-SB-1584-12-14	12 - 14			16 U	860	1.1E-07	1.1E-03	
	E-SB-1584-14-16	14 - 16			16 U	39 J	5.9E-09	1.1E-03	
E-SB-1531	***E-SB-1531-2-4***	*2 - 4*			*16 U*	*23 J*	*3.9E-09*	*1.1E-03*	
	E-SB-1531-4-6	*4 - 6*			*16 U*	*45*	*6.6E-09*	*1.1E-03*	
	E-SB-1531-6-8-AVG	*6 - 8*			*88,500 U*	*920,000 J*	*1.2E-04*	*6.0E+00*	
	E-SB-1531-8-10	*8 - 10*			*1,600 U*	*15,000*	*2.0E-06*	*1.1E-01*	
	E-SB-1531-10-12	*10 - 12*			*170 U*	*2,800*	*3.6E-07*	*1.2E-02*	
	E-SB-1531-12-14	*12 - 14*			*16 U*	*310*	*4.0E-08*	*1.1E-03*	
	E-SB-1531-14-16	*14 - 16*			*87,000 U*	*850,000*	*1.1E-04*	*5.9E+00*	
EW2	***EW2-051616***	*5 - 5*	*0.39 U*	*17,830*	*830 U*	*7,600*	*2.0E-06*	*1.7E+00*	
Additional Samples Included with PCB Concentrations Greater than 100,000 µg/kg or 100 mg/kg									
E-SB-1734	***E-SB-1734-4-6***	*4 - 6*			*28 J*	*21 U*	*4.9E-09*	*3.8E-03*	
	E-SB-1734-6-8-AVG	*6 - 8*			*35*	*19.5 U*	*5.7E-09*	*4.8E-03*	
	E-SB-1734-8-10	*8 - 10*			*15 U*	*40 J*	*5.9E-09*	*1.0E-03*	
	E-SB-1734-10-12	*10 - 12*			*81,000 U*	*670,000*	*8.9E-05*	*5.5E+00*	
	E-SB-1734-12-14	12 - 14			17 U	770	9.7E-08	1.2E-03	
	E-SB-1734-14-16	14 - 16			330 U	28,000	3.5E-06	2.3E-02	
	E-SB-1734-16-18	16 - 18			17 U	1,100	1.4E-07	1.2E-03	
	E-SB-1734-18-20	18 - 20			17 U	330	4.2E-08	1.2E-03	
E-SB-1589	***E-SB-1589-2-3***	*2 - 3*			*16,000 U*	*620,000 J*	*7.8E-05*	*1.1E+00*	Additional samples included with PCB concentrations greater than 100 mg/kg. Site 95% UCLs are 1,2,4-TCB (3,700 µg/kg), BaPEq (1,800 µg/kg), and Aroclor 1260 (3,000 µg/kg). Aroclor 1254 was not detected. The residual ILCR would be $9x10^{-7}$ and the residual cumulative HI would be 0.4.
E-SB-1586	***E-SB-1586-6-8***	*6 - 8*			*170 U*	*7,900*	*1.0E-06*	*1.2E-02*	
	E-SB-1586-8-10	*8 - 10*			*7,900 U*	*410,000*	*5.2E-05*	*5.4E-01*	
	E-SB-1586-10-12	10 - 12			860 U	22,000	2.8E-06	5.9E-02	
	E-SB-1586-12-14	12 - 14			80 U	1,100	1.4E-07	5.5E-03	
	E-SB-1586-14-16	14 - 16			80 U	3,100	3.9E-07	5.5E-03	
	E-SB-1586-16-18	16 - 18			17 U	81	1.1E-08	1.2E-03	
	E-SB-1586-18-20	18 - 20			17 U	1,100	1.4E-07	1.2E-03	
E-SB-1592	***E-SB-1592-4-6***	*4 - 6*			*160 U*	*7,700*	*9.7E-07*	*1.1E-02*	
	E-SB-1592-6-8	*6 - 8*			*8,300 U*	*370,000*	*4.7E-05*	*5.7E-01*	
	E-SB-1592-8-10	8 - 10			810 U	48,000	6.0E-06	5.5E-02	
	E-SB-1592-10-12	10 - 12			16 U	370	4.7E-08	1.1E-03	
	E-SB-1592-12-14	12 - 14			16 U	400	5.1E-08	1.1E-03	
	E-SB-1592-14-16	14 - 16			82 U	4,400	5.5E-07	5.6E-03	
	E-SB-1592-16-18	16 - 18			81 U	1,500	1.9E-07	5.5E-03	
	E-SB-1592-18-20	18 - 20			82 U	1,600	2.0E-07	5.6E-03	

Table B-4

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #3 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1590	***E-SB-1590-4-6***	*4 - 6*			*16 U*	*260*	*3.3E-08*	*1.1E-03*	
	E-SB-1590-6-8	*6 - 8*			*17 U*	*580*	*7.3E-08*	*1.2E-03*	
	E-SB-1590-8-10	*8 - 10*			*8,500 U*	*200,000*	*2.5E-05*	*5.8E-01*	
	E-SB-1590-10-12	*10 - 12*			*8,200 U*	*320,000*	*4.0E-05*	*5.6E-01*	
	E-SB-1590-12-14	*12 - 14*			*840 U*	*31,000*	*3.9E-06*	*5.7E-02*	
	E-SB-1590-14-16	*14 - 16*			*1,600 U*	*49,000*	*6.2E-06*	*1.1E-01*	
	E-SB-1590-16-18	*16 - 18*			*3,300 U*	*190,000*	*2.4E-05*	*2.3E-01*	
	E-SB-1590-18-20	18 - 20			1,700 U	11,000	1.5E-06	1.2E-01	
E-SB-1737	***E-SB-1737-6-8***	*6 - 8*			*3,300 U*	*250,000*	*3.1E-05*	*2.3E-01*	
	E-SB-1737-8-10	*8 - 10*			*3,300 U*	*310,000*	*3.9E-05*	*2.3E-01*	
	E-SB-1737-10-12	*10 - 12*			*17 U*	*510*	*6.5E-08*	*1.2E-03*	
	E-SB-1737-12-14	*12 - 14*			*1,700 U*	*130,000*	*1.6E-05*	*1.2E-01*	
	E-SB-1737-14-16	14 - 16			350 U	21,000	2.6E-06	2.4E-02	
	E-SB-1737-16-18	16 - 18			17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1737-18-20	18 - 20			16 U	130 J	1.7E-08	1.1E-03	
E-SB-1736	***E-SB-1736-8-10***	*8 - 10*			*17 U*	*34 J*	*5.1E-07*	*2.0E-01*	Additional samples included with PCB concentrations greater than 100 mg/kg. Site 95% UCLs are 1,2,4-TCB (3,700 µg/kg), BaPEq (1,800 µg/kg), and Aroclor 1260 (3,000 µg/kg). Aroclor 1254 was not detected. The residual ILCR would be $9x10^{-7}$ and the residual cumulative HI would be 0.4.
	E-SB-1736-10-12	*10 - 12*			*17 U*	*22 U*	*5.5E-07*	*2.2E-01*	
	E-SB-1736-12-14	*12 - 14*			*16 U*	*21 U*	*5.5E-07*	*2.2E-01*	
	E-SB-1736-14-16	*14 - 16*			*16 U*	*21 U*	*3.5E-07*	*1.4E-01*	
	E-SB-1736-16-18	*16 - 18*			*3,400 U*	*150,000*	*2.0E-05*	*4.8E-01*	
	E-SB-1736-18-20	18 - 20			17 U	130	8.2E-07	3.1E-01	
E-SB-1464	***E-SB-1464-2-4***	*2 - 4*			*16 U*	*10 U*	*1.6E-09*	*1.1E-03*	
	E-SB-1464-4-6	*4 - 6*			*17 U*	*24 J*	*4.1E-09*	*1.2E-03*	
	E-SB-1464-6-8	*6 - 8*			*16 U*	*11 U*	*1.7E-09*	*1.1E-03*	
	E-SB-1464-8-10	*8 - 10*			*8,400 U*	*150,000*	*1.9E-05*	*5.7E-01*	
	E-SB-1464-10-12	10 - 12			87 U	1,100	1.4E-07	5.9E-03	
	E-SB-1464-12-14	12 - 14			1,700 U	27,000	3.5E-06	1.2E-01	
E-SB-1462	***E-SB-1462-8-10***	*8 - 10*			*170 U*	*4,100*	*5.2E-07*	*1.2E-02*	
	E-SB-1462-10-12	*10 - 12*			*8,300 U*	*130,000*	*1.7E-05*	*5.7E-01*	
	E-SB-1462-12-14	12 - 14			1,800 U	23,000	3.0E-06	1.2E-01	
E-SB-1585	***E-SB-1585-2-4***	*2 - 4*			*3,100 U*	*130,000*	*1.6E-05*	*2.1E-01*	
	E-SB-1585-4-6	4 - 6			16 U	50 J	7.3E-09	1.1E-03	
	E-SB-1585-6-8	6 - 8			16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1585-8-10	8 - 10			17 U	21 U	2.4E-09	1.2E-03	
	E-SB-1585-10-12	10 - 12			16 U	23 J	3.9E-09	1.1E-03	
	E-SB-1585-12-14	12 - 14			17 U	48 J	7.1E-09	1.2E-03	
	E-SB-1585-14-15	14 - 15			16 U	21 U	2.3E-09	1.1E-03	

Table B-4

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #3 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
Samples with PCB Concentrations Less Than 100,000 µg/kg or 100 mg/kg and ILCRs < $1x10^{-4}$ and/or HIs < 100									
SB-502	SB-502-0810	8 - 10	3,700	3800 U	19,000 U	65,000	9.5E-06	1.5E+00	
	SB-502-0406	4 - 6	71	217	7,700 U	49,000	6.8E-06	6.2E-01	
E-SB-1587	E-SB-1587-8-10	8 - 10			160 U	12,000	1.5E-06	1.1E-02	
	E-SB-1587-10-12-AVG	10 - 12			93 U	3,231	4.1E-07	6.3E-03	
	E-SB-1587-14-16	14 - 16			16 U	1,400	1.8E-07	1.1E-03	
	E-SB-1587-12-14	12 - 14			16 U	740	9.3E-08	1.1E-03	
	E-SB-1587-16-18	16 - 18			17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1587-18-20	18 - 20			17 U	21 U	2.4E-09	1.2E-03	
	E-SB-1587-6-8	6 - 8			16 U	20 U	2.3E-09	1.1E-03	
E-SB-981	E-SB-981-2-3	2 - 3		3.8 U	980 U	6,500	8.7E-07	6.7E-02	
	E-SB-981-3-3.5	3 - 3.5		3.8 U	980 U	6,000	8.1E-07	6.7E-02	
E-SB-1504	E-SB-1504-2-4	2 - 4			17 U	89	1.2E-08	1.2E-03	
	E-SB-1504-4-6	4 - 6			340 U	5,100	6.6E-07	2.3E-02	
	E-SB-1504-6-8	6 - 8			82 U	1,600	2.0E-07	5.6E-03	
E-SW1	SW1-051616	5 - 5	0.41 U	2882	180 U	2100	4.4E-07	2.8E-01	
E-SB-1596	E-SB-1596-4-6	4 - 6			80 U	2,800	3.5E-07	5.5E-03	
	E-SB-1596-2-4	2 - 4			79 U	2,700	3.4E-07	5.4E-03	
	E-SB-1596-6-8	6 - 8			33 U	1,200	1.5E-07	2.3E-03	
	E-SB-1596-8-10	8 - 10			16 U	67	9.4E-09	1.1E-03	
EW1	EW1-051616	5 - 5	0.48 U	1569.6	18 U	820	2.0E-07	1.5E-01	
SB-036	SB-36-05	5 - 5	6 U	400 U	300 U	300 U	1.8E-07	2.3E-01	
E-SB-1594	E-SB-1594-2-3	2 - 3			16 U	1,300	1.6E-07	1.1E-03	
E-SB-1511	E-SB-1511-2-4	2 - 4			17 U	11 U	1.8E-09	1.2E-03	
	E-SB-1511-4-6	4 - 6			82 U	850	1.1E-07	5.6E-03	
	E-SB-1511-6-8	6 - 8			16 U	10 U	1.6E-09	1.1E-03	
E-SB-1532	E-SB-1532-14-16	14 - 16			88 U	810	1.1E-07	6.0E-03	
	E-SB-1532-2-4	2 - 4			16 U	26 J	4.3E-09	1.1E-03	
	E-SB-1532-8-10	8 - 10			16 U	23 J	3.9E-09	1.1E-03	
	E-SB-1532-4-6	4 - 6			16 U	20 J	3.5E-09	1.1E-03	
	E-SB-1532-10-12	10 - 12			16 U	13 J	2.6E-09	1.1E-03	
	E-SB-1532-12-14	12 - 14			16 U	11 U	1.7E-09	1.1E-03	
	E-SB-1532-6-8	6 - 8			16 U	10 U	1.6E-09	1.1E-03	
E-SB-1510	E-SB-1510-2-4	2 - 4			17 U	800	1.0E-07	1.2E-03	
	E-SB-1510-10-12	10 - 12			83 U	230	3.4E-08	5.7E-03	
	E-SB-1510-4-6-AVG	4 - 6			16.5 U	210 J	2.7E-08	1.1E-03	
	E-SB-1510-6-8	6 - 8			17 U	120	1.6E-08	1.2E-03	
	E-SB-1510-8-10	8 - 10			16 U	120	1.6E-08	1.1E-03	
	E-SB-1510-14-16	14 - 16			16 U	27 J	4.4E-09	1.1E-03	
	E-SB-1510-12-14	12 - 14			16 U	13 J	2.6E-09	1.1E-03	

Table B-4

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #3 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-985	E-SB-985-2-3	2 - 3			99 U	660	8.9E-08	6.8E-03	
E-SB-1508	E-SB-1508-4-6	4 - 6			84 U	540	7.3E-08	5.7E-03	
	E-SB-1508-6-8	6 - 8			88 U	290	4.2E-08	6.0E-03	
	E-SB-1508-2-4	2 - 4			16 U	80	1.1E-08	1.1E-03	
E-SB-1735	E-SB-1735-16-18-AVG	16 - 18			49 U	508	6.6E-08	3.3E-03	
	E-SB-1735-18-20	18 - 20			17 U	28 J	4.6E-09	1.2E-03	
E-SB-1533	E-SB-1533-8-10	8 - 10			82 U	420	5.8E-08	5.6E-03	
	E-SB-1533-6-8	6 - 8			16 U	350	4.5E-08	1.1E-03	
	E-SB-1533-4-6	4 - 6			16 U	140	1.8E-08	1.1E-03	
	E-SB-1533-10-12	10 - 12			16 U	16 J	3.0E-09	1.1E-03	
	E-SB-1533-2-4	2 - 4			16 U	11 J	2.4E-09	1.1E-03	
	E-SB-1533-12-14-AVG	12 - 14			17 U	8.25 J	2.1E-09	1.2E-03	
	E-SB-1533-14-16	14 - 16			17 U	11 U	1.8E-09	1.2E-03	
BOTT	BOTT-051616	8.5 - 8.5	0.69 U	382	17 U	180	4.6E-08	3.7E-02	
	BOTT-051616-AVG	8.5 - 8.5	0.54 U	393	17 U	165	4.5E-08	3.8E-02	
	BOTT-051616-D	8.5 - 8.5	0.39 U	405	17 U	150	4.3E-08	3.9E-02	
SB-837	E-SB-837-13-AVG	13 - 13			20.5 U	181.5	2.4E-08	1.4E-03	
	E-SB-837-09	9 - 9			20 U	59	8.6E-09	1.4E-03	
	E-SB-837-07	7 - 7			21 U	21 U	2.7E-09	1.4E-03	
	E-SB-837-11	11 - 11			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-837-15	15 - 15			20 U	20 U	2.5E-09	1.4E-03	
	E-SB-837-05	5 - 5			19 U	19 U	2.4E-09	1.3E-03	
	E-SB-837-03	3 - 3			18 U	18 U	2.3E-09	1.2E-03	
E-SB-1591	E-SB-1591-4-6-AVG	4 - 6			16 U	140	1.8E-08	1.1E-03	
	E-SB-1591-6-8	6 - 8			16 U	28 J	4.5E-09	1.1E-03	
	E-SB-1591-12-14	12 - 14			17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1591-8-10	8 - 10			17 U	21 U	2.4E-09	1.2E-03	
	E-SB-1591-10-12	10 - 12			17 U	21 U	2.4E-09	1.2E-03	
	E-SB-1591-14-16	14 - 16			17 U	21 U	2.4E-09	1.2E-03	
E-SB-1477	E-SB-1477-2-3	2 - 3			17 UJ	110 J	1.6E-08	2.3E-03	
	E-SB-1477-3-4	3 - 4			16 U	18 J	3.3E-09	1.1E-03	
E-SB-980	E-SB-980-2-3	2 - 3		3.8 U	19 U	87	1.2E-08	1.5E-03	
	E-SB-980-3-4	3 - 4		3.7 U	19 U	29 J	4.9E-09	1.5E-03	
SB-568	SB-568-4-AVG	4 - 4			19 U	66	9.4E-09	1.3E-03	
E-SB-1509	E-SB-1509-2-4	2 - 4			17 U	53	7.7E-09	1.2E-03	
	E-SB-1509-6-8-AVG	6 - 8			17 U	11 U	1.8E-09	1.2E-03	
	E-SB-1509-4-6	4 - 6			16 U	11 U	1.7E-09	1.1E-03	
E-SB-1506	E-SB-1506-4-6	4 - 6			16 U	44	6.5E-09	1.1E-03	
	E-SB-1506-2-4-AVG	2 - 4			16 U	33.5 J	5.2E-09	1.1E-03	
	E-SB-1506-6-8	6 - 8			16 U	11 U	1.7E-09	1.1E-03	

Table B-4

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #3 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1593	E-SB-1593-2-3	2 - 3			16 U	44 J	6.5E-09	1.1E-03	
E-SB-1595	E-SB-1595-4-6-AVG	4 - 6			16 U	44	6.5E-09	1.1E-03	
	E-SB-1595-8-10	8 - 10			17 U	22 U	2.5E-09	1.2E-03	
	E-SB-1595-2-4	2 - 4			16 U	21 U	2.3E-09	1.1E-03	
	E-SB-1595-6-8	6 - 8			16 U	21 U	2.3E-09	1.1E-03	
E-SB-990	E-SB-990-2-3	2 - 3			19 U	39	6.1E-09	1.3E-03	
E-SB-1535	E-SB-1535-4-6	4 - 6			16 U	21 J	3.6E-09	1.1E-03	
	E-SB-1535-2-4	2 - 4			17 U	11 U	1.8E-09	1.2E-03	
	E-SB-1535-6-8	6 - 8			17 U	11 U	1.8E-09	1.2E-03	
SB-568A	SB-568A-10	10 - 10			20 U	20 U	2.5E-09	1.4E-03	
	SB-568A-6	6 - 6			19 U	19 U	2.4E-09	1.3E-03	
	SB-568A-8	8 - 8			19 U	19 U	2.4E-09	1.3E-03	
E-SB-986	E-SB-986-2-3	2 - 3			20 U	20 U	2.5E-09	1.4E-03	
PIPE	PIPE-051616	3 - 3	0.42 U	13.0	16 U	11 U	2.5E-09	2.3E-03	
SB-548	SB-548-3	3 - 3			19 U	19 U	2.4E-09	1.3E-03	
	SB-548-4	4 - 4			19 U	19 U	2.4E-09	1.3E-03	
E-SB-987	E-SB-987-2-3	2 - 3			18 U	18 U	2.3E-09	1.2E-03	
E-SB-1530	E-SB-1530-4-6-AVG	4 - 6			17.5 U	8.25 J	2.1E-09	1.2E-03	
	E-SB-1530-6-8	6 - 8			18 U	11 U	1.8E-09	1.2E-03	
	E-SB-1530-12-14	12 - 14			18 U	11 U	1.8E-09	1.2E-03	
	E-SB-1530-8-10	8 - 10			17 U	11 U	1.8E-09	1.2E-03	
	E-SB-1530-10-12	10 - 12			17 U	11 U	1.8E-09	1.2E-03	
	E-SB-1530-14-16	14 - 16			17 U	11 U	1.8E-09	1.2E-03	
	E-SB-1530-2-4	2 - 4			16 U	10 U	1.6E-09	1.1E-03	
E-SB-1534	E-SB-1534-2-4	2 - 4			17 U	11 U	1.8E-09	1.2E-03	
	E-SB-1534-4-6	4 - 6			17 U	11 U	1.8E-09	1.2E-03	
	E-SB-1534-6-8	6 - 8			16 U	10 U	1.6E-09	1.1E-03	

Table B-4

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #3 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

1 - Sample locations are listed in order from highest to lowest cancer risk.
2 - One half the non-detected value was used for the calculation of benzo(a)pyrene equivalents. If all concentrations were non-detect then the detection limit for benzo(a)pyrene was used as the benzo(a)pyrene equivalent concentration. Original and duplicate samples were averaged when calculating the benzo(a)pyrene equivalent concentration.
3 - Total incremental lifetime cancer risk from exposure to all chemicals of potential concern in soil.
4 - Total hazard index from exposure to all chemicals of potential concern in soil.

A blank space in the concentration column indicates the sample was not analyzed for that parameter.

Gray shading indicates ILCR exceeds $1x10^{-4}$ or HI exceeds 100 and location is considered to be a "hot spot" according to Maryland Department of Environmental Protection guidance (MDE, 2008).

Red shading indicates Aroclor concentration exceeds safety limit of 100,000 µg/kg.

Samples identified for removal are bolded and italicized.

Sample IDs ending in "AVG" indicate an original sample and duplicate was collected at this depth interval. The average of the original and duplicate sample analytical results are presented.

B - analyte found in blank associated with this sample
1,2,4-TCB - 1,2,4-trichlorobenzene
BaPEq - benzo(a)pyrene equivalent
HI - hazard index
ILCR - incremental lifetime cancer risk
J - estimated value
PRG - preliminary remedial goal
U - not detected
UCL - upper confidence level
µg/kg - microgram per kilogram

Table B-5

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #4 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
Samples Needing Removal to Achieve an 95% UCL that Meets PRGs.									
E-SB-1547	***E-SB-1547-2-4***	*2 - 4*			*340,000 U*	*37,000,000*	*4.7E-03*	*2.3E+01*	Samples needing removal to meet PRGs for construction workers exposed to 1,2,4-TCB (530,000 µg/kg or 530 mg/kg), BaPEq (10,000 µg/kg or 10 mg/kg), Aroclor 1254 (7,000 µg/kg or 7 mg/kg), and Aroclor 1260 (58,000 µg/kg or 58 mg/kg) and a cumulative cancer risk level of $1x10^{-5}$. Site 95% UCLs are 1,2,4-TCB (125,000 µg/kg), BaPEq (34 µg/kg) and Aroclor 1260 (35,800 µg/kg). Aroclor 1254 was not detected. The residual ILCR would be $6x10^{-6}$ and the residual cumulative HI would be 1.
	E-SB-1547-4-6	*4 - 6*			*8,100 U*	*480,000*	*6.1E-05*	*5.5E-01*	
	E-SB-1547-6-8	*6 - 8*			*17 U*	*1,100*	*1.4E-07*	*1.2E-03*	
	E-SB-1547-8-10	*8 - 10*			*32 U*	*1,900*	*2.4E-07*	*2.2E-03*	
	E-SB-1547-10-12	*10 - 12*			*32 U*	*1,500*	*1.9E-07*	*2.2E-03*	
	E-SB-1547-12-14	*12 - 14*			*9,000 U*	*420,000*	*5.4E-05*	*6.1E-01*	
	E-SB-1547-14-16	*14 - 16*			*3,400 U*	*19,000*	*2.9E-06*	*2.3E-01*	
	E-SB-1547-16-18	*16 - 18*			*1,800 U*	*87,000*	*1.1E-05*	*1.2E-01*	
	E-SB-1547-18-20	18 - 20			80 U	4,200	5.4E-07	5.5E-03	
E-SB-1551	***E-SB-1551-2-4***	*2 - 4*			*16 U*	*430*	*5.6E-08*	*1.1E-03*	
	E-SB-1551-4-6-AVG	*4 - 6*			*555,000 U*	*29,000,000*	*3.7E-03*	*3.8E+01*	
	E-SB-1551-6-8	6 - 8			160 U	19,000	2.4E-06	1.1E-02	
	E-SB-1551-8-10	8 - 10			17 U	880	1.1E-07	1.2E-03	
	E-SB-1551-10-12	10 - 12			32 U	1,000	1.3E-07	2.2E-03	
	E-SB-1551-14-16	14 - 16			33 U	990	1.3E-07	2.3E-03	
	E-SB-1551-12-14	12 - 14			82 U	1,900	2.5E-07	5.6E-03	
	E-SB-1551-16-18	16 - 18			86 U	2,500	3.3E-07	5.9E-03	
	E-SB-1551-18-20	18 - 20			16 U	130	1.9E-08	1.1E-03	
SB-833	***E-SB-833-03***	*3 - 3*			*20 U*	*330*	*4.3E-08*	*1.4E-03*	
	E-SB-833-05	*5 - 5*			*20 U*	*140*	*2.0E-08*	*1.4E-03*	
	E-SB-833-07	*7 - 7*			*20 U*	*20 U*	*3.5E-09*	*1.4E-03*	
	E-SB-833-09	*9 - 9*	*9,600,000*	*39,347*	*1,100,000 U*	*24,000,000*	*3.1E-03*	*1.0E+02*	
	E-SB-833-11	*11 - 11*			*2,000 U*	*61,000*	*7.8E-06*	*1.4E-01*	
SB-853	***E-SB-853-4-8***	*5 - 8*			*6.7 U*	*4,300*	*5.4E-07*	*4.6E-04*	
	E-SB-853-8-12	*8 - 12*			*70,000 U*	*19,000,000*	*2.4E-03*	*4.8E+00*	
	E-SB-853-12-16	*12 - 16*			*1,300 U*	*780,000*	*9.7E-05*	*8.9E-02*	
	E-SB-853-16-20	16 - 20			14 U	12,000	1.5E-06	9.6E-04	
E-SB-1598	***E-SB-1598-8-10***	*8 - 10*			*16 U*	*500*	*6.5E-08*	*1.1E-03*	
	E-SB-1598-10-12	*10 - 12*			*180,000 U*	*13,000,000*	*1.6E-03*	*1.2E+01*	
	E-SB-1598-12-14	12 - 14			84 U	4,600	5.9E-07	5.7E-03	
	E-SB-1598-14-16	14 - 16			81 U	2,300	3.0E-07	5.5E-03	
E-SB-1546	***E-SB-1546-2-4***	*2 - 4*			*340 U*	*16,000*	*2.0E-06*	*2.3E-02*	
	E-SB-1546-4-6	*4 - 6*			*35,000 U*	*1,700,000*	*2.2E-04*	*2.4E+00*	
	E-SB-1546-6-8	*6 - 8*			*160,000 U*	*13,000,000*	*1.6E-03*	*1.1E+01*	
	E-SB-1546-8-10	*8 - 10*			*3,500 U*	*130,000*	*1.7E-05*	*2.4E-01*	
	E-SB-1546-10-12	*10 - 12*			*91,000 U*	*7,000,000*	*8.9E-04*	*6.2E+00*	
	E-SB-1546-12-14	*12 - 14*			*3,300 U*	*89,000*	*1.2E-05*	*2.3E-01*	
	E-SB-1546-14-16	14 - 16			1,700 U	45,000	5.9E-06	1.2E-01	
	E-SB-1546-16-18	16 - 18			1,600 U	45,000	5.9E-06	1.1E-01	
	E-SB-1546-18-20	18 - 20			1,600 U	27,000	3.6E-06	1.1E-01	

Table B-5

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #4 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1545	***E-SB-1545-2-4***	*2 - 4*			*17,000 U*	*910,000*	*1.2E-04*	*1.2E+00*	
	E-SB-1545-4-6	*4 - 6*			*91,000 U*	*7,500,000*	*9.5E-04*	*6.2E+00*	
	E-SB-1545-6-8	6 - 8			17 U	480	6.2E-08	1.2E-03	
	E-SB-1545-8-10	8 - 10			82 U	4,400	5.6E-07	5.6E-03	
	E-SB-1545-10-12	10 - 12			82 U	6,200	7.9E-07	5.6E-03	
	E-SB-1545-12-14	12 - 14			160 U	16,000	2.0E-06	1.1E-02	
	E-SB-1545-14-16	14 - 16			160 U	10,000	1.3E-06	1.1E-02	
	E-SB-1545-16-18	16 - 18			170 U	8,400	1.1E-06	1.2E-02	
	E-SB-1545-18-20	18 - 20			16 U	1,200	1.5E-07	1.1E-03	
E-SB-833A	***E-SB-833A-06***	6 - 6	140,000	401	210,000 U	510,000	7.8E-05	1.5E+01	
	E-SB-833A-10	10 - 10	830,000	200 U	210,000 U	2,000,000	2.6E-04	1.6E+01	
E-SB-984	***E-SB-984-2-3***	2 - 3			95 U	290	4.2E-08	6.5E-03	Samples needing removal to meet PRGs for construction workers exposed to 1,2,4-TCB (530,000 µg/kg or 530 mg/kg), BaPEq (10,000 µg/kg or 10 mg/kg), Aroclor 1254 (7,000 µg/kg or 7 mg/kg), and Aroclor 1260 (58,000 µg/kg or 58 mg/kg) and a cumulative cancer risk level of $1x10^{-5}$. Site 95% UCLs are 1,2,4-TCB (125,000 µg/kg), BaPEq (34 µg/kg) and Aroclor 1260 (35,800 µg/kg). Aroclor 1254 was not detected. The residual ILCR would be $6x10^{-6}$ and the residual cumulative HI would be 1.
	E-SB-984-2-4	2 - 4		3.9 U	100 U	860	1.1E-07	7.0E-03	
	E-SB-984-4-6	4 - 6	310,000	3.8 U	200,000 U	1,700,000	2.3E-04	1.4E+01	
	E-SB-984-6-8	6 - 8		3.9 U	100 U	340	4.9E-08	7.0E-03	
	E-SB-984-8-10	8 - 10		3.9 U	21 U	400	5.1E-08	1.6E-03	
	E-SB-984-10-12	10 - 12	210,000 J	4 U	100,000 U	480,000	6.7E-05	7.2E+00	
	E-SB-984-12-14	12 - 14			9,900 U	120,000	1.6E-05	6.8E-01	
	E-SB-984-14-16	14 - 16			1,000 U	10,000	1.3E-06	6.8E-02	
	E-SB-984-16-18	16 - 18			20 U	250	3.2E-08	1.4E-03	
	E-SB-984-18-20	18 - 20			20 U	210	2.7E-08	1.4E-03	
E-SB-1473	***E-SB-1473-4-6***	*4 - 6*			*17 U*	*11 U*	*2.6E-09*	*1.2E-03*	
	E-SB-1473-8-12	*8 - 12*			*92,000 U*	*1,700,000*	*2.2E-04*	*6.3E+00*	
	E-SB-1473-12-16	12 - 16			170 U	3,200	4.2E-07	1.2E-02	
	E-SB-1473-16-20	16 - 20			89 U	1,400	1.8E-07	6.1E-03	
E-SB-1601	***E-SB-1601-8-10***	*8 - 10*			*16 U*	*910*	*1.2E-07*	*1.1E-03*	
	E-SB-1601-10-12	*10 - 12*			*330 U*	*22,000*	*2.8E-06*	*2.3E-02*	
	E-SB-1601-12-14	*12 - 14*			*33,000 U*	*1,700,000*	*2.2E-04*	*2.3E+00*	
	E-SB-1601-14-16	14 - 16			16 U	290	3.9E-08	1.1E-03	
E-SB-1471	***E-SB-1471-4-6***	*4 - 6*			*91,000 U*	*1,400,000*	*1.9E-04*	*6.2E+00*	
	E-SB-1471-8-12	*8 - 12*			*3,400 U*	*120,000*	*1.5E-05*	*2.3E-01*	
	E-SB-1471-12-16	*12 - 16*			*1,600 U*	*48,000*	*6.2E-06*	*1.1E-01*	
	E-SB-1471-16-20	*16 - 20*			*17,000 U*	*390,000*	*5.1E-05*	*1.2E+00*	

Table B-5

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #4 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1544	***E-SB-1544-2-4***	*2 - 4*			*16 U*	*21 U*	*3.9E-09*	*1.1E-03*	
	E-SB-1544-4-6-AVG	*4 - 6*			*25,000 U*	*1,365,000*	*1.7E-04*	*1.7E+00*	
	E-SB-1544-6-8	6 - 8			170 U	7,900	1.0E-06	1.2E-02	Samples needing removal to meet PRGs for construction workers exposed to 1,2,4-TCB (530,000 µg/kg or 530 mg/kg), BaPEq (10,000 µg/kg or 10 mg/kg), Aroclor 1254 (7,000 µg/kg or 7 mg/kg), and Aroclor 1260 (58,000 µg/kg or 58 mg/kg) and a cumulative cancer risk level of $1x10^{-5}$. Site 95% UCLs are 1,2,4-TCB (125,000 µg/kg), BaPEq (34 µg/kg) and Aroclor 1260 (35,800 µg/kg). Aroclor 1254 was not detected. The residual ILCR would be $6x10^{-6}$ and the residual cumulative HI would be 1.
	E-SB-1544-8-10	8 - 10			16 U	23 J	5.4E-09	1.1E-03	
	E-SB-1544-10-12	10 - 12			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1544-12-14	12 - 14			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1544-14-16	14 - 16			17 U	28 J	6.2E-09	1.2E-03	
	E-SB-1544-16-18	16 - 18			16 U	20 U	3.8E-09	1.1E-03	
	E-SB-1544-18-20	18 - 20			16 U	21 U	3.9E-09	1.1E-03	
E-SB-833K	***E-SB-833K-06***	*6 - 6*	*120,000 J*	*39 U*	*100,000 U*	*970,000*	*1.3E-04*	*7.1E+00*	
	E-SB-833K-08	*8 - 8*	*1700 J*	*3.9 U*	*4,000 U*	*35,000*	*4.8E-06*	*2.8E-01*	
	E-SB-833K-10	10 - 10	28,000	142	20,000 U	270,000	3.6E-05	1.4E+00	
E-SB-1476	***E-SB-1476-4-6***	*4 - 6*			*18 U*	*63*	*9.9E-09*	*1.2E-03*	
	E-SB-1476-8-12	*8 - 12*			*85,000 U*	*960,000*	*1.3E-04*	*5.8E+00*	
	E-SB-1476-12-16-AVG	*12 - 16*			*85,170 U*	*953,600 J*	*1.3E-04*	*5.8E+00*	
	E-SB-1476-16-20	*16 - 20*			*17,000 U*	*240,000*	*3.2E-05*	*1.2E+00*	
Additional Samples Included with PCB Concentrations Greater than 100,000 µg/kg or 100 mg/kg									
E-SB-833L	***E-SB-833L-04***	*4 - 4*	*1,900*	*3.9 U*	*20 U*	*73*	*1.6E-08*	*6.5E-03*	
	E-SB-833L-06	*6 - 6*	*1,000*	*4 U*	*410 U*	*4,500*	*6.1E-07*	*3.1E-02*	
	E-SB-833L-08	*8 - 8*	*410,000 J*	*38 U*	*99,000 U*	*700,000*	*9.9E-05*	*7.6E+00*	
E-SB-1474	***E-SB-1474-4-6***	*4 - 6*			*17 U*	*56*	*8.9E-09*	*1.2E-03*	
	E-SB-1474-8-12	*8 - 12*	*330,000*	*12.9*	*34,000 U*	*680,000*	*8.9E-05*	*3.3E+00*	
	E-SB-1474-12-16	*12 - 16*	*6,600*	*0.74 U*	*1,600 U*	*21,000*	*3.0E-06*	*1.3E-01*	
	E-SB-1474-16-20	16 - 20			170 U	3,900	5.1E-07	1.2E-02	
SB-855	***E-SB-855-4-8***	*5 - 8*			*1.4 U*	*120 J*	*1.5E-08*	*9.6E-05*	
	E-SB-855-8-12	*8 - 12*			*1,400 U*	*680,000*	*8.5E-05*	*9.6E-02*	Additional samples included with PCB concentrations greater than 100 mg/kg. Site 95% UCLs are 1,2,4-TCB (833 µg/kg), BaPEq (29 µg/kg), and Aroclor 1260 (2,730 µg/kg). Aroclor 1254 was not detected. The residual ILCR would be $1x10^{-6}$ and the residual cumulative HI would be 0.9.
	E-SB-855-12-16	12 - 16			68 U	16,000	2.0E-06	4.6E-03	
	E-SB-855-16-20	16 - 20			1.3 U	69 J	8.8E-09	8.9E-05	
E-SB-1461	***E-SB-1461-2-3***	*2 - 3*			*33,000 U*	*540,000*	*7.1E-05*	*2.3E+00*	
	E-SB-1461-3-4	*3 - 4*			*8,700 U*	*110,000*	*1.5E-05*	*5.9E-01*	
SB-854	***E-SB-854-4-8***	*5 - 8*			*680 U*	*470,000*	*5.9E-05*	*4.6E-02*	
	E-SB-854-8-12	8 - 12			6.7 U	2,000	2.5E-07	4.6E-04	
	E-SB-854-12-16	12 - 16			1.4 U	480	6.0E-08	9.6E-05	
	E-SB-854-16-20	16 - 20			1.4 U	300	3.8E-08	9.6E-05	
E-SB-1728	***E-SB-1728-8-10-AVG***	*8 - 10*			*41,008 U*	*375,270*	*5.4E-05*	*2.9E+00*	
	E-SB-1728-10-12	10 - 12			17 U	45 J	3.2E-07	1.2E-01	
	E-SB-1728-12-14	12 - 14			17 U	22 U	3.8E-07	1.4E-01	
	E-SB-1728-14-16	14 - 16			16 U	67	3.1E-07	1.2E-01	
	E-SB-1728-16-18	16 - 18			170 U	260 J	6.1E-07	2.4E-01	
	E-SB-1728-18-20	18 - 20			140 U	180 U	3.7E-07	1.6E-01	

Table B-5

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #4 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1597	***E-SB-1597-6-8***	*6 - 8*			*340 U*	*18,000*	*2.3E-06*	*2.3E-02*	
	E-SB-1597-8-10	*8 - 10*			*17,000 U*	*380,000*	*5.0E-05*	*1.2E+00*	
	E-SB-1597-10-12	10 - 12			830 U	18,000	2.4E-06	5.7E-02	
	E-SB-1597-12-14	12 - 14			320 U	14,000	1.8E-06	2.2E-02	
	E-SB-1597-14-16	14 - 16			80 U	2,000 J	2.6E-07	5.5E-03	
	E-SB-1597-16-18	16 - 18			16 U	360	4.7E-08	1.1E-03	
	E-SB-1597-18-20	18 - 20			16 U	140	2.0E-08	1.1E-03	
SB-833I	***E-SB-833I-08***	*8 - 8*	*110,000*	*40 U*	*21,000 U*	*220,000*	*3.0E-05*	*1.7E+00*	
	E-SB-833I-10	*10 - 10*	*66,000*	*176.765*	*20,000 U*	*350,000*	*4.6E-05*	*1.5E+00*	
E-SB-1548	***E-SB-1548-2-4***	*2 - 4*			*17 U*	*620*	*8.0E-08*	*1.2E-03*	
	E-SB-1548-4-6	*4 - 6*			*170 U*	*5,900*	*7.6E-07*	*1.2E-02*	
	E-SB-1548-6-8	*6 - 8*			*16,000 U*	*320,000*	*4.2E-05*	*1.1E+00*	
	E-SB-1548-8-10	8 - 10			840 U	31,000	4.0E-06	5.7E-02	
	E-SB-1548-10-12	10 - 12			16 U	360 J	4.7E-08	1.1E-03	
	E-SB-1548-12-14-AVG	12 - 14			16 U	475	6.2E-08	1.1E-03	
	E-SB-1548-14-16	14 - 16			17 U	270	3.6E-08	1.2E-03	Additional samples included with PCB concentrations greater than 100 mg/kg. Site 95% UCLs are 1,2,4-TCB (833 µg/kg), BaPEq (29 µg/kg), and Aroclor 1260 (2,730 µg/kg). Aroclor 1254 was not detected. The residual ILCR would be $1x10^{-6}$ and the residual cumulative HI would be 0.9.
	E-SB-1548-16-18	16 - 18			16 U	180	2.5E-08	1.1E-03	
	E-SB-1548-18-20	18 - 20			16 U	880	1.1E-07	1.1E-03	
E-SB-1602	***E-SB-1602-2-4***	*2 - 4*			*16 U*	*80*	*1.3E-08*	*1.1E-03*	
	E-SB-1602-4-6	*4 - 6*			*31 U*	*1,800*	*2.3E-07*	*2.1E-03*	
	E-SB-1602-6-8	*6 - 8*			*3,200 U*	*300,000*	*3.8E-05*	*2.2E-01*	
SB-827	***E-SB-827-03***	*3 - 3*			*20 U*	*20 U*	*3.5E-09*	*1.4E-03*	
	E-SB-827-05	*5 - 5*			*20 U*	*20 U*	*3.5E-09*	*1.4E-03*	
	E-SB-827-07	*7 - 7*			*390 U*	*2,500 J*	*3.6E-07*	*2.7E-02*	
	E-SB-827-09	*9 - 9*			*20,000 U*	*260,000 J*	*3.5E-05*	*1.4E+00*	
	E-SB-827-11	11 - 11			20 U	20 U	3.6E-09	1.4E-03	
	E-SB-827-13	13 - 13			1,100 UJ	15,000 J	2.1E-06	1.5E-01	
	E-SB-827-15	15 - 15			43 U	180 J	2.7E-08	2.9E-03	
E-SB-1465	***E-SB-1465-6-8-AVG***	*6 - 8*			*1,700 U*	*34,000*	*4.4E-06*	*1.2E-01*	
	E-SB-1465-8-10	*8 - 10*			*16,000 U*	*220,000*	*2.9E-05*	*1.1E+00*	
	E-SB-1465-10-12	10 - 12			1,700 U	37,000	4.8E-06	1.2E-01	
	E-SB-1465-12-14	12 - 14			160 U	1,900	2.6E-07	1.1E-02	
	E-SB-1465-14-16	14 - 16			8,900 U	99,000	1.3E-05	6.1E-01	
E-SB-1470	***E-SB-1470-10-12-AVG***	*10 - 12*			*17,000 U*	*195,000*	*2.6E-05*	*1.2E+00*	
	E-SB-1470-12-14	*12 - 14*			*17,000 U*	*110,000*	*1.6E-05*	*1.2E+00*	
	E-SB-1470-14-16	14 - 16			330 U	4,800	6.4E-07	2.3E-02	
	E-SB-1470-16-18	16 - 18			17 U	450	5.8E-08	1.2E-03	

Table B-5

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #4 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
SB-848	***E-SB-848-06***	*4 - 6*			*1.4 U*	*35*	*4.6E-09*	*9.6E-05*	
	E-SB-848-08	*6 - 8*			*130 U*	*200,000*	*2.5E-05*	*8.9E-03*	Additional samples included with PCB concentrations greater than 100 mg/kg. Site 95% UCLs are 1,2,4-TCB (833 µg/kg), BaPEq (29 µg/kg), and Aroclor 1260 (2,730 µg/kg). Aroclor 1254 was not detected. The residual ILCR would be $1x10^{-6}$ and the residual cumulative HI would be 0.9.
	E-SB-848-12	8 - 12			1.3 U	55	7.0E-09	8.9E-05	
	E-SB-848-16	12 - 16			1.3 U	59	7.5E-09	8.9E-05	
	E-SB-848-20	16 - 20			1.3 U	38	4.9E-09	8.9E-05	
E-SB-833E	***E-SB-833E-06***	*6 - 6*	*260,000*	*77 U*	*9,900 U*	*180,000*	*2.4E-05*	*1.2E+00*	
	E-SB-833E-10	10 - 10	4,700	3.9 U	2,000 U	27,000	3.6E-06	1.5E-01	
SB-852	***E-SB-852-12***	8 - 12			69 U	120,000	1.5E-05	4.7E-03	
	E-SB-852-16	12 - 16			27 U	17,000	2.1E-06	1.8E-03	
	E-SB-852-20	16 - 19			27 U	15000	1.9E-06	1.8E-03	
Samples with PCB Concentrations Less Than 100,000 µg/kg or 100 mg/kg and ILCRs < $1x10^{-4}$ and/or HIs < 100									
E-SB-1731	E-SB-1731-10-12	10 - 12			820 U	50,000	6.4E-06	5.6E-02	
	E-SB-1731-12-14	12 - 14			16 U	170	2.4E-08	1.1E-03	
E-SB-1468	E-SB-1468-6-8	6 - 8	3,400	0.75 U	82 U	490	7.8E-08	1.6E-02	
	E-SB-1468-10-12	10 - 12			17 U	11 U	2.6E-09	1.2E-03	
	E-SB-1468-12-14	12 - 14			3,700 U	43,000	5.8E-06	2.5E-01	
	E-SB-1468-14-16	14 - 16			17 U	110	1.6E-08	1.2E-03	
	E-SB-1468-16-18	16 - 18			17 U	11 U	2.6E-09	1.2E-03	
E-CB-11B	E-CB-11B-2-4	2 - 4			20 U	20 U	3.5E-09	1.4E-03	
	E-CB-11B-4-6	4 - 6			20 U	20 U	3.6E-09	1.4E-03	
	E-CB-11B-6-8	6 - 8	0.25 U	3.9 U	20 U	20 U	2.4E-06	1.1E+00	
	E-CB-11B-8-10	8 - 10			21 U	21 U	3.7E-09	1.4E-03	
	E-CB-11B-12-14	12 - 14			20 U	20 U	3.5E-09	1.4E-03	
	E-CB-11B-16-18	16 - 18	0.24 U	3.9 U	20 U	20 U	5.5E-07	2.2E-01	
	E-CB-11B-18-20	18 - 20			20 U	20 U	3.5E-09	1.4E-03	
E-SB-1553	E-SB-1553-2-4-AVG	2 - 4			16.5 U	70.25	1.1E-08	1.1E-03	
	E-SB-1553-4-6	4 - 6			35 U	2,000	2.5E-07	2.4E-03	
	E-SB-1553-6-8	6 - 8			83 U	3,600	4.6E-07	5.7E-03	
	E-SB-1553-8-10	8 - 10			17 U	22 U	4.0E-09	1.2E-03	
	E-SB-1553-10-12	10 - 12			160 U	13,000	1.6E-06	1.1E-02	
	E-SB-1553-12-14	12 - 14			16 U	59	9.9E-09	1.1E-03	
	E-SB-1553-14-16	14 - 16			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1553-16-18	16 - 18			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1553-18-20	18 - 20			16 U	67	1.1E-08	1.1E-03	
E-SB-1732	E-SB-1732-10-12	10 - 12			17 U	1,200	6.0E-07	1.7E-01	
	E-SB-1732-12-14	12 - 14			34 U	2,700	7.4E-07	2.6E-01	
	E-SB-1732-14-16	14 - 16			34 U	1,700	1.5E-06	5.0E-01	
	E-SB-1732-16-18	16 - 18			18 U	450	8.3E-07	3.1E-01	
	E-SB-1732-18-20	18 - 20			18 U	1,300	6.6E-07	2.0E-01	

Table B-5

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #4 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1472	E-SB-1472-4-6	4 - 6			340 U	5,300	7.0E-07	2.3E-02	
	E-SB-1472-8-12	8 - 12			350 U	11,000	1.4E-06	2.4E-02	
	E-SB-1472-12-16-AVG	12 - 16			260 U	7,250	9.3E-07	1.8E-02	
	E-SB-1472-16-20	16 - 20			19 U	800	1.0E-07	1.3E-03	
E-SB-1724	E-SB-1724-15-16	15 - 16			180 U	9,900	1.3E-06	1.2E-02	
	E-SB-1724-16-18	16 - 18			19 U	170	2.4E-08	1.3E-03	
	E-SB-1724-18-20	18 - 20			17 U	490	6.4E-08	1.2E-03	
E-CB-11A	E-CB-11A-2-4	2 - 4		3.9 U	20 U	20 U	3.6E-09	1.5E-03	
	E-CB-11A-4-6	4 - 6		78.842	22 U	160	2.7E-08	8.8E-03	
	E-CB-11A-6-8	6 - 8		3.8 U	20 U	34 J	6.6E-09	1.5E-03	
	E-CB-11A-8-10	8 - 10		19.529	21 U	39 J	8.4E-09	3.3E-03	
	E-CB-11A-10-12	10 - 12	0.27 U	3.7 U	19 U	70	5.8E-07	2.2E-01	
	E-CB-11A-12-14	12 - 14			20 U	20 U	3.5E-09	1.4E-03	
	E-CB-11A-16-18	16 - 18			20 U	20 U	3.6E-09	1.4E-03	
	E-CB-11A-18-20	18 - 20	0.24 U	4 U	20 U	20 U	1.3E-06	4.9E-01	
BLI-SB-33	I-SB-33-07	7 - 7	20		21 U	21 U	6.1E-07	7.5E-01	
	I-SB-33-13	13 - 13	160		21 U	21 U	3.9E-07	6.5E-01	
BLI-SB-34	I-SB-34-03	3 - 3	0.26 U		21 U	21 U	2.4E-07	2.3E-01	
	I-SB-34-13	13 - 13	0.21 U		21 U	21 U	5.7E-07	5.2E-01	
E-SB-1730	E-SB-1730-3-4	3 - 4			17 U	160	2.3E-08	1.2E-03	
	E-SB-1730-4-6	4 - 6			17 U	21 U	4.0E-09	1.2E-03	
	E-SB-1730-6-8	6 - 8			17 U	22 U	4.0E-09	1.2E-03	
	E-SB-1730-8-10	8 - 10			16 U	20 U	3.8E-09	1.1E-03	
	E-SB-1730-10-12	10 - 12			170 U	3,800	5.0E-07	1.2E-02	
	E-SB-1730-12-14	12 - 14			16 U	35 J	6.9E-09	1.1E-03	
E-SB-976	E-SB-976-2-3	2 - 3		8.2246	20 U	20 U	4.0E-09	2.1E-03	
	E-SB-976-3-4	3 - 4		3.9 U	20 U	20 U	3.2E-07	1.2E-01	
E-SB-1469	E-SB-1469-10-12	10 - 12			17 U	450	5.8E-08	1.2E-03	
	E-SB-1469-12-14	12 - 14			17 U	110	1.6E-08	1.2E-03	
	E-SB-1469-14-16	14 - 16			84 U	1,700	2.2E-07	5.7E-03	
	E-SB-1469-16-18-AVG	16 - 18			87.5 U	1,150	1.5E-07	6.0E-03	
E-SB-1604	E-SB-1604-4-6	4 - 6			16 U	170	2.4E-08	1.1E-03	
	E-SB-1604-6-8	6 - 8			17 U	1,300	1.6E-07	1.2E-03	
	E-SB-1604-8-10-AVG	8 - 10			16 U	48	8.5E-09	1.1E-03	
	E-SB-1604-10-12	10 - 12			16 U	61	1.0E-08	1.1E-03	
	E-SB-1604-12-14	12 - 14			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1604-14-16	14 - 16			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1604-16-18	16 - 18			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1604-18-20	18 - 20			16 U	21 U	3.9E-09	1.1E-03	

Table B-5

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #4 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1475	E-SB-1475-4-6	4 - 6			88 U	1,200	1.6E-07	6.0E-03	
	E-SB-1475-8-12	8 - 12			18 U	140	2.0E-08	1.2E-03	
	E-SB-1475-12-16	12 - 16			17 U	710	9.0E-08	1.2E-03	
	E-SB-1475-16-20	16 - 20			17 U	99	1.4E-08	1.2E-03	
E-SB-833M	E-SB-833M-04	4 - 4	0.98 B	4 U	41 U	240	3.5E-08	3.0E-03	
	E-SB-833M-06	6 - 6	25	3.8 U	99 U	860	1.2E-07	7.0E-03	
	E-SB-833M-08	8 - 8	0.68 B	4 U	41 U	590	7.8E-08	3.0E-03	
	E-SB-833M-10	10 - 10	0.68 B	4 U	20 U	73	1.2E-08	1.6E-03	
E-SB-978	E-SB-978-2-2.5	2 - 2.5		30.124	39 U	860	1.1E-07	5.5E-03	
E-SB-1725	E-SB-1725-10-12	10 - 12			16 U	830 J	1.1E-07	1.1E-03	
	E-SB-1725-12-14	12 - 14			16 U	350	4.6E-08	1.1E-03	
	E-SB-1725-14-16	14 - 16			17 U	340	4.5E-08	1.2E-03	
	E-SB-1725-16-18-AVG	16 - 18			17 U	24.5	5.7E-09	1.2E-03	
	E-SB-1725-18-20	18 - 20			17 U	61	1.0E-08	1.2E-03	
E-SB-833B	E-SB-833B-04	4 - 4	0.69 B	3.9 U	20 U	110	1.6E-08	1.6E-03	
	E-SB-833B-06	6 - 6	12	4.1 U	21 U	520	6.7E-08	1.7E-03	
	E-SB-833B-08	8 - 8	11	3.8 U	20 U	150	2.1E-08	1.6E-03	
	E-SB-833B-10	10 - 10	1.4 B	3.9 U	100 U	750	1.1E-07	7.1E-03	
E-SB-1552	E-SB-1552-2-4	2 - 4			16 U	94	1.4E-08	1.1E-03	
	E-SB-1552-4-6	4 - 6			17 U	21 U	4.0E-09	1.2E-03	
	E-SB-1552-6-8-AVG	6 - 8			16.5 U	21.5 U	4.0E-09	1.1E-03	
	E-SB-1552-8-10	8 - 10			17 U	800	1.0E-07	1.2E-03	
	E-SB-1552-10-12	10 - 12			16 U	20 U	3.8E-09	1.1E-03	
	E-SB-1552-12-14	12 - 14			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1552-14-16	14 - 16			19 U	24 U	4.5E-09	1.3E-03	
	E-SB-1552-16-18	16 - 18			18 U	33 J	7.0E-09	1.2E-03	
	E-SB-1552-18-20	18 - 20			16 U	21 U	3.9E-09	1.1E-03	
E-SB-1727	E-SB-1727-10-12	10 - 12			16 U	130	1.9E-08	1.1E-03	
	E-SB-1727-12-14	12 - 14			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1727-14-16	14 - 16			17 U	27 J	6.0E-09	1.2E-03	
	E-SB-1727-16-18	16 - 18			16 U	730	9.4E-08	1.1E-03	
	E-SB-1727-18-20	18 - 20			16 U	21 U	3.9E-09	1.1E-03	
E-SB-1599	E-SB-1599-8-10	8 - 10			16 U	23 J	5.5E-09	1.1E-03	
	E-SB-1599-10-12	10 - 12			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1599-12-14	12 - 14			17 U	57 J	9.8E-09	1.2E-03	
	E-SB-1599-14-16	14 - 16			16 U	700	9.0E-08	1.1E-03	

Table B-5

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #4 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1605	E-SB-1605-4-6	4 - 6			18 U	45 J	8.4E-09	1.2E-03	
	E-SB-1605-6-8	6 - 8			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1605-8-10	8 - 10			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1605-10-12	10 - 12			16 U	650	8.4E-08	1.1E-03	
	E-SB-1605-12-14	12 - 14			17 U	97	1.5E-08	1.2E-03	
	E-SB-1605-14-16	14 - 16			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1605-16-18	16 - 18			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1605-18-20	18 - 20			16 U	21 U	3.9E-09	1.1E-03	
E-SB-833N	E-SB-833N-04	4 - 4	0.23 U	40 U	21 U	210	3.0E-08	3.3E-03	
	E-SB-833N-06	6 - 6	0.25 U	266.862	21 U	80	2.8E-08	2.6E-02	
	E-SB-833N-08	8 - 8	0.51 B	60.2065	100 U	370	6.1E-08	1.2E-02	
	E-SB-833N-10	10 - 10	5.9 J	16 U	100 U	430	6.6E-08	7.6E-03	
E-SB-1607	E-SB-1607-4-6	4 - 6			17 U	21 U	4.0E-09	1.2E-03	
	E-SB-1607-6-8	6 - 8			17 U	21 U	4.0E-09	1.2E-03	
	E-SB-1607-8-10	8 - 10			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1607-10-12	10 - 12			17 U	32 J	6.7E-09	1.2E-03	
	E-SB-1607-12-14	12 - 14			17 U	430	5.6E-08	1.2E-03	
	E-SB-1607-14-16	14 - 16			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1607-16-18	16 - 18			17 U	22 U	4.0E-09	1.2E-03	
	E-SB-1607-18-20	18 - 20			16 U	20 U	3.8E-09	1.1E-03	
SB-834	E-SB-834-05	5 - 5			23 U	280	3.7E-08	1.6E-03	
	E-SB-834-07	7 - 7			20 U	23 J	5.2E-09	1.4E-03	
	E-SB-834-09	9 - 9			22 U	24 J	5.5E-09	1.5E-03	
	E-SB-834-11	11 - 11			22 U	32 J	6.5E-09	1.5E-03	
	E-SB-834-13	13 - 13			110 U	350	5.6E-08	7.5E-03	
	E-SB-834-15	15 - 15			22 U	27 J	5.9E-09	1.5E-03	
E-SB-1603	E-SB-1603-2-4	2 - 4			16 U	200	2.7E-08	1.1E-03	
	E-SB-1603-4-6	4 - 6			17 U	350	4.6E-08	1.2E-03	
	E-SB-1603-6-8	6 - 8			16 U	110	1.6E-08	1.1E-03	
E-SB-1466	E-SB-1466-6-8	6 - 8			17 U	50	8.2E-09	1.2E-03	
	E-SB-1466-8-10	8 - 10			16 U	120	1.7E-08	1.1E-03	
	E-SB-1466-10-12	10 - 12			18 U	260 J	3.4E-08	1.2E-03	
	E-SB-1466-12-14	12 - 14			17 U	39 J	6.8E-09	1.2E-03	
	E-SB-1466-14-16	14 - 16			19 U	97	1.4E-08	1.3E-03	

Table B-5

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #4 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1550	E-SB-1550-2-4	2 - 4			17 U	22 U	4.0E-09	1.2E-03	
	E-SB-1550-4-6	4 - 6			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1550-6-8	6 - 8			17 U	21 U	4.0E-09	1.2E-03	
	E-SB-1550-8-10	8 - 10			17 U	21 U	4.0E-09	1.2E-03	
	E-SB-1550-10-12	10 - 12			16 U	20 U	3.8E-09	1.1E-03	
	E-SB-1550-12-14-AVG	12 - 14			16 U	31.25	6.4E-09	1.1E-03	
	E-SB-1550-14-16	14 - 16			16 U	62	1.0E-08	1.1E-03	
	E-SB-1550-16-18	16 - 18			17 U	280	3.8E-08	1.2E-03	
	E-SB-1550-18-20	18 - 20			16 U	21 U	3.9E-09	1.1E-03	
E-SB-1549	E-SB-1549-2-4	2 - 4			16 U	200	2.7E-08	1.1E-03	
	E-SB-1549-4-6	4 - 6			16 U	110	1.6E-08	1.1E-03	
	E-SB-1549-6-8	6 - 8			16 U	22 J	5.4E-09	1.1E-03	
	E-SB-1549-8-10	8 - 10			17 U	21 U	4.0E-09	1.2E-03	
	E-SB-1549-10-12	10 - 12			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1549-12-14-AVG	12 - 14			17.5 U	22.5 U	4.2E-09	1.2E-03	
	E-SB-1549-14-16	14 - 16			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1549-16-18	16 - 18			17 U	21 U	4.0E-09	1.2E-03	
	E-SB-1549-18-20	18 - 20			16 U	110	1.6E-08	1.1E-03	
E-SB-833J	E-SB-833J-04	4 - 4	1.1 B	3.8 U	20 U	160	2.2E-08	1.6E-03	
	E-SB-833J-06	6 - 6	1.1 B	4 U	20 U	39 J	7.3E-09	1.6E-03	
	E-SB-833J-08	8 - 8	0.46 B	3.9 U	20 U	70	1.1E-08	1.6E-03	
	E-SB-833J-10	10 - 10	520	4.1 U	21 U	180 J	2.7E-08	3.5E-03	
E-SB-833G	E-SB-833G-06	6 - 6	7.5	4.2 U	22 U	83	1.3E-08	1.7E-03	
	E-SB-833G-08	8 - 8	21	4 U	21 U	77	1.3E-08	2.2E-03	
	E-SB-833G-10	10 - 10	0.67 B	3.9 U	20 U	20 U	4.0E-09	1.6E-03	
E-SB-833H	E-SB-833H-06	6 - 6	38	3.9 U	20 U	20 U	4.7E-09	1.7E-03	
	E-SB-833H-08	8 - 8	970	3.8 U	20 U	20 U	1.0E-08	4.7E-03	
	E-SB-833H-10	10 - 10	96	4 U	21 U	21 U	4.2E-09	1.9E-03	
E-SB-1606	E-SB-1606-4-6-AVG	4 - 6			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1606-6-8	6 - 8			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1606-8-10	8 - 10			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1606-10-12	10 - 12			16 U	51 J	8.9E-09	1.1E-03	
	E-SB-1606-12-14	12 - 14			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1606-14-16	14 - 16			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1606-16-18	16 - 18			18 U	23 U	4.3E-09	1.2E-03	
	E-SB-1606-18-20	18 - 20			16 U	20 U	3.7E-09	1.1E-03	
E-SB-833D	E-SB-833D-04	4 - 4	0.57 B	4 U	21 U	21 U	3.9E-09	1.7E-03	
	E-SB-833D-06	6 - 6	2.7 B	4.2 U	22 U	22 U	4.0E-09	1.7E-03	
	E-SB-833D-08	8 - 8	110 J	3.9 U	20 U	48	8.7E-09	1.8E-03	
	E-SB-833D-10	10 - 10	52 B	4.3 U	22 U	22 U	4.7E-09	2.6E-03	

Table B-5

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #4 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1543	E-SB-1543-2-4	2 - 4			16 U	20 U	3.8E-09	1.1E-03	
	E-SB-1543-8-10	8 - 10			16 U	20 U	3.8E-09	1.1E-03	
	E-SB-1543-4-6	4 - 6			17 U	22 U	4.1E-09	1.2E-03	
	E-SB-1543-6-8	6 - 8			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1543-10-12	10 - 12			17 U	21 U	4.0E-09	1.2E-03	
	E-SB-1543-12-14	12 - 14			16 U	47 J	8.4E-09	1.1E-03	
	E-SB-1543-14-16	14 - 16			16 U	22 J	5.3E-09	1.1E-03	
	E-SB-1543-16-18-AVG	16 - 18			17 U	19	5.0E-09	1.2E-03	
	E-SB-1543-18-20	18 - 20			16 U	21 U	3.9E-09	1.1E-03	
E-SB-833C	E-SB-833C-04	4 - 4	0.66 B	3.8 U	20 U	50	8.6E-09	1.6E-03	
	E-SB-833C-06	6 - 6	0.94 B	3.9 U	20 U	24 J	5.4E-09	1.6E-03	
	E-SB-833C-08	8 - 8	0.79 B	4 U	20 U	20 U	3.7E-09	1.6E-03	
	E-SB-833C-10	10 - 10	0.49 B	4.1 U	21 U	27 J	5.9E-09	1.7E-03	
E-SB-1733	E-SB-1733-4-6	4 - 6			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1733-6-8	6 - 8			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1733-8-10	8 - 10			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1733-10-12	10 - 12			17 U	21 U	4.0E-09	1.2E-03	
E-SB-1600	E-SB-1600-8-10	8 - 10			17 U	22 U	4.0E-09	1.2E-03	
	E-SB-1600-10-12	10 - 12			17 U	22 U	4.0E-09	1.2E-03	
	E-SB-1600-12-14	12 - 14			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1600-14-16	14 - 16			17 U	32 J	6.7E-09	1.2E-03	
E-SB-1467	E-SB-1467-10-12	10 - 12			20 U	33 J	6.5E-09	1.4E-03	
	E-SB-1467-12-14	12 - 14			16 U	10 U	2.5E-09	1.1E-03	
	E-SB-1467-14-16	14 - 16			17 U	11 U	2.6E-09	1.2E-03	
	E-SB-1467-16-18-AVG	16 - 18			16 U	10 U	2.5E-09	1.1E-03	
E-SB-977	E-SB-977-2-3	2 - 3		3.7 U	19 U	19 U	5.2E-09	1.5E-03	
	E-SB-977-3-4	3 - 4		3.8 U	20 U	20 U	3.6E-09	1.5E-03	
E-SB-983	E-SB-983-2-4	2 - 4		3.9 U	20 U	20 U	3.6E-09	1.5E-03	
	E-SB-983-4-6	4 - 6		18.441	22 U	22 U	5.0E-09	3.2E-03	
	E-SB-983-6-8	6 - 8		4.1 U	21 U	21 U	3.8E-09	1.6E-03	
	E-SB-983-8-10	8 - 10		4 U	21 U	21 U	3.8E-09	1.6E-03	
	E-SB-983-10-12	10 - 12			20 U	20 U	3.5E-09	1.4E-03	
	E-SB-983-12-14	12 - 14			20 U	20 U	3.5E-09	1.4E-03	
	E-SB-983-14-16	14 - 16			20 U	20 U	3.5E-09	1.4E-03	
	E-SB-983-16-18	16 - 18			20 U	20 U	3.5E-09	1.4E-03	
	E-SB-983-18-20	18 - 20			20 U	20 U	3.6E-09	1.4E-03	

Table B-5

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #4 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
							Total ILCR[3]	Total HI[4]	
E-SB-1729	E-SB-1729-2-4	2 - 4			16 U	20 U	3.7E-09	1.1E-03	
	E-SB-1729-4-6-AVG	4 - 6			16.5 U	20.5 U	3.9E-09	1.1E-03	
	E-SB-1729-6-8	6 - 8			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1729-8-10	8 - 10			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1729-10-12	10 - 12			16 U	20 U	3.8E-09	1.1E-03	
	E-SB-1729-12-14	12 - 14			16 U	21 U	3.9E-09	1.1E-03	
E-SB-1726	E-SB-1726-10-12	10 - 12			15 U	20 U	3.7E-09	1.0E-03	
	E-SB-1726-12-14	12 - 14			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1726-14-16	14 - 16			16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1726-16-18	16 - 18			17 U	22 U	4.0E-09	1.2E-03	
	E-SB-1726-18-20	18 - 20			15 U	20 U	3.7E-09	1.0E-03	
SB-850	E-SB-850-04	2 - 4			1.3 U	1.3 U	2.6E-10	8.9E-05	
	E-SB-850-08	4 - 8			1.4 U	1.4 U	2.8E-10	9.6E-05	
	E-SB-850-12	8 - 12			1.4 U	1.4 U	2.8E-10	9.6E-05	
	E-SB-850-16	12 - 16			1.5 U	1.5 U	3.0E-10	1.0E-04	
	E-SB-850-20	16 - 20			1.4 U	1.4 U	2.8E-10	9.6E-05	
SB-851	E-SB-851-08	7 - 8			1.4 U	1.4 U	2.8E-10	9.6E-05	
	E-SB-851-12	8 - 12			1.4 U	1.4 U	2.8E-10	9.6E-05	
	E-SB-851-16	12 - 16			1.3 U	1.3 U	2.6E-10	8.9E-05	
	E-SB-851-20	16 - 20			1.4 U	1.4 U	2.9E-10	9.6E-05	
SB-849	E-SB-849-08	4 - 8			1.3 U	1.3 U	2.6E-10	8.9E-05	
	E-SB-849-12	8 - 12			1.4 U	1.4 U	2.8E-10	9.6E-05	
	E-SB-849-16	12 - 16			1.4 U	1.4 U	2.8E-10	9.6E-05	
	E-SB-849-20	16 - 20			1.4 U	1.4 U	2.8E-10	9.6E-05	
SB-856	E-SB-856-08	5 - 8			1.4 U	1.4 U	2.8E-10	9.6E-05	
	E-SB-856-12	8 - 12			1.4 U	1.4 U	2.8E-10	9.6E-05	
	E-SB-856-16	12 - 16			1.4 U	1.4 U	2.8E-10	9.6E-05	
	E-SB-856-20	16 - 20			1.4 U	1.4 U	2.8E-10	9.6E-05	

Table B-5

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Transformer Room #4 Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

1 - Sample locations are listed in order from highest to lowest cancer risk.
2 - One half the non-detected value was used for the calculation of benzo(a)pyrene equivalents. If all concentrations were non-detect then the detection limit for benzo(a)pyrene was used as the benzo(a)pyrene equivalent concentration. Original and duplicate samples were averaged when calculating the benzo(a)pyrene equivalent concentration.
3 - Total incremental lifetime cancer risk from exposure to all chemicals of potential concern in soil.
4 - Total hazard index from exposure to all chemicals of potential concern in soil.

A blank space in the concentration column indicates the sample was not analyzed for that parameter.

Gray shading indicates ILCR exceeds $1x10^{-4}$ or HI exceeds 100 and location is considered to be a "hot spot" according to Maryland Department of Environmental Protection guidance (MDE, 2008).

Samples identified for removal are bolded and italicized.

Red shading indicates Aroclor concentration exceeds safety limit of 100,000 µg/kg.

Sample IDs ending in "AVG" indicate an original sample and duplicate was collected at this depth interval. The average of the original and duplicate sample analytical results are presented.

B - analyte found in blank associated with this sample
1,2,4-TCB - 1,2,4-trichlorobenzene
BaPEq - benzo(a)pyrene equivalent
HI - hazard index
ILCR - incremental lifetime cancer risk
J - estimated value
PRG - preliminary remedial goal
U - not detected
UCL - upper confidence level
µg/kg - microgram per kilogram

Table B-6

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Southeast Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	TCE (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker Total ILCR[3]	Construction Worker Total HI[4]	Comments
Samples Needing Removal to Achieve an 95% UCL that Meets PRGs.										
E-SB-1713	***E-SB-1713-2-3***	*2 - 3*				*3,500,000 J*	*41,000 U*	*4.5E-04*	*4.8E+02*	
E-VB-11	***E-VB-11-072913-0-3***	*0 - 3*	*9,100 B*	*7,500,000*	*2,540*	*400 U*	*1,400*	*2.2E-04*	*1.8E+03*	
E-SB-1456	***E-SB-1456-2-3***	*2 - 3*				*1,700,000*	*100,000 U*	*2.3E-04*	*2.3E+02*	
	E-SB-1456-3-4	*3 - 4*				*240*	*50 U*	*3.8E-08*	*3.3E-02*	
	E-SB-1456-4-5	*4 - 5*				*210*	*10 U*	*2.8E-08*	*2.9E-02*	
	E-SB-1456-5-6	*5 - 6*				*1,100,000*	*100,000 U*	*1.6E-04*	*1.5E+02*	Samples needing removal to meet PRGs for construction workers exposed to 1,2,4-TCB (530,000 µg/kg or 530 mg/kg), TCE (3,900 µg/kg or 3.9 mg/kg), BaPEq (10,900 µg/kg or 10 mg/kg), Aroclor 1254 (7,000 µg/kg or 7 mg/kg), and Aroclor 1260 (58,000 µg/kg or 58 mg/kg) and a cumulative cancer risk level of $1x10^{-5}$. Site 95% UCLs are 1,2,4-TCB (69 µg/kg), TCE (2,480 µg/kg), BaPEq (1,170 µg/kg), Aroclor 1254 (5,760 µg/kg), and Aroclor 1260 (619 µg/kg). The residual ILCR would be $2x10^{-6}$ and the residual cumulative HI would be 2, but HIs on a target organ basis are all less than 1.
E-SB-1751	***E-SB-1751-2-3***	*2 - 3*				*1,100,000*	*42,000 U*	*1.5E-04*	*1.5E+02*	
	E-SB-1751-3-4	3 - 4				1,100	21 U	1.4E-07	1.5E-01	
	E-SB-1751-4-6	4 - 6				35 J	21 U	7.3E-09	4.8E-03	
	E-SB-1751-6-8	6 - 8				41 J	20 U	8.0E-09	5.6E-03	
	E-SB-1751-8-10	8 - 10				41 J	21 U	8.1E-09	5.6E-03	
	E-SB-1751-10-12	10 - 12				34 J	21 U	7.2E-09	4.6E-03	
E-SB-1378	***E-SB-1378-2-3***	*2 - 3*				*450,000*	*8,900 U*	*5.9E-05*	*6.1E+01*	
	E-SB-1378-3-4	3 - 4				6,200	95 U	8.1E-07	8.5E-01	
	E-SB-1378-4-5	4 - 5				4,600	47 U	6.0E-07	6.3E-01	
	E-SB-1378-5-6	5 - 6				3,800	690	5.7E-07	5.2E-01	
	E-SB-1378-6-7	6 - 7				4,100	45 U	5.3E-07	5.6E-01	
	E-SB-1378-7-8	7 - 8				3,000	43 U	3.9E-07	4.1E-01	
E-SB-1028	***E-SB-1028-08***	*8 - 8*	*580 U*	*730,000*	*23.5*	*39 U*	*360*	*2.1E-05*	*1.7E+02*	
	E-SB-1028-09	*9 - 9*	*68 U*	*60,000*	*24.9*	*20 U*	*20 U*	*1.8E-06*	*1.4E+01*	
	E-SB-1028-10	10 - 10	0.24 U	49				1.5E-09	1.2E-02	
	E-SB-1028-12	12 - 12	0.23 U	16				5.0E-10	3.8E-03	
E-SB-1027	***E-SB-1027-05***	*5 - 5*	*14 U*	*13,000*	*10.2*	*20 U*	*25 J*	*3.9E-07*	*3.1E+00*	
	E-SB-1027-07	*7 - 7*	*42 U*	*50,000*	*70.2*	*20 U*	*110*	*1.5E-06*	*1.2E+01*	
	E-SB-1027-08	*8 - 8*	*29 U*	*32,000*		*20 U*	*20 U*	*9.4E-07*	*7.6E+00*	
	E-SB-1027-12	12 - 12	0.22 U	23		20 U	20 U	4.2E-09	6.8E-03	
Additional Samples Included with PCB Concentrations Greater than 100,000 µg/kg or 100 mg/kg										
E-VB-04	***E-VB-4-070213-03***	*0 - 3*				*260,000*	*19,000 U*	*3.5E-05*	*3.5E+01*	Additional samples included with PCB concentrations greater than 100 mg/kg. Site 95% UCLs are 1,2,4-TCB (69 µg/kg), TCE (2,480 µg/kg), BaPEq (1,170 µg/kg), Aroclor 1254 (1,970 µg/kg), and Aroclor 1260 (616 µg/kg). The residual ILCR would be $1x10^{-6}$ and the residual cumulative HI would be 1.
E-VB-01	***E-VB-1-070213-03***	*0 - 3*				*150,000*	*9,300 U*	*2.0E-05*	*2.0E+01*	
E-SB-1448	***E-SB-1448-2-3***	*2 - 3*				*130,000*	*10,000 U*	*1.8E-05*	*1.8E+01*	
	E-SB-1448-3-4	3 - 4				42	10 U	6.9E-09	5.7E-03	
	E-SB-1448-4-5	4 - 5				31 J	10 U	5.4E-09	4.2E-03	
	E-SB-1448-5-6	5 - 6				16 U	10 U	2.5E-09	1.1E-03	
Samples with PCB Concentrations Less Than 100,000 µg/kg or 100 mg/kg and ILCRs < $1x10^{-4}$ and/or HIs < 100										
E-SB-1375	E-SB-1375-5-6	5 - 6				80,000	2,400 U	1.1E-05	1.1E+01	
	E-SB-1375-6-7	6 - 7				8,100	230 U	1.1E-06	1.1E+00	
	E-SB-1375-3-4	3 - 4				1,200	150	1.7E-07	1.6E-01	
	E-SB-1375-4-5	4 - 5				530	22 U	7.1E-08	7.2E-02	
	E-SB-1375-7-8	7 - 8				63	4.7 U	8.7E-09	8.6E-03	

Table B-6

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Southeast Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	TCE (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
								Total ILCR[3]	Total HI[4]	
E-SB-1754	E-SB-1754-2-3	2 - 3				74,000	4,100 U	1.0E-05	1.0E+01	
	E-SB-1754-3-4	3 - 4				2,500	110 U	3.4E-07	3.4E-01	
	E-SB-1754-4-6-AVG	4 - 6				54	25.5	1.2E-08	7.4E-03	
	E-SB-1754-10-12	10 - 12				66	22 U	1.1E-08	9.0E-03	
	E-SB-1754-6-8	6 - 8				45 J	22 U	8.7E-09	6.1E-03	
	E-SB-1754-8-10	8 - 10				20 J	22 U	5.5E-09	2.7E-03	
SB-501	SB-501-0810	8 - 10	69,000	2900 U	390 U	3,900 U	24,000	4.2E-06	1.2E+00	
	SB-501-0406	4 - 6	4,800	280 U	370 U	740 U	5,800	1.0E-06	2.9E-01	
E-SB-1374	E-SB-1374-2-3	2 - 3				25,000	6,300	4.0E-06	3.4E+00	
	E-SB-1374-4-5	4 - 5				6 U	29 J	4.4E-09	4.1E-04	
	E-SB-1374-5-6	5 - 6				5.9 U	18 J	3.0E-09	4.0E-04	
	E-SB-1374-3-4	3 - 4				5.4 U	15 J	2.6E-09	3.7E-04	
	E-SB-1374-7-8	7 - 8				6.6 U	5.5 U	1.2E-09	4.5E-04	
	E-SB-1374-6-7	6 - 7				5.6 U	4.8 U	1.0E-09	3.8E-04	
SB-555	SB-555-4	4 - 4				9,800	7,800	2.3E-06	1.3E+00	
	SB-555-8	8 - 8				19 U	250	3.4E-08	1.3E-03	
	SB-555-6	6 - 6				18 U	18 U	3.5E-09	1.2E-03	
E-VB-02	E-VB-2-070213-03	0 - 3				15,000	910 U	2.0E-06	2.0E+00	
E-SB-1005	E-SB-1005-2-3	2 - 3				2,000 U	12,000	1.7E-06	1.4E-01	
PUSTGBR	PUSTGBR-030916	4 - 4	0.47 U	7.3	21,321	88 U	610	1.3E-06	2.0E+00	
E-SB-1453	E-SB-1453-2-3	2 - 3				770 U	9,800	1.3E-06	5.3E-02	
	E-SB-1453-3-4	3 - 4				15 U	27 J	5.1E-09	1.0E-03	
	E-SB-1453-6-7	6 - 7				19 U	12 U	3.0E-09	1.3E-03	
	E-SB-1453-4-5	4 - 5				17 U	11 U	2.6E-09	1.2E-03	
	E-SB-1453-5-6	5 - 6				17 U	11 U	2.6E-09	1.2E-03	
	E-SB-1453-7-8	7 - 8				17 U	11 U	2.6E-09	1.2E-03	
E-SB-1032	E-SB-1032-12	12 - 12	37 U	43,000		22 U	22 U	1.3E-06	1.0E+01	
	E-SB-1032-05	5 - 5	6.2 U	2,900	0.72 U	21 U	21 U	8.9E-08	6.9E-01	
	E-SB-1032-08	8 - 8	5.9 U	1,700		20 U	20 U	6.3E-08	4.1E-01	
E-SB-1384	E-SB-1384-3-4	3 - 4				8,100	87 U	1.1E-06	1.1E+00	
	E-SB-1384-4-5	4 - 5				26 J	4.4 U	3.9E-09	3.5E-03	
	E-SB-1384-5-6	5 - 6				7.5 J	4.2 U	1.5E-09	1.0E-03	
	E-SB-1384-7-8	7 - 8				5.6 U	4.7 U	1.0E-09	3.8E-04	
	E-SB-1384-6-7	6 - 7				5.5 U	4.6 U	1.0E-09	3.8E-04	
E-SB-890	E-SB-890-2-4	2 - 4			3.7 U	3,000	190 U	8.3E-07	5.0E-01	
	E-SB-890-4-10	4 - 10			3.9 U	230	100 U	4.1E-08	3.2E-02	
E-SB-995	E-SB-995-2-3	2 - 3				960 U	5,500	8.0E-07	6.5E-02	
E-SB-1627	E-SB-1627-4-6	4 - 6				5,700 J	200 U	7.6E-07	7.8E-01	
	E-SB-1627-2-4	2 - 4				17 U	41 J	7.8E-09	1.2E-03	
	E-SB-1627-6-8	6 - 8				22 J	20 U	5.5E-09	3.0E-03	
E-SB-958	E-SB-958-2-3	2 - 3			62.4	200 U	3,000	7.4E-07	1.9E-01	
	E-SB-958-3-4	3 - 4			3.9 U	20 U	290	3.9E-08	1.5E-03	

Table B-6

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Southeast Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	TCE (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
								Total ILCR[3]	Total HI[4]	
E-SB-1377	E-SB-1377-3-4	3 - 4				5,400	95 U	7.1E-07	7.4E-01	
	E-SB-1377-7-8	7 - 8				150	4.8 U	2.0E-08	2.0E-02	
	E-SB-1377-4-5	4 - 5				81	5 U	1.1E-08	1.1E-02	
	E-SB-1377-5-6	5 - 6				33 J	4.9 U	4.9E-09	4.5E-03	
	E-SB-1377-6-7	6 - 7				5.3 U	4.5 U	9.6E-10	3.6E-04	
E-SB-1455	E-SB-1455-2-3	2 - 3				5,100	210 U	6.8E-07	7.0E-01	
	E-SB-1455-5-6	5 - 6				270	10 U	3.6E-08	3.7E-02	
	E-SB-1455-3-4-AVG	3 - 4				45	10 U	7.2E-09	6.1E-03	
	E-SB-1455-4-5	4 - 5				27 J	11 U	5.0E-09	3.7E-03	
	E-SB-1455-7-8	7 - 8				17 U	11 U	2.6E-09	1.2E-03	
	E-SB-1455-6-7	6 - 7				16 U	10 U	2.5E-09	1.1E-03	
E-SB-1382	E-SB-1382-3-4	3 - 4				110 U	5,100	6.5E-07	7.5E-03	
	E-SB-1382-4-5	4 - 5				27 U	590	7.7E-08	1.8E-03	
	E-SB-1382-5-6	5 - 6				15 J	4.6 U	2.6E-09	2.0E-03	
	E-SB-1382-7-8	7 - 8				5.7 U	4.8 U	1.0E-09	3.9E-04	
	E-SB-1382-6-7	6 - 7				5.3 U	4.4 U	9.5E-10	3.6E-04	
E-SB-1454	E-SB-1454-2-3	2 - 3				330 U	4,500	6.0E-07	2.3E-02	
	E-SB-1454-5-6	5 - 6				160 U	1,000	1.4E-07	1.1E-02	
	E-SB-1454-3-4	3 - 4				47	9.9 U	7.4E-09	6.4E-03	
	E-SB-1454-7-8	7 - 8				16 U	11 U	2.6E-09	1.1E-03	
	E-SB-1454-6-7	6 - 7				16 U	10 U	2.4E-09	1.1E-03	
	E-SB-1454-4-5	4 - 5				15 U	10 U	2.4E-09	1.0E-03	
E-SB-1744	E-SB-1744-2-4-AVG	2 - 4				4450	150 U	5.9E-07	6.1E-01	
	E-SB-1744-4-6	4 - 6				64 J	21 U	1.1E-08	8.7E-03	
	E-SB-1744-6-8	6 - 8				42 J	22 U	8.3E-09	5.7E-03	
	E-SB-1744-8-10	8 - 10				18 J	20 U	5.1E-09	2.5E-03	
E-SB-1381	E-SB-1381-4-5	4 - 5				4,300	86 U	5.6E-07	5.9E-01	
	E-SB-1381-5-6	5 - 6				260	4.9 U	3.4E-08	3.5E-02	
	E-SB-1381-6-7	6 - 7				190	4.8 U	2.5E-08	2.6E-02	
	E-SB-1381-7-8	7 - 8				61	17 U	9.4E-09	8.3E-03	
	E-SB-1381-3-4	3 - 4				59	4.6 U	8.2E-09	8.1E-03	
E-SB-1042	E-SB-1042-03	3 - 3	0.26 U	6	1,156	390 U	3,600	5.6E-07	1.4E-01	
	E-SB-1042-05	5 - 5	0.23 U	0.35 U	6,550	20 U	68	3.9E-07	6.1E-01	
	E-SB-1042-07	7 - 7	0.22 U	0.43 J	16.9	20 U	20 U	4.8E-09	3.1E-03	
SB-569	SB-569-4	4 - 4				380 U	4,000	5.5E-07	2.6E-02	
	SB-569-8	8 - 8				19 U	300	4.0E-08	1.3E-03	
	SB-569-6	6 - 6				20 U	33	6.7E-09	1.4E-03	
SB-505	SB-505-0810	8 - 10	0.45 B	6.3 U	239	210 U	650	4.6E-07	3.2E-01	
	SB-505-0406	4 - 6	5.8 U	5.8 U	380 U	38 U	15 J	3.3E-07	3.3E-01	
E-SB-893	E-SB-893-2-6	2 - 6			45.2	240	19 U	4.6E-07	1.9E-01	
	E-SB-893-6-10	6 - 10			3.8 U	20 U	20 U	3.6E-09	1.5E-03	
E-VB-09	E-VB-9-072913-0-3	0 - 3	0.24 U	1.9 J	50.1	3,400	93 U	4.5E-07	4.7E-01	

Table B-6

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Southeast Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	TCE (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
								Total ILCR[3]	Total HI[4]	
E-SB-1035	E-SB-1035-12	12 - 12	24 U	15,000		20 U	20 U	4.4E-07	3.6E+00	
	E-SB-1035-08	8 - 8	7.3 U	5,700		19 U	19 U	1.7E-07	1.4E+00	
	E-SB-1035-03	3 - 3	6.1 U	230	171	37 U	370	6.8E-08	7.3E-02	
	E-SB-1035-05	5 - 5	6.6 U	670	0.7 U	19 U	19 U	2.4E-08	1.6E-01	
E-SB-1577	E-SB-1577-10-12	10 - 12	59 U	14,000				4.1E-07	3.3E+00	
	E-SB-1577-6-8	6 - 8	22 U	600				1.9E-08	1.4E-01	
	E-SB-1577-2-4	2 - 4	23 U	290				1.0E-08	6.9E-02	
	E-SB-1577-4-6	4 - 6	23 U	32 U				2.4E-09	4.0E-03	
E-SB-896	E-SB-896-2-6	2 - 6			65.7	130	19 U	4.0E-07	1.7E-01	
	E-SB-896-6-10	6 - 10			4.1 U	21 U	21 U	3.8E-09	1.6E-03	
E-SB-889	E-SB-889-2-6	2 - 6			33.8	48	20 U	4.0E-07	1.5E-01	
	E-SB-889-6-10	6 - 10			3.6 U	43 J	18 U	7.7E-09	6.0E-03	
E-SB-909	E-SB-909-2-6	2 - 6			3.8 U	20 U	20 U	3.6E-07	1.9E-01	
	E-SB-909-6-10	6 - 10			3.9 U	20 U	20 U	3.6E-09	1.5E-03	
E-SB-887	E-SB-887-2-6	2 - 6			3.6 U	18 U	18 U	3.4E-07	9.5E-02	
	E-SB-887-6-10	6 - 10			3.9 U	20 U	20 U	3.6E-09	1.5E-03	
E-SB-1574	E-SB-1574-10-12	10 - 12	47 U	11,000				3.2E-07	2.6E+00	
	E-SB-1574-6-8	6 - 8	24 U	1,700				5.1E-08	4.0E-01	
	E-SB-1574-4-6	4 - 6	23 U	1,000				3.1E-08	2.4E-01	
	E-SB-1574-2-4	2 - 4	23 U	330				1.1E-08	7.9E-02	
E-SB-908	E-SB-908-2-6	2 - 6			3.6 U	19 U	19 U	3.0E-07	1.7E-01	
	E-SB-908-6-10	6 - 10			3.7 U	19 U	19 U	3.5E-09	1.5E-03	
E-SB-898	E-SB-898-2-8	2 - 8			8.30	19 U	120	2.6E-07	9.5E-02	
	E-SB-898-8-11	8 - 11			3.9 U	20 U	120	1.7E-08	1.5E-03	
E-SB-900	E-SB-900-2-6	2 - 6			3.6 U	19 U	29 J	2.6E-07	8.3E-02	
	E-SB-900-6-10-AVG	6 - 10			3.7 U	19 U	19 U	3.5E-09	1.5E-03	
E-SB-903	E-SB-903-2-6	2 - 6			3.5 U	18 U	18 U	2.4E-07	1.3E-01	
	E-SB-903-6-10	6 - 10			3.8 U	20 U	20 U	3.6E-09	1.5E-03	
E-SB-1038	E-SB-1038-12	12 - 12	14 U	7,800		20 U	20 U	2.3E-07	1.9E+00	
	E-SB-1038-08	8 - 8	6.2 U	4,700		19 U	19 U	1.4E-07	1.1E+00	
	E-SB-1038-07	7 - 7	6 U	1,500	0.71 U	19 U	19 U	4.8E-08	3.6E-01	
	E-SB-1038-05	5 - 5	0.24 U	270 E	0.73 U	19 U	19 U	1.1E-08	6.6E-02	
	E-SB-1038-05RE2	5 - 5	7.4 U	170 J		20 U	20 U	9.8E-09	4.2E-02	
E-SB-1626	E-SB-1626-4-6	4 - 6				1700 J	100 U	2.3E-07	2.3E-01	
	E-SB-1626-2-4	2 - 4				100 J	21 U	1.6E-08	1.4E-02	
	E-SB-1626-6-8	6 - 8				16 U	21 U	3.9E-09	1.1E-03	
PUSTG	PUSTG-030916	4.3 - 4.3	0.44 U	1.5 J	2812.2	83 U	460	2.3E-07	2.7E-01	
E-SB-1372	E-SB-1372-4-5	4 - 5				55 U	1,800	2.3E-07	3.8E-03	
	E-SB-1372-3-4	3 - 4				6.1 U	160	2.1E-08	4.2E-04	
	E-SB-1372-2-3	2 - 3				5.4 U	130	1.7E-08	3.7E-04	
	E-SB-1372-5-6	5 - 6				5.4 U	64	8.7E-09	3.7E-04	
	E-SB-1372-6-7	6 - 7				5.5 U	8.9 J	1.8E-09	3.8E-04	
	E-SB-1372-7-8	7 - 8				5.7 U	4.8 U	1.0E-09	3.9E-04	

Table B-6

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Southeast Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	TCE (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
								Total ILCR[3]	Total HI[4]	
E-SB-1580	E-SB-1580-10-12	10 - 12	39 U	7,600				2.2E-07	1.8E+00	
	E-SB-1580-6-8	6 - 8	0.17 U	35				1.0E-09	8.3E-03	
	E-SB-1580-2-4	2 - 4	0.21 U	0.86 J				4.9E-11	2.1E-04	
	E-SB-1580-4-6	4 - 6	0.17 U	0.96 J				4.8E-11	2.3E-04	
E-SB-1753	E-SB-1753-3-4	3 - 4				1700	40 U	2.2E-07	2.3E-01	
	E-SB-1753-4-6	4 - 6				690 J	19 U	9.1E-08	9.4E-02	
	E-SB-1753-6-8	6 - 8				16 U	21 U	3.9E-09	1.1E-03	
	E-SB-1753-8-10-AVG	8 - 10				16 U	21 U	3.9E-09	1.1E-03	
SB-500	SB-500-0810	8 - 10	6 U	6 U	400 U	40 U	40 U	2.2E-07	2.0E-01	
	SB-500-0406	4 - 6	5.6 U	5.6 U	370 U	37 U	37 U	1.5E-07	1.7E-01	
E-SB-1379	E-SB-1379-3-4	3 - 4				1,500	25 U	2.0E-07	2.0E-01	
	E-SB-1379-5-6	5 - 6				390	9.6 U	5.1E-08	5.3E-02	
	E-SB-1379-4-5	4 - 5				100	4.7 U	1.3E-08	1.4E-02	
	E-SB-1379-6-7	6 - 7				50	4.7 U	7.1E-09	6.8E-03	
	E-SB-1379-7-8	7 - 8				5.5 U	4.6 U	1.0E-09	3.8E-04	
E-SB-1380	E-SB-1380-5-6	5 - 6				1,400	23 U	1.8E-07	1.9E-01	
	E-SB-1380-4-5	4 - 5				350	4.3 U	4.5E-08	4.8E-02	
	E-SB-1380-6-7	6 - 7				230 J	4.5 U	3.0E-08	3.1E-02	
	E-SB-1380-3-4	3 - 4				120	53	2.3E-08	1.6E-02	
	E-SB-1380-7-8	7 - 8				13 J	4.8 U	2.3E-09	1.8E-03	
E-SB-1039	E-SB-1039-07	7 - 7	9.1 U	6,000	0.75 U	20 U	20 U	1.8E-07	1.4E+00	
	E-SB-1039-08	8 - 8	6.2 U	6,100				1.8E-07	1.5E+00	
	E-SB-1039-05	5 - 5	5.6 U	1,100	0.71 U	19 U	19 U	3.6E-08	2.6E-01	
	E-SB-1039-12	12 - 12	6.6 U	650				2.0E-08	1.5E-01	
E-SB-1030	E-SB-1030-06	6 - 6	5.5 U	5,000	0.73 U	19 U	91	1.6E-07	1.2E+00	
	E-SB-1030-12	12 - 12	5.7 U	1,900				5.6E-08	4.5E-01	
	E-SB-1030-10	10 - 10	6.5 U	1,400				4.2E-08	3.3E-01	
	E-SB-1030-08	8 - 8	6.4 U	630	0.74 U	19 U	19 U	2.3E-08	1.5E-01	
E-SB-1029	E-SB-1029-10	10 - 10	6.4 U	4,800		19 U	19 U	1.5E-07	1.1E+00	
	E-SB-1029-08	8 - 8	6.3 U	800	6.44	19 U	19 U	2.8E-08	1.9E-01	
	E-SB-1029-05	5 - 5	6.3 U	300	0.73 U	20 U	20 U	1.3E-08	7.3E-02	
	E-SB-1029-12	12 - 12	0.24 U	6.9		20 U	20 U	3.8E-09	3.0E-03	
PUSTD	PUSTD-030816	2 - 2	0.44 U	0.44 U	24.765	170 U	990	1.4E-07	1.4E-02	
E-SB-1376	E-SB-1376-6-7	6 - 7				1,100	22 U	1.4E-07	1.5E-01	
	E-SB-1376-4-5	4 - 5				670	9.4 U	8.7E-08	9.1E-02	
	E-SB-1376-5-6	5 - 6				620	9.3 U	8.1E-08	8.5E-02	
	E-SB-1376-3-4	3 - 4				370	4.5 U	4.8E-08	5.0E-02	
	E-SB-1376-7-8	7 - 8				33 J	4.5 U	4.9E-09	4.5E-03	
E-SB-1036	E-SB-1036-08	8 - 8	6.2 U	4,400		19 U	19 U	1.3E-07	1.0E+00	
	E-SB-1036-03	3 - 3	6.4 U	1,400	0.73 U	19 U	19 U	4.5E-08	3.3E-01	
	E-SB-1036-12	12 - 12	6.1 U	940		20 U	20 U	3.2E-08	2.3E-01	
	E-SB-1036-05	5 - 5	6.6 U	850	0.75 U	20 U	20 U	2.9E-08	2.0E-01	

Table B-6

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Southeast Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	TCE (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
								Total ILCR[3]	Total HI[4]	
SB-555A	SB-555A-12	12 - 12				93 U	710	1.0E-07	6.3E-03	
	SB-555A-14	14 - 14				20 U	38 J	7.3E-09	1.4E-03	
	SB-555A-10	10 - 10				20 U	20 U	3.9E-09	1.4E-03	
E-SB-1576	E-SB-1576-10-12	10 - 12	23 U	3,300				9.8E-08	7.9E-01	
	E-SB-1576-6-8	6 - 8	0.18 U	1.1 J				5.4E-11	2.6E-04	
	E-SB-1576-2-4	2 - 4	0.19 U	0.32 U				2.7E-11	4.0E-05	
	E-SB-1576-4-6	4 - 6	0.18 U	0.31 U				2.6E-11	3.9E-05	
E-SB-996	E-SB-996-2-3	2 - 3				200 U	550	9.1E-08	1.4E-02	
SB-845	E-SB-845-13	13 - 13				110 U	590	8.6E-08	7.5E-03	
	E-SB-845-09	9 - 9				94 U	350	5.4E-08	6.4E-03	
	E-SB-845-03	3 - 3				44	19 U	7.8E-09	6.0E-03	
	E-SB-845-15	15 - 15				20 U	20 U	3.6E-09	1.4E-03	
	E-SB-845-07	7 - 7				20 U	20 U	3.5E-09	1.4E-03	
	E-SB-845-11	11 - 11				20 U	20 U	3.5E-09	1.4E-03	
	E-SB-845-05	5 - 5				18 U	18 U	3.2E-09	1.2E-03	
SB-841	E-SB-841-13	13 - 13				20 U	670	8.6E-08	1.4E-03	
	E-SB-841-09	9 - 9				20 U	140	2.0E-08	1.4E-03	
	E-SB-841-07	7 - 7				20 U	68	1.1E-08	1.4E-03	
	E-SB-841-05	5 - 5				19 U	35 J	6.6E-09	1.3E-03	
	E-SB-841-15	15 - 15				20 U	20 U	3.6E-09	1.4E-03	
	E-SB-841-11	11 - 11				20 U	20 U	3.5E-09	1.4E-03	
	E-SB-841-03	3 - 3				19 U	19 U	3.4E-09	1.3E-03	
E-SB-1449	E-SB-1449-3-4	3 - 4				560	53 U	7.9E-08	7.6E-02	
	E-SB-1449-2-3-AVG	2 - 3				300	10.5 U	4.0E-08	4.1E-02	
	E-SB-1449-5-6	5 - 6				61	11 U	9.4E-09	8.3E-03	
	E-SB-1449-4-5	4 - 5				61	10 U	9.3E-09	8.3E-03	
E-SB-1749	E-SB-1749-2-4	2 - 4				580	21 U	7.7E-08	7.9E-02	
	E-SB-1749-4-6	4 - 6				27 J	20 U	6.2E-09	3.7E-03	
E-SB-1755	E-SB-1755-3-4	3 - 4				520	21 U	7.0E-08	7.1E-02	
	E-SB-1755-4-6	4 - 6				30 J	21 U	6.7E-09	4.1E-03	
E-VB-12	E-VB-12-072913-0-3	0 - 3	0.22 U	32	146	92 U	350	6.4E-08	2.8E-02	
SB-844	E-SB-844-09	9 - 9				110 U	400	6.2E-08	7.5E-03	
	E-SB-844-13	13 - 13				21 U	170	2.4E-08	1.4E-03	
	E-SB-844-05	5 - 5				22 U	120	1.7E-08	1.5E-03	
	E-SB-844-03	3 - 3				23 U	23 U	4.0E-09	1.6E-03	
	E-SB-844-07	7 - 7				21 U	21 U	3.7E-09	1.4E-03	
	E-SB-844-11	11 - 11				20 U	20 U	3.5E-09	1.4E-03	
	E-SB-844-15	15 - 15				20 U	20 U	3.5E-09	1.4E-03	
SB-570	SB-570-4	4 - 4				36 U	390	5.3E-08	2.5E-03	
E-VB-07	E-VB-7-072913-0-3	0 - 3	0.28 U	4.5 J	9.63	200 U	220 J	5.1E-08	1.6E-02	
E-SB-957	E-SB-957-2-3	2 - 3			10.8	19 U	320	4.3E-08	2.3E-03	
	E-SB-957-3-4	3 - 4			4.4 U	20 U	23 J	5.3E-09	1.6E-03	

Table B-6

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Southeast Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	TCE (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
								Total ILCR[3]	Total HI[4]	
E-SB-1573	E-SB-1573-10-12	10 - 12	24 U	1,400				4.3E-08	3.3E-01	
	E-SB-1573-6-8	6 - 8	0.17 U	7.1				2.3E-10	1.7E-03	
	E-SB-1573-4-6	4 - 6	0.17 U	2.9 J				1.0E-10	6.9E-04	
	E-SB-1573-2-4	2 - 4	0.18 U	1.8 J				7.3E-11	4.3E-04	
E-VB-03	E-VB-3-070213-03	0 - 3				310	19 U	4.2E-08	4.2E-02	
E-SB-1750	E-SB-1750-10-12	10 - 12				290	22 U	4.0E-08	4.0E-02	
	E-SB-1750-3-4	3 - 4				200	21 U	2.9E-08	2.7E-02	
	E-SB-1750-6-8	6 - 8				79	20 U	1.3E-08	1.1E-02	
	E-SB-1750-8-10	8 - 10				64	21 U	1.1E-08	8.7E-03	
	E-SB-1750-4-6	4 - 6				32 J	20 U	6.8E-09	4.4E-03	
E-SB-1370	E-SB-1370-4-5	4 - 5				10 U	290	3.7E-08	6.8E-04	
	E-SB-1370-5-6	5 - 6				5.1 U	83	1.1E-08	3.5E-04	
	E-SB-1370-3-4	3 - 4				29 J	17 U	5.3E-09	4.0E-03	
	E-SB-1370-2-3	2 - 3				5.4 U	12 J	2.2E-09	3.7E-04	
	E-SB-1370-6-7	6 - 7				5.7 U	4.8 U	1.0E-09	3.9E-04	
	E-SB-1370-7-8	7 - 8				5.5 U	4.6 U	9.9E-10	3.8E-04	
E-SB-1041	E-SB-1041-04	4 - 4	6.3 U	260	11.6	48 U	180	3.7E-08	6.6E-02	
	E-SB-1041-06	6 - 6	0.2 U	0.32 U	6.34	20 U	20 U	3.9E-09	2.0E-03	
	E-SB-1041-08	8 - 8	0.22 U	0.34 U	0.73 U	20 U	20 U	3.6E-09	1.4E-03	
SUSP2	SUSP2-030816	2.5 - 2.5	0.43 U	0.43 U	366.555	17 U	70	3.2E-08	3.5E-02	
E-SB-897	E-SB-897-2-3.5	2 - 3.5			103	20 U	140	2.6E-08	1.1E-02	
	E-SB-897-6.5-10	6.5 - 10			7.32	20 U	20 U	4.0E-09	2.0E-03	
SB-561	SB-561-8	8 - 8				19 U	180	2.5E-08	1.3E-03	
	SB-561-6	6 - 6				18 U	18 U	3.5E-09	1.2E-03	
E-SB-1515	E-SB-1515-4-6	4 - 6	29 U	780 J				2.5E-08	1.9E-01	
	E-SB-1515-2-4-AVG	2 - 4	14.68 U	460 U				7.6E-09	5.5E-02	
E-SB-1033	E-SB-1033-08	8 - 8	6.9 U	770				2.4E-08	1.8E-01	
	E-SB-1033-05	5 - 5	5.9 U	660	0.71 U	19 U	19 U	2.4E-08	1.6E-01	
	E-SB-1033-12	12 - 12	0.22 U	340 J				9.9E-09	8.1E-02	
E-SB-1516	E-SB-1516-3-4	3 - 4	24 U	740				2.3E-08	1.8E-01	
	E-SB-1516-4-6	4 - 6	0.31 U	160				4.7E-09	3.8E-02	
E-SB-904	E-SB-904-2-6	2 - 6			15 U	19 U	140	2.0E-08	2.0E-03	
	E-SB-904-6-10	6 - 10			3.8 U	19 U	19 U	3.5E-09	1.5E-03	
E-SB-1026	E-SB-1026-03	3 - 3	0.25 U	8.3	0.72 U	19 U	140	2.0E-08	3.3E-03	
	E-SB-1026-05	5 - 5	0.23 U	0.36 J	0.74 U	19 U	19 U	3.5E-09	1.4E-03	
	E-SB-1026-12	12 - 12	0.24 U	0.52 J				5.3E-11	1.3E-04	
	E-SB-1026-08	8 - 8	0.27 U	0.41 U				4.8E-11	5.2E-05	
E-SB-1000	E-SB-1000-2-3	2 - 3				19 U	140	2.0E-08	1.3E-03	
E-SB-993	E-SB-993-2-3	2 - 3				19 U	140	2.0E-08	1.3E-03	
E-SB-1752	E-SB-1752-3-4	3 - 4				130	21 U	1.9E-08	1.8E-02	
	E-SB-1752-4-6	4 - 6				17 U	22 U	4.0E-09	1.2E-03	

Table B-6

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Southeast Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	TCE (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
								Total ILCR[3]	Total HI[4]	
E-SB-1373	E-SB-1373-2-3	2 - 3				5.9 U	150	1.9E-08	4.0E-04	
	E-SB-1373-6-7	6 - 7				5.8 U	5.9 J	1.5E-09	4.0E-04	
	E-SB-1373-7-8	7 - 8				5.8 U	4.9 U	1.1E-09	4.0E-04	
	E-SB-1373-4-5	4 - 5				5.7 U	4.8 U	1.0E-09	3.9E-04	
	E-SB-1373-5-6	5 - 6				5.7 U	4.8 U	1.0E-09	3.9E-04	
	E-SB-1373-3-4	3 - 4				5.6 U	4.8 U	1.0E-09	3.8E-04	
E-SB-999	E-SB-999-2-3	2 - 3				93 U	93 U	1.6E-08	6.3E-03	
E-SB-906	E-SB-906-6-10	6 - 10			191	20 U	20 U	1.5E-08	1.9E-02	
	E-SB-906-2-6-AVG	2 - 6			19.6	18.5 U	18.5 U	4.4E-09	3.1E-03	
E-SB-895	E-SB-895-6-10	6 - 10			3.8 U	20 U	98	1.5E-08	1.5E-03	
	E-SB-895-2-6	2 - 6			3.7 U	19 U	59	9.7E-09	1.5E-03	
E-SB-888	E-SB-888-6-10	6 - 10			22.0	20 U	81 J	1.4E-08	3.4E-03	
	E-SB-888-2-4	2 - 4			3.8 U	19 U	66 J	1.1E-08	1.5E-03	
E-SB-1452	E-SB-1452-2-3	2 - 3				77 U	49 U	1.2E-08	5.3E-03	
	E-SB-994-2-3	2 - 3				19 U	75	1.1E-08	1.3E-03	
	E-SB-1452-3-4	3 - 4				16 U	10 U	2.5E-09	1.1E-03	
E-SB-1722	E-SB-1722-2-3	2 - 3				17 U	69	1.1E-08	1.2E-03	
	E-SB-1722-3-4	3 - 4				16 U	25 J	5.7E-09	1.1E-03	
E-SB-886	E-SB-886-6.5-10	6.5 - 10			3.8 U	19 U	70 J	1.1E-08	1.5E-03	
	E-SB-886-2-4	2 - 4			3.8 U	20 U	44 J	7.9E-09	1.5E-03	
E-SB-1513	E-SB-1513-2-4	2 - 4	25 U	310				1.1E-08	7.4E-02	
	E-SB-1513-4-6	4 - 6	0.31 U	86				2.5E-09	2.0E-02	
E-VB-10	E-VB-10-072913-0-3	0 - 3	0.24 U	10	12.1	20 U	58	1.1E-08	4.9E-03	
E-SB-1579	E-SB-1579-10-12	10 - 12	0.17 U	350				1.0E-08	8.3E-02	
	E-SB-1579-6-8	6 - 8	0.18 U	1.6 J				6.8E-11	3.8E-04	
	E-SB-1579-2-4	2 - 4	0.19 U	0.59 J				3.9E-11	1.4E-04	
	E-SB-1579-4-6	4 - 6	0.17 U	0.3 J				2.9E-11	7.3E-05	
SB-842	E-SB-842-15	15 - 15				21 U	62	1.0E-08	1.4E-03	
	E-SB-842-5	5 - 5				20 U	20 U	3.5E-09	1.4E-03	
	E-SB-842-7	7 - 7				20 U	20 U	3.5E-09	1.4E-03	
	E-SB-842-9	9 - 9				20 U	20 U	3.5E-09	1.4E-03	
	E-SB-842-11-AVG	11 - 11				20 U	20 U	3.5E-09	1.4E-03	
	E-SB-842-13	13 - 13				20 U	20 U	3.5E-09	1.4E-03	
	E-SB-842-3	3 - 3				19 U	19 U	3.4E-09	1.3E-03	
E-SB-1572	E-SB-1572-10-12	10 - 12	23 U	280				1.0E-08	6.7E-02	
	E-SB-1572-4-6	4 - 6	0.2 U	0.5 J				3.8E-11	1.2E-04	
	E-SB-1572-2-4	2 - 4	0.17 U	0.32 J				3.0E-11	7.8E-05	
	E-SB-1572-6-8	6 - 8	0.18 U	0.3 U				2.5E-11	3.7E-05	
E-SB-1383	E-SB-1383-4-5	4 - 5				5.3 U	75	1.0E-08	3.6E-04	
	E-SB-1383-3-4	3 - 4				7.6 J	4.5 U	1.6E-09	1.0E-03	
	E-SB-1383-7-8	7 - 8				5.9 U	6.7 J	1.6E-09	4.0E-04	
	E-SB-1383-5-6	5 - 6				6.2 J	4.6 U	1.4E-09	8.5E-04	
	E-SB-1383-6-7	6 - 7				5.2 U	4.4 U	9.5E-10	3.5E-04	

Table B-6

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Southeast Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	TCE (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
								Total ILCR[3]	Total HI[4]	
SB-847	E-SB-847-03	3 - 3				20 U	60	9.8E-09	1.4E-03	
	E-SB-847-05	5 - 5				20 U	20 U	3.6E-09	1.4E-03	
	E-SB-847-07	7 - 7				20 U	20 U	3.6E-09	1.4E-03	
	E-SB-847-09	9 - 9				20 U	20 U	3.6E-09	1.4E-03	
	E-SB-847-13	13 - 13				20 U	20 U	3.6E-09	1.4E-03	
	E-SB-847-15-AVG	15 - 15				20 U	20 U	3.6E-09	1.4E-03	
	E-SB-847-11	11 - 11				20 U	20 U	3.5E-09	1.4E-03	
E-SB-905	E-SB-905-6-10	6 - 10			190 U	19 U	19 U	9.0E-09	1.0E-02	
	E-SB-905-2-6-AVG	2 - 6			54.5 U	19 U	19 U	5.0E-09	3.8E-03	
E-SB-1451	E-SB-1451-2-3	2 - 3				17 U	55	8.8E-09	1.2E-03	
	E-SB-1451-3-4	3 - 4				16 U	11 U	2.6E-09	1.1E-03	
E-SB-1007	E-SB-1007-2-3	2 - 3				19 U	52	8.6E-09	1.3E-03	
E-SB-1514	E-SB-1514-2-4	2 - 4	90 U	120 U				8.4E-09	1.5E-02	
	E-SB-1514-4-6	4 - 6	0.35 U	180 J				5.4E-09	4.3E-02	
E-SB-892	E-SB-892-6-10	6 - 10			3.8 U	19 U	47	8.2E-09	1.5E-03	
	E-SB-892-2-6	2 - 6			3.8 U	19 U	19 U	3.5E-09	1.5E-03	
E-SB-991	E-SB-991-2-3	2 - 3				19 U	42	7.4E-09	1.3E-03	
E-VB-08	E-VB-8-072913-0-3	0 - 3	0.24 U	1 J	6.14	19 U	36 J	7.1E-09	2.1E-03	
E-SB-1747	E-SB-1747-6-8-AVG	6 - 8				31.5	21.5 U	6.9E-09	4.3E-03	
	E-SB-1747-8-10	8 - 10				18 J	20 U	5.0E-09	2.5E-03	
	E-SB-1747-10-12	10 - 12				18 J	20 U	5.0E-09	2.5E-03	
SB-570A	SB-570A-10	10 - 10				18 U	34	6.6E-09	1.2E-03	
	SB-570A-14	14 - 14				20 U	20 U	3.9E-09	1.4E-03	
	SB-570A-6	6 - 6				19 U	19 U	3.7E-09	1.3E-03	
	SB-570A-8	8 - 8				19 U	19 U	3.7E-09	1.3E-03	
	SB-570A-12	12 - 12				19 U	19 U	3.7E-09	1.3E-03	
E-SB-992	E-SB-992-2-3	2 - 3				20 U	34 J	6.5E-09	1.4E-03	
E-SB-988	E-SB-988-2-3	2 - 3				19 U	34 J	6.4E-09	1.3E-03	
PUSTF	PUSTF-030916	4.4 - 4.4	0.42 UJ	52 J+	27.425	16 U	11 U	6.4E-09	1.6E-02	
E-SB-997	E-SB-997-2-3	2 - 3				19 U	31 J	6.1E-09	1.3E-03	
E-SB-998	E-SB-998-2-3	2 - 3				19 U	31 J	6.1E-09	1.3E-03	
E-SB-1748	E-SB-1748-2-4	2 - 4				23 J	21 U	5.8E-09	3.1E-03	
	E-SB-1748-4-6	4 - 6				17 U	22 U	4.0E-09	1.2E-03	
SUSP2B	SUSP2B-030816	5.5 - 5.5	0.43 U	0.43 U	48.2795	17 U	11 U	5.5E-09	5.7E-03	
E-SB-989	E-SB-989-2-3	2 - 3				19 U	23 J	5.1E-09	1.3E-03	
E-SB-1024	E-SB-1024-05	5 - 5	0.24 U	51	0.75 U	20 U	20 U	5.1E-09	1.4E-02	
	E-SB-1024-12	12 - 12	0.22 U	0.35 U		20 U	20 U	3.6E-09	1.4E-03	
	E-SB-1024-08	8 - 8	0.21 U	4.3		19 U	19 U	3.6E-09	2.3E-03	
E-SB-891	E-SB-891-2-6	2 - 6			11.1	19 U	19 U	4.0E-09	2.3E-03	
	E-SB-891-6-10	6 - 10			3.8 U	19 U	19 U	3.5E-09	1.5E-03	

Table B-6

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Southeast Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	TCE (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
								Total ILCR[3]	Total HI[4]	
SB-846	E-SB-846-13	13 - 13				22 U	22 U	3.9E-09	1.5E-03	
	E-SB-846-15	15 - 15				22 U	22 U	3.9E-09	1.5E-03	
	E-SB-846-09	9 - 9				21 U	21 U	3.7E-09	1.4E-03	
	E-SB-846-03	3 - 3				20 U	20 U	3.5E-09	1.4E-03	
	E-SB-846-07	7 - 7				20 U	20 U	3.5E-09	1.4E-03	
	E-SB-846-11	11 - 11				20 U	20 U	3.5E-09	1.4E-03	
	E-SB-846-05	5 - 5				18 U	18 U	3.2E-09	1.2E-03	
E-SB-902	E-SB-902-6-10	6 - 10			4.1 U	21 U	21 U	3.8E-09	1.6E-03	
	E-SB-902-2-6	2 - 6			3.9 U	20 U	20 U	3.6E-09	1.5E-03	
	E-SB-907-6-10	6 - 10			3.8 U	19 U	19 U	3.5E-09	1.5E-03	
	E-SB-907-2-6	2 - 6			3.6 U	19 U	19 U	3.4E-09	1.5E-03	
E-SB-1034	E-SB-1034-04	4 - 4	0.25 U	9.1	1.82	19 U	19 U	3.8E-09	3.6E-03	
	E-SB-1034-08	8 - 8	0.27 U	0.41 U		21 U	21 U	3.8E-09	1.5E-03	
	E-SB-1034-12	12 - 12	0.24 U	0.37 U		20 U	20 U	3.6E-09	1.4E-03	
	E-SB-1034-05	5 - 5	0.28 U	0.44 U	0.72 U	19 U	19 U	3.5E-09	1.4E-03	
E-SB-1031	E-SB-1031-05	5 - 5	0.23 U	0.36 U	0.78 U	21 U	21 U	3.8E-09	1.5E-03	
	E-SB-1031-12	12 - 12	0.22 U	0.54 J				5.1E-11	1.3E-04	
	E-SB-1031-08	8 - 8	0.23 U	0.35 U				4.1E-11	4.4E-05	
E-SB-1633	E-SB-1633-2-4	2 - 4				16 U	20 U	3.7E-09	1.1E-03	
E-SB-1721	E-SB-1721-2-3	2 - 3				16 U	20 U	3.7E-09	1.1E-03	
	E-SB-1721-3-4	3 - 4				15 U	19 U	3.5E-09	1.0E-03	
SB-838	E-SB-838-15	15 - 15				21 U	21 U	3.7E-09	1.4E-03	
	E-SB-838-7	7 - 7				20 U	20 U	3.6E-09	1.4E-03	
	E-SB-838-3	3 - 3				20 U	20 U	3.5E-09	1.4E-03	
	E-SB-838-5	5 - 5				20 U	20 U	3.5E-09	1.4E-03	
	E-SB-838-9	9 - 9				20 U	20 U	3.5E-09	1.4E-03	
	E-SB-838-11	11 - 11				20 U	20 U	3.5E-09	1.4E-03	
	E-SB-838-13	13 - 13				20 U	20 U	3.5E-09	1.4E-03	
E-SB-843	E-SB-843-13	13 - 13				21 U	21 U	3.7E-09	1.4E-03	
	E-SB-843-11-AVG	11 - 11				20.5 U	20.5 U	3.7E-09	1.4E-03	
	E-SB-843-05	5 - 5				20 U	20 U	3.6E-09	1.4E-03	
	E-SB-843-15	15 - 15				20 U	20 U	3.6E-09	1.4E-03	
	E-SB-843-07	7 - 7				20 U	20 U	3.5E-09	1.4E-03	
	E-SB-843-03	3 - 3				19 U	19 U	3.4E-09	1.3E-03	
	E-SB-843-09	9 - 9				19 U	19 U	3.4E-09	1.3E-03	
SB-561A	SB-561A-6	6 - 6				19 U	19 U	3.7E-09	1.3E-03	
	SB-561A-8	8 - 8				19 U	19 U	3.7E-09	1.3E-03	
E-SB-894	E-SB-894-2-6	2 - 6			3.9 U	20 U	20 U	3.6E-09	1.5E-03	
	E-SB-894-6-10	6 - 10			3.8 U	20 U	20 U	3.6E-09	1.5E-03	
E-SB-901	E-SB-901-6-10	6 - 10			3.8 U	20 U	20 U	3.6E-09	1.5E-03	
	E-SB-901-2-6	2 - 6			3.7 U	19 U	19 U	3.5E-09	1.5E-03	
	E-SB-910-2-6	2 - 6			3.8 U	20 U	20 U	3.6E-09	1.5E-03	
	E-SB-910-6-10	6 - 10			3.8 U	19 U	19 U	3.5E-09	1.5E-03	

Table B-6

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Southeast Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	TCE (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
								Total ILCR[3]	Total HI[4]	
E-SB-1025	E-SB-1025-05	5 - 5	0.23 U	1.4 J	0.73 U	20 U	20 U	3.6E-09	1.7E-03	
E-SB-1037	E-SB-1037-05	5 - 5	0.23 U	1.3 J	0.75 U	20 U	20 U	3.6E-09	1.7E-03	
	E-SB-1037-07	7 - 7	0.23 U	0.95 J	0.75 U	19 U	19 U	3.5E-09	1.6E-03	
	E-SB-1037-12	12 - 12	0.22 U	0.35 U				4.0E-11	4.4E-05	
	E-SB-1037-08	8 - 8	0.22 U	0.34 U				4.0E-11	4.3E-05	
E-SB-1023	E-SB-1023-05	5 - 5	0.24 U	1.2 J	0.73 U	20 U	20 U	3.6E-09	1.7E-03	
	E-SB-1023-12	12 - 12	0.24 U	39				1.2E-09	9.3E-03	
	E-SB-1023-08	8 - 8	0.22 U	0.35 J				4.5E-11	8.6E-05	
E-SB-1040	E-SB-1040-05	5 - 5	0.21 U	0.33 U	0.76 U	20 U	20 U	3.6E-09	1.4E-03	
	E-SB-1040-08	8 - 8	0.26 U	0.4 U				4.6E-11	5.1E-05	
SB-831	E-SB-831-11	11 - 11				20 U	20 U	3.6E-09	1.4E-03	
	E-SB-831-13	13 - 13				20 U	20 U	3.6E-09	1.4E-03	
	E-SB-831-03	3 - 3				20 U	20 U	3.5E-09	1.4E-03	
	E-SB-831-07	7 - 7				20 U	20 U	3.5E-09	1.4E-03	
	E-SB-831-09	9 - 9				20 U	20 U	3.5E-09	1.4E-03	
	E-SB-831-15-AVG	15 - 15				19.5 U	19.5 U	3.5E-09	1.3E-03	
	E-SB-831-05	5 - 5				18 U	18 U	3.2E-09	1.2E-03	
E-SB-899	E-SB-899-6-10	6 - 10			3.7 U	19 U	19 U	3.5E-09	1.5E-03	
	E-SB-899-2-3.5	2 - 3.5			3.7 U	19 U	19 U	3.4E-09	1.5E-03	
E-SB-960	E-SB-960-2-3.5	2 - 3.5			3.7 U	19 U	19 U	3.5E-09	1.5E-03	
E-SB-982	E-SB-982-3-4	3 - 4			3.7 U	19 U	19 U	3.5E-09	1.5E-03	
SB-571	SB-571-4	4 - 4				18 U	18 U	3.5E-09	1.2E-03	
E-SB-1043	E-SB-1043-05	5 - 5	0.23 U	0.36 U	0.7 U	19 U	19 U	3.5E-09	1.4E-03	
	E-SB-1043-08	8 - 8	0.23 U	0.37 U				4.2E-11	4.7E-05	
E-SB-1450	E-SB-1450-2-3	2 - 3				16 U	13 J	3.4E-09	1.1E-03	
	E-SB-1450-3-4	3 - 4				15 U	9.8 U	2.4E-09	1.0E-03	
E-SB-1006	E-SB-1006-2-3	2 - 3				19 U	19 U	3.3E-09	1.3E-03	
E-SB-961	E-SB-961-2-3	2 - 3			3.5 U	18 U	18 U	3.3E-09	1.4E-03	
E-SB-1371	E-SB-1371-2-3	2 - 3				5.5 U	16 J	2.7E-09	3.8E-04	
	E-SB-1371-4-5	4 - 5				17 U	16 U	2.6E-09	1.2E-03	
	E-SB-1371-3-4	3 - 4				6.3 U	5.3 U	1.1E-09	4.3E-04	
	E-SB-1371-6-7	6 - 7				5.9 U	5 U	1.1E-09	4.0E-04	
	E-SB-1371-7-8	7 - 8				5.7 U	4.8 U	1.0E-09	3.9E-04	
	E-SB-1371-5-6	5 - 6				5.6 U	4.7 U	1.0E-09	3.8E-04	
E-SB-1385	E-SB-1385-3-4	3 - 4				17 U	16 U	2.7E-09	1.2E-03	
	E-SB-1385-4-5	4 - 5				14 J	4.8 U	2.5E-09	1.9E-03	
	E-SB-1385-5-6	5 - 6				12 J	4.6 U	2.2E-09	1.6E-03	
	E-SB-1385-7-8	7 - 8				9.1 J	4.6 U	1.8E-09	1.2E-03	
	E-SB-1385-6-7	6 - 7				8.6 J	4.5 U	1.7E-09	1.2E-03	
PUSTE	PUSTE-030916	2.5 - 2.5	0.42 U	0.52 J	0.74 U	16 U	10 U	2.6E-09	1.3E-03	

Table B-6

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Southeast Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

Location[1]	Sample ID	Depth (feet)	1,2,4-TCB (µg/kg)	TCE (µg/kg)	BaPEq Concentration[2] (µg/kg)	Aroclor 1254 (µg/kg)	Aroclor 1260 (µg/kg)	Construction Worker		Comments
								Total ILCR[3]	Total HI[4]	
E-SB-1575	E-SB-1575-2-4	2 - 4	22 U	31 U				2.2E-09	3.8E-03	
	E-SB-1575-10-12	10 - 12	0.17 U	0.8 J				4.4E-11	1.9E-04	
	E-SB-1575-4-6	4 - 6	0.18 U	0.3 U				2.5E-11	3.7E-05	
	E-SB-1575-6-8	6 - 8	0.17 U	0.29 U				2.5E-11	3.6E-05	
UST-MB-2	UST-MB-2_20130918		1.5 U	2.4 U	29.84			2.0E-09	3.1E-03	
E-SB-1583	E-SB-1583-10-12	10 - 12	0.16 U	41				1.2E-09	9.8E-03	
	E-SB-1583-6-8	6 - 8	0.17 U	0.3 U				2.5E-11	3.7E-05	
	E-SB-1583-2-4	2 - 4	0.16 U	0.28 U				2.3E-11	3.5E-05	
	E-SB-1583-4-6	4 - 6	0.16 U	0.27 U				2.3E-11	3.4E-05	
E-SB-1581	E-SB-1581-4-6	4 - 6	0.18 U	0.53 J				2.8E-10	1.3E-04	
	E-SB-1581-6-8-AVG	6 - 8	0.205 U	0.345 U				2.3E-10	4.5E-05	
	E-SB-1581-2-4	2 - 4	0.18 U	0.31 U				6.8E-11	3.9E-05	
	E-SB-1581-10-12	10 - 12	0.17 U	0.28 U				2.8E-11	3.5E-05	
E-SB-1512	E-SB-1512-4-6	4 - 6	0.28 U	5.4				1.8E-10	1.3E-03	
	E-SB-1512-3-4	3 - 4	0.32 U	1.9 J				8.7E-11	4.5E-04	
E-SB-1578	E-SB-1578-2-4	2 - 4	0.17 U	5.3				1.7E-10	1.3E-03	
	E-SB-1578-4-6	4 - 6	0.17 U	0.93 J				4.7E-11	2.2E-04	
	E-SB-1578-6-8	6 - 8	0.17 U	0.75 J				4.2E-11	1.8E-04	
	E-SB-1578-10-12	10 - 12	0.17 U	0.66 J				4.0E-11	1.6E-04	
E-SB-1517	E-SB-1517-3-4	3 - 4	0.35 U	1.5 J				7.8E-11	3.6E-04	
	E-SB-1517-4-6	4 - 6	0.31 U	0.49 J				4.5E-11	1.2E-04	
	E-SB-1025-08	8 - 8	0.24 U	0.37 U				4.4E-11	4.7E-05	
	E-SB-1025-12	12 - 12	0.22 U	0.34 U				3.9E-11	4.3E-05	
E-SB-1582	E-SB-1582-6-8	6 - 8	0.18 U	0.3 U				2.5E-11	3.7E-05	
	E-SB-1582-2-4	2 - 4	0.17 U	0.29 U				2.5E-11	3.6E-05	
	E-SB-1582-4-6	4 - 6	0.17 U	0.28 U				2.3E-11	3.5E-05	
	E-SB-1582-10-12	10 - 12	0.16 U	0.27 U				2.3E-11	3.4E-05	

Table B-6

Residual Risk Analysis Results - Block E - Subsurface Soil (2 to 20 Feet) - Southeast Subarea
Lockheed Martin, Middle River Complex
Middle River, Maryland

1 - Sample locations are listed in order from highest to lowest cancer risk.
2 - One half the non-detected value was used for the calculation of benzo(a)pyrene equivalents. If all concentrations were
Samples Needing Removal to Achieve an 95% UCL that Meets PRGs.
and duplicate samples were averaged when calculating the benzo(a)pyrene equivalent concentration.
3 - Total incremental lifetime cancer risk from exposure to all chemicals of potential concern in soil.
4 - Total hazard index from exposure to all chemicals of potential concern in soil.

A blank space in the concentration column indicates the sample was not analyzed for that parameter.

Gray shading indicates ILCR exceeds $1x10^{-4}$ or HI exceeds 100 and location is considered to be a "hot spot" according to Maryland Department of Environmental Protection guidance (MDE, 2008).

Samples identified for removal are bolded and italicized.

Red shading indicates Aroclor concentration exceeds safety limit of 100,000 µg/kg.

Sample IDs ending in "AVG" indicate an original sample and duplicate was collected at this depth interval. The average of the original and duplicate sample analytical results are presented.

B - analyte found in blank associated with this sample
1,2,4-TCB - 1,2,4-trichlorobenzene
BaPEq - benzo(a)pyrene equivalent
HI - hazard index
ILCR - incremental lifetime cancer risk
J - estimated value
PRG - preliminary remedial goal
TCE - Trichloroethene
U - not detected
UCL - upper confidence level
µg/kg - microgram per kilogram

ATTACHMENT C—FINAL CUMULATIVE-RISK ESTIMATES (POST-RESIDUAL RISK ANALYSIS) FOR INDUSTRIAL WORKERS (BLOCK E SURFACE SOIL) AND CONSTRUCTION WORKERS (BLOCK E SUBSURFACE SOIL BY SUBAREA)

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Occurrence, Distribution and Selection Of Chemicals of Potential Concern

TABLE C.1-1
OCCURRENCE, DISTRIBUTION, AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN - DIRECT CONTACT WITH SURFACE SOIL
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current/Future
Medium: Surface Soil
Exposure Medium: Surface Soil

Exposure Point	CAS Number	Chemical	Minimum Concentration[1]	Maximum Concentration[1]	Units	Sample of Maximum Concentration	Frequency of Detection	Range of Detections[2]	Concentration Used for Screening[3]	Range of Background Concentrations[4]	USEPA RSL Residential Soil[5]	Potential ARAR/TBC	Potential ARAR/TBC Source	COPC Flag	Rationale for Contaminant Deletion or Selection[6]
Block E	**Volatile Organic Compounds**														
	87-61-6	**1,2,3-Trichlorobenzene**	0.59 J	43,000 J	ug/kg	E-SB-833K-02	9/85	0.24 - 230	43,000	NA	**6,300 N**	NA	NA	**Yes**	ASL
	526-73-8	1,2,3-Trimethylbenzene	0.2 J	1,300 J	ug/kg	E-SB-1054-0-1	4/77	0.069 - 14	1,300	NA	34,000 N	NA	NA	No	BSL
	120-82-1	**1,2,4-Trichlorobenzene**	0.33 J	210,000	ug/kg	E-SB-833K-02	11/85	0.17 - 170	210,000	NA	**5,800 N**	NA	NA	**Yes**	ASL
	95-63-6	1,2,4-Trimethylbenzene	0.54 J	7,400	ug/kg	E-SB-1054-0-1	4/85	0.17 - 210	7,400	NA	30,000 N	NA	NA	No	BSL
	95-50-1	1,2-Dichlorobenzene	0.87 J	970 J	ug/kg	E-SB-833E-02	5/85	0.15 - 360	970	NA	180,000 N	NA	NA	No	BSL
	541-73-1	1,3-Dichlorobenzene	0.33 J	1,100 J	ug/kg	E-SB-833K-02	4/85	0.2 - 190	1,100	NA	2,600 C[7]	NA	NA	No	BSL
	106-46-7	**1,4-Dichlorobenzene**	1.2 J	2,700 J	ug/kg	E-SB-833K-02	8/85	0.22 - 180	2,700	NA	**2,600 C**	NA	NA	**Yes**	ASL
	78-93-3	2-Butanone	1.4 J	88 J	ug/kg	E-SB-833J-02	11/85	0.87 - 1800	88	NA	2,700,000 N	NA	NA	No	BSL
	99-87-6	4-Isopropyltoluene	76 J	1,500	ug/kg	E-SB-1577-1-2	2/85	0.12 - 200	1,500	NA	NA	NA	NA	No	NTX
	67-64-1	Acetone	4.4 J	230 J	ug/kg	E-SB-833F-02	20/85	2.1 - 9800	230	NA	6,100,000 N	NA	NA	No	BSL
	75-15-0	Carbon Disulfide	0.66 J	3.5 J	ug/kg	E-SB-1457-1-2	5/85	0.14 - 500	3.5	NA	77,000 N	NA	NA	No	BSL
	108-90-7	Chlorobenzene	12	12	ug/kg	E-SB-833G-02	1/85	0.23 - 270	12	NA	28,000 N	NA	NA	No	BSL
	156-59-2	cis-1,2-Dichloroethene	0.48 J	1,700	ug/kg	E-SB-1515-0-2	9/85	0.19 - 290	1,700	NA	16,000 N	NA	NA	No	BSL
	100-41-4	**Ethylbenzene**	1.1 J	33,000	ug/kg	E-SB-1054-0-1	4/85	0.19 - 230	33,000	NA	**5,800 C**	NA	NA	**Yes**	ASL
	98-82-8	Isopropylbenzene	0.44 J	3,100 J	ug/kg	E-SB-1049-1-2, E-SB-1054-0-1	4/85	0.12 - 270	3,100	NA	190,000 N	NA	NA	No	BSL
	--	**m+p-Xylenes**	1.8 J	140,000	ug/kg	E-SB-1054-0-1	3/85	0.28 - 260	140,000	NA	**55,000 N[8]**	NA	NA	**Yes**	ASL
	79-20-9	Methyl Acetate	2.6 J	68 J	ug/kg	E-VS-4-072913-0-1.5	5/5	- - -	68	NA	7,800,000 N	NA	NA	No	BSL
	75-09-2	Methylene Chloride	1.1 J	88 J	ug/kg	E-SB-833F-02	10/85	0.17 - 3200	88	NA	35,000 N	NA	NA	No	BSL
	91-20-3	Naphthalene	0.7 J	3,000 J	ug/kg	E-SB-1054-0-1	6/85	0.14 - 280	3,000	NA	3,800 C	NA	NA	No	BSL
	104-51-8	N-Butylbenzene	210 J	370 J	ug/kg	E-SB-1054-0-1	2/85	0.17 - 330	370	NA	390,000 N	NA	NA	No	BSL
	103-65-1	N-Propylbenzene	2900 J	3,900	ug/kg	E-SB-1049-1-2	2/85	0.19 - 580	3,900	NA	380,000 N	NA	NA	No	BSL
	95-47-6	o-Xylene	0.43 J	42,000	ug/kg	E-SB-1054-0-1	4/85	0.15 - 360	42,000	NA	65,000 N	NA	NA	No	BSL
	135-98-8	sec-Butylbenzene	280 J	360 J	ug/kg	E-SB-1054-0-1	2/85	0.13 - 200	360	NA	780,000 N	NA	NA	No	BSL
	100-42-5	Styrene	24 J	24 J	ug/kg	E-SB-1049-1-2	1/85	0.11 - 230	24	NA	600,000 N	NA	NA	No	BSL
	75-65-0	Tertiary-Butyl Alcohol	2.2 J	620 J	ug/kg	E-SB-833L-02	3/33	1.6 - 5400	620	NA	NA	NA	NA	No	NTX
	127-18-4	Tetrachloroethene	1.8 J	1.8 J	ug/kg	E-SB-833N-02	1/85	0.25 - 500	1.8	NA	8,100 N	NA	NA	No	BSL
	108-88-3	Toluene	0.31 J	550 J	ug/kg	E-SB-1054-0-1	6/85	0.2 - 710	550	NA	490,000 N	NA	NA	No	BSL
	1330-20-7	**Total Xylenes**	1.1 J	180,000	ug/kg	E-SB-1054-0-1	5/77	0.26 - 340	180,000	NA	**58,000 N**	NA	NA	**Yes**	ASL
	156-60-5	trans-1,2-Dichloroethene	0.36 J	29 J	ug/kg	E-SB-1032-02	4/85	0.26 - 380	29	NA	160,000 N	NA	NA	No	BSL
	79-01-6	**Trichloroethene**	0.33 J	5,000	ug/kg	E-SB-1032-02	22/85	0.29 - 410	5,000	NA	**410 N**	NA	NA	**Yes**	ASL
	Semivolatile Organic Compounds														
	92-52-4	1,1-Biphenyl	220 J	220 J	ug/kg	PUSTB3-030116	1/46	4.3 - 200	220	NA	4,700 N	NA	NA	No	BSL
	91-57-6	2-Methylnaphthalene	7.2 J	2800	ug/kg	E-SB-1049-1-2	9/19	0.55 - 0.62	2,800	NA	24,000 N	NA	NA	No	BSL
	88-74-4	2-Nitroaniline	44 J	44 J	ug/kg	SB-6A-SS	1/46	10 - 15000	44	NA	63,000 N	NA	NA	No	BSL
	--	3&4-Methylphenol	53 J	53 J	ug/kg	E-SB-1024-02	1/25	22 - 3600	53	NA	320,000 N[9]	NA	NA	No	BSL
	83-32-9	Acenaphthene	13	1400	ug/kg	PUSTB-030116	11/19	0.83 - 0.95	1400	NA	360,000 N	NA	NA	No	BSL
	208-96-8	Acenaphthylene	11	660	ug/kg	PUSTB-030116	8/19	0.38 - 10	660	NA	360,000 N[10]	NA	NA	No	BSL
	98-86-2	Acetophenone	11 J	370 J	ug/kg	PUSTB3-030116	3/46	10 - 3600	370	NA	780,000 N	NA	NA	No	BSL
	120-12-7	Anthracene	18	5600	ug/kg	PUSTB-030116	11/19	0.86 - 0.97	5600	NA	1,800,000 N	NA	NA	No	BSL
	--	**Bap Equivalent-Halfnd**	24.373	60,052	ug/kg	PUSTB-030116	14/19	0.7 - 0.74	60,052	NA	**110 C[11]**	NA	NA	**Yes**	ASL
	--	**Bap Equivalent-Pos**	24.008	60,052	ug/kg	PUSTB-030116	14/19	0.7 - 0.74	60,052	NA	**110 C[11]**	NA	NA	**Yes**	ASL
	56-55-3	**Benzo(a)anthracene**	19	40,000	ug/kg	PUSTB-030116	14/19	0.69 - 0.73	40,000	NA	**1,100 C**	NA	NA	**Yes**	ASL
	50-32-8	**Benzo(a)pyrene**	18	40,000	ug/kg	PUSTB-030116	14/19	0.7 - 0.74	40,000	NA	**110 C**	NA	NA	**Yes**	ASL
	205-99-2	**Benzo(b)fluoranthene**	24	60,000	ug/kg	PUSTB-030116	14/19	0.65 - 0.69	60,000	NA	**1,100 C**	NA	NA	**Yes**	ASL
	191-24-2	Benzo(g,h,i)perylene	12	23,000	ug/kg	PUSTB-030116	13/19	0.38 - 10	23,000	NA	180,000 N[12]	NA	NA	No	BSL
	207-08-9	Benzo(k)fluoranthene	9.4	21,000	ug/kg	PUSTB-030116	13/19	0.75 - 20	21,000	NA	**11,000 C**	NA	NA	No	BSL
	117-81-7	Bis(2-ethylhexyl)phthalate	24 J	1600 J	ug/kg	PUSTB-030116	14/46	21 - 7600	1600	NA	39,000 C	NA	NA	No	BSL
	85-68-7	Butyl Benzyl Phthalate	78 J	470 J	ug/kg	PUSTB3-030116	4/46	11 - 7600	470	NA	290,000 C	NA	NA	No	BSL
	105-60-2	Caprolactam	140 J	140 J	ug/kg	SB-1A-SS	1/46	41 - 7600	140	NA	3,100,000 N	NA	NA	No	BSL
	86-74-8	Carbazole	27 J	1500 J	ug/kg	PUSTB-030116	14/46	30 - 7600	1500	NA	NA	NA	NA	No	NTX
	218-01-9	Chrysene	14	42,000	ug/kg	PUSTB-030116	14/19	1.2 - 1.3	42,000	NA	110,000 C	NA	NA	No	BSL
	53-70-3	**Dibenzo(a,h)anthracene**	9.2	7500	ug/kg	PUSTB-030116	10/19	0.72 - 19	7500	NA	**110 C**	NA	NA	**Yes**	ASL
	132-64-9	Dibenzofuran	13 J	720 J	ug/kg	PUSTB-030116	11/46	0.72 - 7600	720	NA	7,300 N	NA	NA	No	BSL
	84-66-2	Diethyl Phthalate	23 J	23 J	ug/kg	EMANA-030316	1/46	47 - 910	23	NA	5,100,000 N	NA	NA	No	BSL
	84-74-2	di-n-Butyl Phthalate	28 J	1400 J	ug/kg	PUSTB3-030116	3/46	17 - 7600	1400	NA	630,000 N	NA	NA	No	BSL
	206-44-0	Fluoranthene	6.5 J	80,000	ug/kg	PUSTB-030116	15/19	0.6 - 0.63	80,000	NA	240,000 N	NA	NA	No	BSL
	86-73-7	Fluorene	15	1000	ug/kg	PUSTB-030116	11/19	0.58 - 0.66	1000	NA	240,000 N	NA	NA	No	BSL
	193-39-5	**Indeno(1,2,3-cd)pyrene**	12	23,000	ug/kg	PUSTB-030116	13/19	0.38 - 10	23,000	NA	**1,100 C**	NA	NA	**Yes**	ASL
	91-20-3	Naphthalene	11	1,300	ug/kg	E-SB-1049-1-2	11/19	0.9 - 1	1,300	NA	3,800 C	NA	NA	No	BSL
	87-86-5	Pentachlorophenol	160 J	160 J	ug/kg	PUSTB2-030116	1/46	11 - 520	160	NA	1,000 C	NA	NA	No	BSL

TABLE C.1-1
OCCURRENCE, DISTRIBUTION, AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN - DIRECT CONTACT WITH SURFACE SOIL
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current/Future
Medium: Surface Soil
Exposure Medium: Surface Soil

Exposure Point	CAS Number	Chemical	Minimum Concentration[1]	Maximum Concentration[1]	Units	Sample of Maximum Concentration	Frequency of Detection	Range of Detections[2]	Concentration Used for Screening[3]	Range of Background Concentrations[4]	USEPA RSL Residential Soil[5]	Potential ARAR/TBC	Potential ARAR/TBC Source	COPC Flag	Rationale for Contaminant Deletion or Selection[6]
Block E	85-01-8	Phenanthrene	4 J	21,000	ug/kg	PUSTB-030116	14/19	0.8 - 0.85	21,000	NA	180,000 N[12]	NA	NA	No	BSL
	108-95-2	Phenol	18 J	28 J	ug/kg	E-SB-1031-02	2/46	8.1 - 7600	28	NA	1,900,000 N	NA	NA	No	BSL
	129-00-0	Pyrene	5.6 J	79,000	ug/kg	PUSTB-030116	15/19	0.48 - 0.5	79,000	NA	180,000 N	NA	NA	No	BSL
	Polycyclic Aromatic Hydrocarbons														
	90-12-0	1-Methylnaphthalene	4.3 J	1,200	ug/kg	E-SB-974-0-0.5	13/68	3.4 - 72	1,200	NA	18,000 C	NA	NA	No	BSL
	91-57-6	2-Methylnaphthalene	4 J	1,700	ug/kg	E-SB-974-0-0.5	35/131	0.55 - 7600	1,700	NA	24,000 N	NA	NA	No	BSL
	83-32-9	Acenaphthene	3.7 J	15,000	ug/kg	E-SB-974-0-0.5	103/308	0.79 - 7600	15,000	NA	360,000 N	NA	NA	No	BSL
	208-96-8	Acenaphthylene	3.8 J	3,300	ug/kg	E-SB-977-0-0.5	79/308	0.36 - 7600	3,300	NA	360,000 N[10]	NA	NA	No	BSL
	120-12-7	Anthracene	4.7 J	13,000	ug/kg	E-SB-974-0-0.5	121/308	0.81 - 7600	13,000	NA	1,800,000 N	NA	NA	No	BSL
	--	**Bap Equivalent-Halfnd**	1.27	45,369	ug/kg	E-SB-974-0-0.5	177/308	0.66 - 3600	45,369	NA	**110 C**[11]	NA	NA	**Yes**	ASL
	--	**Bap Equivalent-Pos**	0.41	45,139	ug/kg	E-SB-974-0-0.5	177/308	0.66 - 3600	45,139	NA	**110 C**[11]	NA	NA	**Yes**	ASL
	56-55-3	**Benzo(a)anthracene**	4.5 J	43,000	ug/kg	E-SB-974-0-0.5	163/308	0.65 - 3600	43,000	NA	**1,100 C**	NA	NA	**Yes**	ASL
	50-32-8	**Benzo(a)pyrene**	3.6 J	34,000	ug/kg	E-SB-974-0-0.5	160/308	0.66 - 3600	34,000	NA	**110 C**	NA	NA	**Yes**	ASL
	205-99-2	**Benzo(b)fluoranthene**	4.1 J	47,000	ug/kg	E-SB-974-0-0.5	175/308	0.61 - 3600	47,000	NA	**1,100 C**	NA	NA	**Yes**	ASL
	191-24-2	Benzo(g,h,i)perylene	3.9 J	21,000	ug/kg	E-SB-974-0-0.5	151/308	0.36 - 7600	21,000	NA	180,000 N[12]	NA	NA	No	BSL
	207-08-9	**Benzo(k)fluoranthene**	3.1 J	20,000	ug/kg	E-SB-974-0-0.5	143/308	0.7 - 7600	20,000	NA	**11,000 C**	NA	NA	**Yes**	ASL
	218-01-9	Chrysene	3.5 J	39,000	ug/kg	E-SB-974-0-0.5	164/308	1.1 - 3600	39,000	NA	110,000 C	NA	NA	No	BSL
	53-70-3	**Dibenzo(a,h)anthracene**	6 J	2,700	ug/kg	E-SB-1489-0-0.5	70/308	0.68 - 7600	2,700	NA	**110 C**	NA	NA	**Yes**	ASL
	206-44-0	Fluoranthene	4 J	89,000	ug/kg	E-SB-974-0-0.5	189/308	0.57 - 400	89,000	NA	240,000 N	NA	NA	No	BSL
	86-73-7	Fluorene	4 J	8,200	ug/kg	E-SB-974-0-0.5	100/308	0.55 - 7600	8,200	NA	240,000 N	NA	NA	No	BSL
	193-39-5	**Indeno(1,2,3-cd)pyrene**	4.5 J	19,000	ug/kg	E-SB-974-0-0.5	146/308	0.36 - 7600	19,000	NA	**1,100 C**	NA	NA	**Yes**	ASL
	91-20-3	**Naphthalene**	3.7 J	8,800	ug/kg	E-SB-1643-0-1	110/308	0.85 - 7600	8,800	NA	**3,800 C**	NA	NA	**Yes**	ASL
	85-01-8	Phenanthrene	4.6 J	63,000	ug/kg	E-SB-974-0-0.5	167/308	0.76 - 3600	63,000	NA	180,000 N[12]	NA	NA	No	BSL
	129-00-0	Pyrene	3.9 J	61,000	ug/kg	E-SB-974-0-0.5	181/308	0.46 - 400	61,000	NA	180,000 N	NA	NA	No	BSL
	PCBs														
	12674-11-2	Aroclor 1016	5.9 J	5.9 J	ug/kg	E-SB-1092-0-1-D	1/1014	1.3 - 740000	5.9	NA	410 N	NA	NA	No	BSL
	53469-21-9	**Aroclor 1242**	14 J	3,800	ug/kg	E-SB-1099-1-2	8/1014	1.4 - 740000	3,800	NA	**230 C**	NA	NA	**Yes**	ASL
	12672-29-6	**Aroclor 1248**	11 J	39,000	ug/kg	E-SB-978-0-0.5	2/1014	0.84 - 740000	39,000	NA	**230 C**	NA	NA	**Yes**	ASL
	11097-69-1	**Aroclor 1254**	10 J	930,000 J	ug/kg	E-SB-1744-0-1	34/1014	1.3 - 740000	930,000	NA	**120 N**	NA	NA	**Yes**	ASL
	11096-82-5	**Aroclor 1260**	4.3 J	5,300,000	ug/kg	E-SB-1447-0-2	653/1014	1.3 - 21000	5,300,000	NA	**240 C**	NA	NA	**Yes**	ASL
	--	Aroclor 1262	18 J	18 J	ug/kg	E-SB-1057-0-1	1/264	8.5 - 240000	18	NA	240 C[13]	NA	NA	No	BSL
	PCB Homologs														
	28655-71-2	Heptachlorobiphenyls	9.9 J	11,000	ug/kg	E-SB-1378-0-2	7/11	1.6 - 1.8	11,000	NA	NA	NA	NA	No	NTX
	26601-64-9	Hexachlorobiphenyl	8.1 J	53,000	ug/kg	E-SB-1378-0-2	7/11	1.1 - 1.2	53,000	NA	NA	NA	NA	No	NTX
	--	Nonachlorobiphenyls	19 J	32 J	ug/kg	E-SB-1104-0-1	3/11	11 - 520	32	NA	NA	NA	NA	No	NTX
	--	Octachlorobiphenyls	33 J	720 J	ug/kg	E-SB-1378-0-2	6/11	1.7 - 1.9	720	NA	NA	NA	NA	No	NTX
	25429-29-2	Pentachlorobiphenyls	39	110,000	ug/kg	E-SB-1378-0-2	6/11	1.1 - 1.2	110,000	NA	NA	NA	NA	No	NTX
	26914-33-0	Tetrachlorobiphenyls	9.9 J	17,000	ug/kg	E-SB-1378-0-2	5/11	1.2 - 1.4	17,000	NA	NA	NA	NA	No	NTX
	--	Trichlorobiphenyls	1.1 J	1,200	ug/kg	E-SB-1378-0-2	4/11	0.55 - 0.64	1,200	NA	NA	NA	NA	No	NTX
	Metals														
	7440-36-0	**Antimony**	0.031 L	11 L	mg/kg	E-SB-114A-0-0.5	20/36	0.059 - 2.9	11	NA	**3.1 N**	NA	NA	**Yes**	ASL
	7440-38-2	**Arsenic**	0.52 J	9.6 J	mg/kg	SB-510-0001	36/36	-	9.6	NA	**0.68 C**	NA	NA	**Yes**	ASL
	7440-39-3	Barium	9	153	mg/kg	SB-504-0001	28/28	-	153	NA	1,500 N	NA	NA	No	BSL
	7440-41-7	Beryllium	0.12	2.6 J	mg/kg	E-SB-1738-0-1	27/36	0.52 - 2.9	2.6	NA	16 N	NA	NA	No	BSL
	7440-43-9	Cadmium	0.018	6.4	mg/kg	SB-505-0001	26/36	0.012 - 2.9	6.4	NA	7.1 N	NA	NA	No	BSL
	7440-47-3	Chromium	6.3 J	83.7 J	mg/kg	SB-505-0001	36/36	-	83.7	NA	12,000 N[15]	NA	NA	No	BSL
	7440-48-4	**Cobalt**	2.1	27.2	mg/kg	SB-508-0001	28/28	-	27.2	NA	**2.3 N**	NA	NA	**Yes**	ASL
	7440-50-8	Copper	3.5	48	mg/kg	E-SB-976-0-0.5	36/36	-	48	NA	310 N	NA	NA	No	BSL
	7439-89-6	**Iron**	5610	29,900	mg/kg	SB-518-0001	21/21	-	29,900	NA	**5,500 N**	NA	NA	**Yes**	ASL
	7439-92-1	**Lead**	2 J	470 J	mg/kg	E-SB-113A-0-0.5	34/36	2.8 - 2.9	470	NA	**400**	NA	NA	**Yes**	ASL
	7439-96-5	**Manganese**	11.2	1,370 J	mg/kg	SB-503-0001	21/21	-	1370	NA	**180 N**	NA	NA	**Yes**	ASL
	7487-94-7	**Mercury**	0.026 J	2.4	mg/kg	E-SB-976-0-0.5	12/36	0.018 - 0.12	2.4	NA	**2.3 N**[16]	NA	NA	**Yes**	ASL
	7439-98-7	Molybdenum	0.26 J	3.2 J	mg/kg	SB-510-0001	11/28	0.077 - 0.78	3.2	NA	39 N	NA	NA	No	BSL
	7440-02-0	Nickel	3.2 J	22	mg/kg	E-SB-1738-0-1	36/36	-	22	NA	150 N	NA	NA	No	BSL
	7782-49-2	Selenium	0.24	2.8	mg/kg	E-SB-114A-1-2	17/36	0.18 - 2.9	2.8	NA	39 N	NA	NA	No	BSL
	7440-22-4	Silver	0.031	0.8	mg/kg	E-SB-113A-0-0.5	24/34	0.018 - 2.9	0.8	NA	39 N	NA	NA	No	BSL
	7440-28-0	**Thallium**	0.026 K	1.5 J	mg/kg	E-SB-1738-0-1	17/36	0.02 - 2.3	1.5	NA	**0.078 N**	NA	NA	**Yes**	ASL
	7440-62-2	**Vanadium**	8.5 J	60.7 J	mg/kg	SB-505-0001	28/28	-	60.7	NA	**39 N**	NA	NA	**Yes**	ASL
	7440-66-6	Zinc	11.1	450	mg/kg	E-SB-976-0-0.5	29/36	25 - 29	450	NA	2,300 N	NA	NA	No	BSL
	Miscellaneous Parameters														
	--	Percent Solids	58.9	96	%	SB-564-2	145/145	-	96	NA	NA	NA	NA	No	NTX

TABLE C.1-1
OCCURRENCE, DISTRIBUTION, AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN - DIRECT CONTACT WITH SURFACE SOIL
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current/Future
Medium: Surface Soil
Exposure Medium: Surface Soil

Exposure Point	CAS Number	Chemical	Minimum Concentration[1]	Maximum Concentration[1]	Units	Sample of Maximum Concentration	Frequency of Detection	Range of Detections[2]	Concentration Used for Screening[3]	Range of Background Concentrations[4]	USEPA RSL Residential Soil[5]	Potential ARAR/TBC	Potential ARAR/TBC Source	COPC Flag	Rationale for Contaminant Deletion or Selection[6]
Block E	**Miscellaneous Parameters**														
	18540-29-9	**Hexavalent Chromium**	0.46 J	0.98	mg/kg	E-SB-114A-0-0.5	3/5	0.29 - 0.3	0.98	NA	**0.3 C**	NA	NA	**Yes**	ASL
	Petroleum Hydrocarbons														
	--	TPH (C10-C32)	39	17000	mg/kg	E-SB-1049-1-2	5/8	10 - 11	17,000	NA	NA	NA	NA	No	NTX
	Petroleum Hydrocarbons														
	--	Diesel Range Organics	13,000	1,400,000 K	ug/kg	E-SB-833K-02	5/11	11000 - 12000	1,400,000	NA	NA	NA	NA	No	NTX
	--	Gasoline Range Organics	64 J	1,400	ug/kg	E-SB-833K-02	4/12	55 - 120	1,400	NA	NA	NA	NA	No	NTX
	--	TPH (C06-C10)	72 J	160,000	ug/kg	E-SB-1054-0-1	4/19	35 - 82	160,000	NA	NA	NA	NA	No	NTX
	--	TPH (C10-C32)	2,200 J	650,000	ug/kg	SB-503-0001	14/32	610 - 28000	650,000	NA	NA	NA	NA	No	NTX

Footnotes:
1 - Sample and duplicate are considered as two separate samples when determining the minimum and maximum concentrations.
2 - Values presented are sample-specific quantitation limits.
3 - The maximum detected concentration is used for screening purposes.
4 - No background data are available.
5 - USEPA Regional Screening Levels for Chemical Contaminants at Superfund Sites, May 2018. The noncarcinogenic values (denoted with a "N" flag) correspond to a target hazard quotient of 0.1. Carcinogenic values represent an incremental cancer risk of 1.0E-06 (carcinogens denoted with a "C" flag).
6 - The chemical is selected as a COPC if the maximum detected concentration exceeds the risk-based COPC screening level.
7 - Value is for 1,4-dichlorobenzene.
8 - Value is for m-xylene.
9 - Value is for 3-methylphenol.
10 - Value is for acenaphthene.
11 - Value is for benzo(a)pyrene.
12 - Value is for pyrene.
13 - Value is for Aroclor 1260.
14 - Value is for high risk PCBs.
15 - Value is for trivalent chromium.
16 - Value is for mercuric chloride (and other mercury salts).
Shaded criterion indicates that the maximum detected concentration exceeds one or more screening criteria. Shaded chemical name indicates that the chemical was retained as a COPC.

Definitions:
ARAR/TBC = Applicable or Relevant and Appropriate Requirements To Be Considered
C = Carcinogen
COPC = Chemical Of Potential Concern
J = Estimated value
K = Biased high
L = Biased low
mg/kg = milligrams per kilogram
N = Noncarcinogen
NA = Not Applicable/Not Available
ug/kg = micrograms per kilogram

Rationale Codes:
For selection as a COPC:
ASL = Above Screening Level

For elimination as a COPC:
BSL = Below COPC Screening Level
NTX = No toxicity criteria

TABLE C.1-2
OCCURRENCE, DISTRIBUTION, AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN - DIRECT CONTACT WITH SUBSURFACE SOIL
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current/Future
Medium: Subsurface Soil
Exposure Medium: Subsurface Soil

Exposure Point	CAS Number	Chemical	Minimum Concentration[1]	Maximum Concentration[1]	Units	Sample of Maximum Concentration	Frequency of Detection	Range of Detections[2]	Concentration Used for Screening[3]	Range of Background Concentrations[4]	USEPA RSL Residential Soil[5]	Potential ARAR/TBC	Potential ARAR/TBC Source	COPC Flag	Rationale for Contaminant Deletion or Selection[6]
Block E	**Volatile Organic Compounds**														
	76-13-1	1,1,2-Trichlorotrifluoroethane	1.2 J	3.4 J	ug/kg	E-SB-1514-4-6	6/261	0.31 - 100000	3.4	NA	670,000 N	NA	NA	No	BSL
	75-34-3	1,1-Dichloroethane	0.48 J	0.69 J	ug/kg	SB-515-0406, SB-515-0810	3/287	0.22 - 44000	0.69	NA	3,600 C	NA	NA	No	BSL
	75-35-4	1,1-Dichloroethene	0.66 J	0.66 J	ug/kg	MRC-E-SB-1360-5	1/287	0.36 - 46000	0.66	NA	23,000 N	NA	NA	No	BSL
	87-61-6	**1,2,3-Trichlorobenzene**	0.6 J	2,200,000	ug/kg	E-SB-833-09	47/287	0.23 - 9800	2,200,000	NA	**6,300 N**	NA	NA	**Yes**	ASL
	526-73-8	1,2,3-Trimethylbenzene	0.35 J	580	ug/kg	E-SB-1041-04	12/273	0.066 - 2900	580	NA	34,000 N	NA	NA	No	BSL
	120-82-1	**1,2,4-Trichlorobenzene**	0.33 J	9,600,000	ug/kg	E-SB-833-09	49/287	0.16 - 9100	9,600,000	NA	**5,800 N**	NA	NA	**Yes**	ASL
	95-63-6	1,2,4-Trimethylbenzene	0.6 J	2,600	ug/kg	E-SB-1041-04	6/287	0.17 - 13000	2,600	NA	30,000 N	NA	NA	No	BSL
	95-50-1	1,2-Dichlorobenzene	0.39 J	120,000 J	ug/kg	E-SB-833-09	36/287	0.15 - 8500	120,000	NA	180,000 N	NA	NA	No	BSL
	107-06-2	**1,2-Dichloroethane**	1.5 J	1,900	ug/kg	E-SB-1474-12-16	8/287	0.19 - 26000	1,900	NA	**460 C**	NA	NA	**Yes**	ASL
	78-87-5	1,2-Dichloropropane	1.5 J	1.5 J	ug/kg	E-CB-2-10-12	1/287	0.1 - 21000	1.5	NA	1,600 N	NA	NA	No	BSL
	541-73-1	**1,3-Dichlorobenzene**	0.39 J	38,000 J	ug/kg	E-SB-833A-10	22/287	0.19 - 12000	38,000	NA	**2,600 C[7]**	NA	NA	**Yes**	ASL
	106-46-7	**1,4-Dichlorobenzene**	0.29 J	130,000 J	ug/kg	E-SB-833-09	49/287	0.2 - 640	130,000	NA	**2,600 C**	NA	NA	**Yes**	ASL
	78-93-3	2-Butanone	0.92 J	3,100 J	ug/kg	E-SB-984-4-6	36/287	0.85 - 110000	3,100	NA	2,700,000 N	NA	NA	No	BSL
	99-87-6	4-Isopropyltoluene	1.6 J	1,300	ug/kg	E-SB-1514-2-4	7/287	0.12 - 12000	1,300	NA	NA	NA	NA	No	NTX
	67-64-1	Acetone	2.2 J	25,000 J	ug/kg	E-SB-1028-08	87/287	2.1 - 800000	25,000	NA	6,100,000 N	NA	NA	No	BSL
	71-43-2	Benzene	0.33 J	20 J	ug/kg	E-SB-1474-12-16	6/287	0.16 - 31000	20	NA	1,200 C	NA	NA	No	BSL
	75-15-0	Carbon Disulfide	0.31 J	5.3 J	ug/kg	E-SB-1442-2-4	15/287	0.14 - 43000	5.3	NA	77,000 N	NA	NA	No	BSL
	56-23-5	Carbon Tetrachloride	0.88 J	0.88 J	ug/kg	E-SB-833G-08	1/287	0.17 - 16000	0.88	NA	650 C	NA	NA	No	BSL
	108-90-7	Chlorobenzene	0.5 J	4,000 J	ug/kg	E-SB-833L-08	25/287	0.22 - 16000	4,000	NA	28,000 N	NA	NA	No	BSL
	67-66-3	Chloroform	0.16 J	12 J	ug/kg	E-SB-1039-07	11/287	0.15 - 23000	12	NA	320 C	NA	NA	No	BSL
	156-59-2	cis-1,2-Dichloroethene	0.3 J	16,000	ug/kg	E-SB-1514-2-4	74/287	0.19 - 18000	16,000	NA	16,000 N	NA	NA	No	BSL
	75-71-8	Dichlorodifluoromethane	0.23 J	0.23 J	ug/kg	E-SB-1516-4-6	1/287	0.2 - 41000	0.23	NA	8,700 N	NA	NA	No	BSL
	100-41-4	Ethylbenzene	0.24 J	630	ug/kg	E-SB-1041-04	5/287	0.18 - 14000	630	NA	5,800 C	NA	NA	No	BSL
	110-54-3	Hexane	2.3 J	2.3 J	ug/kg	E-VB-10-072913-0-3	1/1	-	2.3	NA	61,000 N	NA	NA	No	BSL
	98-82-8	Isopropylbenzene	0.25 J	140 J	ug/kg	E-SB-1041-04	7/287	0.11 - 17000	140	NA	190,000 N	NA	NA	No	BSL
	--	m+p-Xylenes	0.44 J	2,800	ug/kg	E-SB-1041-04	10/287	0.27 - 16000	2,800	NA	55,000 N[8]	NA	NA	No	BSL
	79-20-9	Methyl Acetate	1.7 J	10	ug/kg	E-VB-13-072913-0-3	3/3	-	10	NA	7,800,000 N	NA	NA	No	BSL
	75-09-2	Methylene Chloride	0.24 J	4,800 J	ug/kg	E-SB-833E-06	29/287	0.16 - 360000	4,800	NA	35,000 N	NA	NA	No	BSL
	91-20-3	Naphthalene	0.18 J	770 J	ug/kg	E-SB-984-4-6	14/287	0.13 - 140000	770	NA	3,800 C	NA	NA	No	BSL
	104-51-8	N-Butylbenzene	0.74 J	2,900 J	ug/kg	E-SB-833A-06	10/287	0.16 - 21000	2,900	NA	390,000 N	NA	NA	No	BSL
	103-65-1	N-Propylbenzene	1 J	360	ug/kg	E-SB-1041-04	5/287	0.19 - 36000	360	NA	380,000 N	NA	NA	No	BSL
	95-47-6	o-Xylene	0.18 J	1,100	ug/kg	E-SB-1041-04	7/287	0.15 - 22000	1,100	NA	65,000 N	NA	NA	No	BSL
	135-98-8	sec-Butylbenzene	0.2 J	380 J	ug/kg	E-SB-833A-06	10/287	0.12 - 12000	380	NA	780,000 N	NA	NA	No	BSL
	100-42-5	Styrene	0.21 J	280 J	ug/kg	E-SB-984-4-6	4/287	0.1 - 14000	280	NA	600,000 N	NA	NA	No	BSL
	98-06-6	Tert-Butylbenzene	0.23 J	1.1 J	ug/kg	E-SB-1581-4-6, E-SB-1581-6-8	3/287	0.14 - 17000	1.1	NA	780,000 N	NA	NA	No	BSL
	75-65-0	Tertiary-Butyl Alcohol	2.7 J	1,200 J	ug/kg	E-SB-833L-04	9/166	1.6 - 7200000	1,200	NA	NA	NA	NA	No	NTX
	127-18-4	Tetrachloroethene	0.49 J	710 J	ug/kg	E-SB-984-4-6	9/287	0.25 - 31000	710	NA	8,100 N	NA	NA	No	BSL
	108-88-3	Toluene	0.21 J	650	ug/kg	E-SB-1041-04	29/287	0.19 - 60000	650	NA	490,000 N	NA	NA	No	BSL
	1330-20-7	Total Xylenes	0.44 J	3,900	ug/kg	E-SB-1041-04	14/273	0.24 - 21000	3,900	NA	58,000 N	NA	NA	No	BSL
	156-60-5	trans-1,2-Dichloroethene	0.32 J	140 J	ug/kg	E-SB-1514-2-4	21/287	0.25 - 24000	140	NA	160,000 N	NA	NA	No	BSL
	79-01-6	**Trichloroethene**	0.3 J	7,500,000	ug/kg	E-VB-11-072913-0-3	122/287	0.27 - 25000	7,500,000	NA	**410 N**	NA	NA	**Yes**	ASL
	75-69-4	Trichlorofluoromethane	3.5 J	90	ug/kg	E-SB-113A-4-6	4/287	0.16 - 41000	90	NA	2,300,000 N	NA	NA	No	BSL
	75-01-4	**Vinyl Chloride**	0.48 J	95 J	ug/kg	E-SB-1032-08	16/287	0.19 - 46000	95	NA	**59 C**	NA	NA	**Yes**	ASL
	Semivolatile Organic Compounds														
	92-52-4	1,1-Biphenyl	9.6 J	27 J	ug/kg	UST-MB-2_20130918	2/118	3.8 - 88000	27	NA	4,700 N	NA	NA	No	BSL
	91-57-6	2-Methylnaphthalene	4.7 J	330	ug/kg	EW2-051616	11/62	0.55 - 4.1	330	NA	24,000 N	NA	NA	No	BSL
	--	3&4-Methylphenol	25 J	25 J	ug/kg	PIPE-051616	1/71	22 - 640	25	NA	320,000 N[17]	NA	NA	No	BSL
	83-32-9	Acenaphthene	6.5 J	1,900	ug/kg	EW2-051616	11/62	0.83 - 4.1	1,900	NA	360,000 N	NA	NA	No	BSL
	208-96-8	Acenaphthylene	5.1 J	280	ug/kg	PUSTGBR-030916	8/62	0.38 - 4.1	280	NA	360,000 N[9]	NA	NA	No	BSL
	120-12-7	Anthracene	4.1 J	3,300	ug/kg	PUSTGBR-030916	16/62	0.85 - 4.1	3,300	NA	1,800,000 N	NA	NA	No	BSL
	--	**Bap Equivalent-Halfnd**	1.81865	21,321	ug/kg	PUSTGBR-030916	26/62	0.7 - 4.1	21,321	NA	**110 C[10]**	NA	NA	**Yes**	ASL
	--	**Bap Equivalent-Pos**	1.0548	21,310	ug/kg	PUSTGBR-030916	26/62	0.7 - 4.1	21,310	NA	**110 C[10]**	NA	NA	**Yes**	ASL
	100-52-7	**Benzaldehyde**	30 J	30 J	ug/kg	PIPE-051616	1/104	13 - 39000	30	NA	170000 C	NA	NA	**Yes**	ASL
	56-55-3	**Benzo(a)anthracene**	5.2 J	18,000	ug/kg	PUSTGBR-030916	26/62	0.69 - 4.1	18,000	NA	**1,100 C**	NA	NA	**Yes**	ASL
	50-32-8	**Benzo(a)pyrene**	4.4 J	16,000	ug/kg	PUSTGBR-030916	25/62	0.7 - 4.1	16,000	NA	**110 C**	NA	NA	**Yes**	ASL
	205-99-2	**Benzo(b)fluoranthene**	5.3 J	24,000	ug/kg	PUSTGBR-030916	25/62	0.65 - 4.1	24,000	NA	**1,100 C**	NA	NA	**Yes**	ASL
	191-24-2	Benzo(g,h,i)perylene	6.3 J	12,000	ug/kg	PUSTGBR-030916	23/62	0.38 - 4.1	12,000	NA	180,000 N[11]	NA	NA	No	BSL

TABLE C.1-2
OCCURRENCE, DISTRIBUTION, AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN - DIRECT CONTACT WITH SUBSURFACE SOIL
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current/Future
Medium: Subsurface Soil
Exposure Medium: Subsurface Soil

Exposure Point	CAS Number	Chemical	Minimum Concentration[1]	Maximum Concentration[1]	Units	Sample of Maximum Concentration	Frequency of Detection	Range of Detections[2]	Concentration Used for Screening[3]	Range of Background Concentrations[4]	USEPA RSL Residential Soil[5]	Potential ARAR/TBC	Potential ARAR/TBC Source	COPC Flag	Rationale for Contaminant Deletion or Selection[6]
Block E	207-08-9	Benzo(k)fluoranthene	5.5 J	9,100	ug/kg	PUSTGBR-030916	22/62	0.74 - 4.1	9,100	NA	11,000 C	NA	NA	No	BSL
	117-81-7	Bis(2-ethylhexyl)phthalate	23 J	72 J	ug/kg	E-SB-1035-03	15/118	21 - 62000	72	NA	39,000 C	NA	NA	No	BSL
	85-68-7	Butyl Benzyl Phthalate	61 J	61 J	ug/kg	EW1-051616	1/118	11 - 33000	61	NA	290,000 C	NA	NA	No	BSL
	105-60-2	Caprolactam	46 J	46 J	ug/kg	E-SB-1028-09	1/118	40 - 120000	46	NA	3,100,000 N	NA	NA	No	BSL
	86-74-8	Carbazole	22 J	1,900	ug/kg	EW2-051616	11/118	29 - 88000	1,900	NA	NA	NA	NA	No	NTX
	218-01-9	Chrysene	4.8 J	19,000	ug/kg	PUSTGBR-030916	26/62	1.2 - 1.4	19,000	NA	110,000 C	NA	NA	No	BSL
	53-70-3	**Dibenzo(a,h)anthracene**	53	2300	ug/kg	EW2-051616	7/62	0.72 - 4.1	2300	NA	**110 C**	NA	NA	**Yes**	ASL
	132-64-9	Dibenzofuran	5.8 J	700 J	ug/kg	PUSTGBR-030916	14/118	0.72 - 11000	700	NA	7,300 N	NA	NA	No	BSL
	84-74-2	di-n-Butyl Phthalate	20 J	40 J	ug/kg	E-SB-1026-05	5/118	17 - 49000	40	NA	630,000 N	NA	NA	No	BSL
	206-44-0	Fluoranthene	5.3 J	43,000	ug/kg	PUSTGBR-030916	28/62	0.6 - 4.1	43,000	NA	240,000 N	NA	NA	No	BSL
	86-73-7	Fluorene	6.8 J	1,400	ug/kg	EW2-051616	13/62	0.58 - 4.1	1,400	NA	240,000 N	NA	NA	No	BSL
	193-39-5	**Indeno(1,2,3-cd)pyrene**	5.5 J	10,000	ug/kg	PUSTGBR-030916	20/62	0.38 - 4.1	10,000	NA	**1,100 C**	NA	NA	**Yes**	ASL
	91-20-3	Naphthalene	3.8 J	530	ug/kg	EW2-051616	15/62	0.9 - 4.1	530	NA	3,800 C	NA	NA	No	BSL
	85-01-8	Phenanthrene	6.5 J	13,000	ug/kg	PUSTGBR-030916	26/62	0.8 - 4.1	13,000	NA	180,000 N[11]	NA	NA	No	BSL
	108-95-2	Phenol	11 J	13 J	ug/kg	E-SB-1028-09	2/117	8 - 88000	13	NA	1,900,000 N	NA	NA	No	BSL
	129-00-0	Pyrene	3.8 J	33,000	ug/kg	PUSTGBR-030916	29/62	0.48 - 4.1	33,000	NA	180,000 N	NA	NA	No	BSL
	Polycyclic Aromatic Hydrocarbons														
	90-12-0	1-Methylnaphthalene	5.6 J	140	ug/kg	E-SB-979-3-4	6/164	3.5 - 200	140	NA	18,000 C	NA	NA	No	BSL
	91-57-6	2-Methylnaphthalene	7.8	210	ug/kg	E-SB-979-3-4	11/219	3.5 - 11000	210	NA	24,000 N	NA	NA	No	BSL
	83-32-9	Acenaphthene	7.7	27,000	ug/kg	E-SB-833-09	15/232	0.82 - 3800	27,000	NA	360,000 N	NA	NA	No	BSL
	208-96-8	Acenaphthylene	8.3	22 J	ug/kg	E-VB-11-072913-0-3	4/232	0.38 - 11000	22	NA	360,000 N[9]	NA	NA	No	BSL
	120-12-7	Anthracene	4.2 J	28,000	ug/kg	E-SB-833-09	26/232	0.87 - 3800	28,000	NA	1,800,000 N	NA	NA	No	BSL
	--	**Bap Equivalent-Halfnd**	4.9791	39,347	ug/kg	E-SB-833-09	61/232	0.73 - 3800	39,347	NA	**110 C[10]**	NA	NA	**Yes**	ASL
	--	**Bap Equivalent-Pos**	0.052	33,242	ug/kg	E-SB-833-09	61/232	0.73 - 3800	33,242	NA	**110 C[10]**	NA	NA	**Yes**	ASL
	56-55-3	**Benzo(a)anthracene**	5.1 J	35,000	ug/kg	E-SB-833-09	53/232	0.72 - 3800	35,000	NA	**1,100 C**	NA	NA	**Yes**	ASL
	50-32-8	**Benzo(a)pyrene**	4.3 J	27,000	ug/kg	E-SB-833-09	53/232	0.73 - 3800	27,000	NA	**110 C**	NA	NA	**Yes**	ASL
	205-99-2	**Benzo(b)fluoranthene**	5.4 J	27,000	ug/kg	E-SB-833-09	57/232	0.67 - 3800	27,000	NA	**1,100 C**	NA	NA	**Yes**	ASL
	191-24-2	Benzo(g,h,i)perylene	4.2 J	1,300	ug/kg	E-VB-11-072913-0-3	43/232	0.4 - 11000	1,300	NA	180,000 N[11]	NA	NA	No	BSL
	207-08-9	Benzo(k)fluoranthene	3.8 J	840	ug/kg	E-VB-11-072913-0-3	39/232	0.76 - 11000	840	NA	11,000 C	NA	NA	No	BSL
	218-01-9	Chrysene	4.1 J	42,000	ug/kg	E-SB-833-09	56/232	1.2 - 3800	42,000	NA	110,000 C	NA	NA	No	BSL
	53-70-3	**Dibenzo(a,h)anthracene**	5.6 J	320	ug/kg	E-VB-11-072913-0-3	10/232	0.71 - 11000	320	NA	**110 C**	NA	NA	**Yes**	ASL
	206-44-0	Fluoranthene	4 J	81,000	ug/kg	E-SB-833-09	71/232	0.63 - 3800	81,000	NA	240,000 N	NA	NA	No	BSL
	86-73-7	Fluorene	4.5 J	510 J	ug/kg	SB-504-0406	17/232	0.57 - 11000	510	NA	240,000 N	NA	NA	No	BSL
	193-39-5	Indeno(1,2,3-cd)pyrene	3.7 J	1,100	ug/kg	E-VB-11-072913-0-3	41/232	0.39 - 11000	1,100	NA	1,100 C	NA	NA	No	BSL
	91-20-3	Naphthalene	3.8 J	460	ug/kg	E-SB-833A-10	28/232	0.89 - 11000	460	NA	3,800 C	NA	NA	No	BSL
	85-01-8	Phenanthrene	5.1 J	88,000	ug/kg	E-SB-833-09	49/232	0.82 - 3800	88,000	NA	180,000 N[11]	NA	NA	No	BSL
	129-00-0	Pyrene	4.8 J	60,000	ug/kg	E-SB-833-09	67/232	0.5 - 3800	60,000	NA	180,000 N	NA	NA	No	BSL
	Pesticides														
	72-55-9	4,4'-DDE	1.2 J	24	ug/kg	E-SB-890-2-4	3/10	0.42 - 2.2	24	NA	2,000 C	NA	NA	No	BSL
	1031-07-8	Endosulfan Sulfate	1.2 J	1.2 J	ug/kg	E-SB-903-2-6	1/10	0.95 - 9.8	1.2	NA	47,000 N[12]	NA	NA	No	BSL
	7421-93-4	Endrin Aldehyde	2.1 J	35 K	ug/kg	E-SB-890-2-4	3/10	1.1 - 5.9	35	NA	1,900 N[13]	NA	NA	No	BSL
	PCBs														
	53469-21-9	**Aroclor 1242**	20 J	4,000 J	ug/kg	E-SB-1375-5-6	3/1489	1.5 - 1300000	4,000	NA	**230 C**	NA	NA	**Yes**	ASL
	12672-29-6	Aroclor 1248	20 J	92	ug/kg	E-SB-1466-10-12	5/1489	0.86 - 1100000	92	NA	230 C	NA	NA	No	BSL
	11097-69-1	**Aroclor 1254**	6.2 J	3,500,000 J	ug/kg	E-SB-1713-2-3	121/1489	1.3 - 1700000	3,500,000	NA	**120 N**	NA	NA	**Yes**	ASL
	11096-82-5	**Aroclor 1260**	5.9 J	37,000,000	ug/kg	E-SB-1547-2-4	665/1489	1.3 - 100000	37,000,000	NA	**240 C**	NA	NA	**Yes**	ASL
	PCB Homologs														
	28655-71-2	Heptachlorobiphenyls	5.2 J	1,100	ug/kg	E-SB-1374-2-3	4/8	1.7 - 1.7	1,100	NA	NA	NA	NA	No	NTX
	26601-64-9	Hexachlorobiphenyl	6 J	4,000	ug/kg	E-SB-1374-2-3	5/8	1.1 - 1.1	4,000	NA	NA	NA	NA	No	NTX
	--	Octachlorobiphenyls	8.7 J	91 J	ug/kg	E-SB-1374-2-3	2/8	1.7 - 1.8	91	NA	NA	NA	NA	No	NTX
	25429-29-2	Pentachlorobiphenyls	1.7 J	6,900	ug/kg	E-SB-1374-2-3	7/8	1.2 - 1.2	6,900	NA	NA	NA	NA	No	NTX
	26914-33-0	Tetrachlorobiphenyls	21	3,200	ug/kg	E-SB-1374-2-3	4/8	1.2 - 1.3	3,200	NA	NA	NA	NA	No	NTX
	--	Trichlorobiphenyls	0.81 J	220	ug/kg	E-SB-1374-2-3	4/8	0.56 - 0.59	220	NA	NA	NA	NA	No	NTX
	Metals														
	7440-36-0	Antimony	0.044 J	0.41 L	mg/kg	E-SB-113A-12-14	30/122	0.0056 - 3.6	0.41	NA	3.1 N	NA	NA	No	BSL
	7440-38-2	**Arsenic**	0.22 L	7.7	mg/kg	E-SB-113A-12-14	121/123	1.4 - 1.5	7.7	NA	**0.68 C**	NA	NA	**Yes**	ASL
	7440-39-3	Barium	1.6	89.2	mg/kg	SB-504-0810	109/109	-	89.2	NA	1,500 N	NA	NA	No	BSL
	7440-41-7	Beryllium	0.076	13	mg/kg	E-CB-11A-10-12	99/122	0.015 - 3.5	13	NA	16 N	NA	NA	No	BSL
	7440-43-9	Cadmium	0.01 J	0.67	mg/kg	SB-504-0406	70/123	0.0037 - 3.6	0.67	NA	7.1 N	NA	NA	No	BSL

TABLE C.1-2
OCCURRENCE, DISTRIBUTION, AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN - DIRECT CONTACT WITH SUBSURFACE SOIL
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current/Future
Medium: Subsurface Soil
Exposure Medium: Subsurface Soil

Exposure Point	CAS Number	Chemical	Minimum Concentration[1]	Maximum Concentration[1]	Units	Sample of Maximum Concentration	Frequency of Detection	Range of Detections[2]	Concentration Used for Screening[3]	Range of Background Concentrations[4]	USEPA RSL Residential Soil[5]	Potential ARAR/TBC	Potential ARAR/TBC Source	COPC Flag	Rationale for Contaminant Deletion or Selection[6]
Block E	7440-47-3	Chromium	1.5 J	44	mg/kg	E-CB-11A-18-20	114/123	3.3 - 14	44	NA	12,000 N[15]	NA	NA	No	BSL
	7440-48-4	**Cobalt**	0.18	94	mg/kg	E-CB-11B-6-8	108/108	-	94	NA	**2.3 N**	NA	NA	**Yes**	ASL
	7440-50-8	Copper	1 J	47	mg/kg	E-CB-11B-6-8	117/122	3.3 - 3.4	47	NA	310 N	NA	NA	No	BSL
	7439-89-6	**Iron**	1,290	51,200	mg/kg	SB-514-0810	47/47	-	51,200	NA	**5,500 N**	NA	NA	**Yes**	ASL
	7439-92-1	Lead	0.71 J	16	mg/kg	E-CB-11A-18-20	116/123	2.8 - 3.4	16	NA	400	NA	NA	No	BSL
	7439-96-5	**Manganese**	2.2 L	280 L	mg/kg	SB-514-0406	47/47	-	280	NA	**180 N**	NA	NA	**Yes**	ASL
	7487-94-7	Mercury	0.016 J	0.29	mg/kg	SB-504-0810	10/123	0.016 - 0.14	0.29	NA	2.3 N[16]	NA	NA	No	BSL
	7439-98-7	Molybdenum	0.072 J	1.3 J	mg/kg	SB-504-0810	38/108	0.055 - 1.4	1.3	NA	39 N	NA	NA	No	BSL
	7440-02-0	Nickel	0.76 J	91 K	mg/kg	E-SB-113A-12-14	114/122	0.39 - 3.7	91	NA	150 N	NA	NA	No	BSL
	7782-49-2	Selenium	0.2	13	mg/kg	E-SB-113A-12-14	39/123	0.18 - 3.6	13	NA	39 N	NA	NA	No	BSL
	7440-22-4	Silver	0.03	0.16	mg/kg	SB-504-0406	35/110	0.0079 - 2.8	0.16	NA	39 N	NA	NA	No	BSL
	7440-28-0	**Thallium**	0.021 K	0.34 J	mg/kg	E-SB-1738-12-14	32/122	0.0052 - 2.9	0.34	NA	**0.078 N**	NA	NA	**Yes**	ASL
	7440-62-2	**Vanadium**	2.2 J	78 J	mg/kg	E-SB-1732-12-14	108/108	-	78	NA	**39 N**	NA	NA	**Yes**	ASL
	7440-66-6	Zinc	2.8	330	mg/kg	E-SB-114A-13-16	103/122	5.2 - 35	330	NA	2,300 N	NA	NA	No	BSL
	Miscellaneous Parameters														
	18540-29-9	**Hexavalent Chromium**	0.33 J	1.1	mg/kg	E-SB-890-2-4	7/20	0.29 - 0.33	1.1	NA	**0.3 C**	NA	NA	**Yes**	ASL
	Petroleum Hydrocarbons														
	--	TPH (C10-C32)	35	270	mg/kg	E-SB-1617-9-11	2/16	10 - 11	270	NA	NA	NA	NA	No	NTX
	Petroleum Hydrocarbons														
	--	Diesel Range Organics	3,800 J	28,000,000	ug/kg	E-SB-833-09	14/32	3200 - 29000	28,000,000	NA	NA	NA	NA	No	NTX
	--	Gasoline Range Organics	56 J	170,000 J	ug/kg	E-SB-833A-10	16/38	53 - 280	170,000	NA	NA	NA	NA	No	NTX
	--	TPH (C06-C10)	42 J	14,000	ug/kg	E-SB-1040-08	8/74	37 - 200000	14,000	NA	NA	NA	NA	No	NTX
	--	TPH (C10-C32)	640 J	15,000,000	ug/kg	E-SB-905-6-10	19/100	11 - 130000	15,000,000	NA	NA	NA	NA	No	NTX

Footnotes:
1 - Sample and duplicate are considered as two separate samples when determining the minimum and maximum concentrations.
2 - Values presented are sample-specific quantitation limits.
3 - The maximum detected concentration is used for screening purposes.
4 - No background data are available.
5 - USEPA Regional Screening Levels for Chemical Contaminants at Superfund Sites, May 2018. The noncarcinogenic values (denoted with a "N" flag) correspond to a target hazard quotient of 0.1. Carcinogenic values represent an incremental cancer risk of 1.0E-06 (carcinogens denoted with a "C" flag).
6 - The chemical is selected as a COPC if the maximum detected concentration exceeds the risk-based COPC screening level.
7 - Value is for 1,4-dichlorobenzene.
8 - Value is for m-xylene.
9 - Value is for acenaphthene.
10 - Value is for benzo(a)pyrene.
11 - Value is for pyrene.
12 - Value is for endosulfan.
13 - Value is for endrin.
14 - Value is for high risk PCBs.
15 - Value is for trivalent chromium.
16 - Value is for mercuric chloride (and other mercury salts).
17 - Value is for 3-methylphenol.
Shaded criterion indicates that the maximum detected concentration exceeds one or more screening criteria. Shaded chemical name indicates that the chemical was retained as a COPC.

Definitions:
ARAR/TBC = Applicable or Relevant and Appropriate Requirements To Be Considered
C = Carcinogen
COPC = Chemical Of Potential Concern
J = Estimated value
K = Biased high
L = Biased low
mg/kg = milligrams per kilogram
N = Noncarcinogen
NA = Not Applicable/Not Available
ug/kg = micrograms per kilogram

Rationale Codes:
For selection as a COPC:
ASL = Above Screening Level

For elimination as a COPC:
BSL = Below COPC Screening Level
NTX = No toxicity criteria

Medium-Specific Exposure Point Concentration Summary

TABLE C.2-1
EXPOSURE POINT CONCENTRATION SUMMARY
REASONABLE MAXIMUM EXPOSURE
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil

Exposure Point	Chemical of Potential Concern	Units	Mean	95% UCL (Distribution)	Maximum Concentration (Qualifier)	Exposure Point Concentration			
						Value	Units	Statistic	Rationale
Surface Soil	1,2,3-Trichlorobenzene	mg/kg	0.009	0.014 (N)	0.3 J	0.014	mg/kg	95% KM (t) UCL	ProUCL 5.1.002
	1,2,4-Trichlorobenzene	mg/kg	0.027	0.117 (AG)	1.6	0.117	mg/kg	95% KM Approximate Gamma UCL	ProUCL 5.1.002
	1,4-Dichlorobenzene	mg/kg	0.004	0.002 (N)	0.038 J	0.002	mg/kg	95% KM (t) UCL	ProUCL 5.1.002
	Ethylbenzene	mg/kg	0.461	1.21 (N)	33	1.21	mg/kg	95% KM (t) UCL	ProUCL 5.1.002
	Total Xylenes	mg/kg	2.50	16.1 (G)	180	16.1	mg/kg	95% KM Approximate Gamma UCL	ProUCL 5.1.002
	Trichloroethene	mg/kg	0.100	0.373 (AL)	5	0.373	mg/kg	95% KM (Chebyshev) UCL	ProUCL 5.1.002
	Benzo(a)pyrene Equivalents	mg/kg	0.779	1.32 (NP)	18.9	1.32	mg/kg	95% KM (Chebyshev) UCL	ProUCL 5.1.002
	Naphthalene	mg/kg	0.105	0.240 (NP)	8.8	0.24	mg/kg	95% KM (Chebyshev) UCL	ProUCL 5.1.002
	Aroclor 1242	mg/kg	0.043	0.010 (G)	1.9	0.010	mg/kg	95% KM Approximate Gamma UCL	ProUCL 5.1.002
	Aroclor 1254	mg/kg	0.140	0.197 (G)	20	0.197	mg/kg	95% KM Approximate Gamma UCL	ProUCL 5.1.002
	Aroclor 1260	mg/kg	1.01	1.46 (NP)	24	1.46	mg/kg	95% KM (Chebyshev) UCL	ProUCL 5.1.002
	Antimony	mg/kg	0.493	0.646 (NP)	2.5 L	0.646	mg/kg	95% KM (Chebyshev) UCL	ProUCL 5.1.002
	Arsenic	mg/kg	1.49	1.89 (AG)	9.6 J	1.89	mg/kg	95% Adjusted Gamma UCL	ProUCL 5.1.002
	Cobalt	mg/kg	4.38	11.4 (NP)	27.2	11.1	mg/kg	97.5% Chebyshev (Mean, Sd) UCL	ProUCL 5.1.002
	Iron	mg/kg	15,185	17,200 (N)	29,900	17,200	mg/kg	95% Student's-t UCL	ProUCL 5.1.002
	Manganese	mg/kg	118	271 (L)	231	271	mg/kg	95% Chebyshev(Mean, Sd) UCL	ProUCL 5.1.002
	Mercury	mg/kg	0.062	0.096 (N)	0.56 L	0.096	mg/kg	95% KM (t) UCL	ProUCL 5.1.002
	Thallium	mg/kg	0.257	0.107 (NP)	0.38	0.107	mg/kg	95% KM (Chebyshev) UCL	ProUCL 5.1.002
	Vanadium	mg/kg	18.3	20.4 (AL)	24	20.4	mg/kg	95% Modified-t UCL	ProUCL 5.1.002
	Hexavalent Chromium	mg/kg	0.604	0.671 (NP)	1.45	0.671	mg/kg	95% Modified-t UCL	ProUCL 5.1.002

AG = Approximate gamma
AL = Approximate lognormal
G = Gamma
L = Lognormal
N = Normal
NP = Non-parametric
J = Estimated value
L = Biased low

TABLE C.2-2
EXPOSURE POINT CONCENTRATION SUMMARY
REASONABLE MAXIMUM EXPOSURE
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current
Medium: Subsurface Soil
Exposure Medium: Subsurface Soil

Exposure Point	Chemical of Potential Concern	Units	Mean	95% UCL (Distribution)	Maximum Concentration (Qualifier)	Exposure Point Concentration			
						Value	Units	Statistic	Rationale
Subsurface Soil Excluding Four Subareas	1,2,3-Trichlorobenzene	mg/kg	0.023	0.048 (G)	0.38 J	0.048	mg/kg	95% KM Approximate Gamma UCL	ProUCL 5.1.002
	1,2,4-Trichlorobenzene	mg/kg	0.100	0.223 (G)	1.8	0.223	mg/kg	95% KM Approximate Gamma UCL	ProUCL 5.1.002
	1,2-Dichlorobenzene	mg/kg	0.032	0.057 (N)	0.89	0.057	mg/kg	95% KM (t) UCL	ProUCL 5.1.002
	1,3-Dichlorobenzene	mg/kg	0.003	(1)	0.018 J	0.018	mg/kg	Maximum Detected Concentration	(1)
	1,4-Dichlorobenzene	mg/kg	0.009	0.013 (AN)	0.11 J	0.013	mg/kg	95% KM (t) UCL	ProUCL 5.1.002
	Trichloroethene	mg/kg	0.138	0.536 (G)	6.3	0.536	mg/kg	95% KM Approximate Gamma UCL	ProUCL 5.1.002
	Vinyl Chloride	mg/kg	0.003	0.0012 (N)	0.0035 J	0.0012	mg/kg	95% KM (t) UCL	ProUCL 5.1.002
	Benzo(a)pyrene Equivalents	mg/kg	0.155	0.164 (AG)	2.17	0.164	mg/kg	95% KM Approximate Gamma UCL	ProUCL 5.1.002
	Aroclor 1254	mg/kg	0.019	0.0023 (N)	0.038 J	0.0023	mg/kg	95% KM (t) UCL	ProUCL 5.1.002
	Aroclor 1260	mg/kg	0.163	0.500 (NP)	22	0.500	mg/kg	95% KM (Chebyshev) UCL	ProUCL 5.1.002
	Arsenic	mg/kg	1.92	2.95 (L)	7.7	2.95	mg/kg	95% KM (Chebyshev) UCL	ProUCL 5.1.002
	Cobalt	mg/kg	5.35	9.16 (L)	33 K	9.16	mg/kg	95% KM (Chebyshev) UCL	ProUCL 5.1.002
	Iron	mg/kg	16284	19,500 (AN)	42,200	19,500	mg/kg	95% Student's-t UCL	ProUCL 5.1.002
	Manganese	mg/kg	73.9	103 (G)	280 L	103	mg/kg	95% Adjusted Gamma UCL	ProUCL 5.1.002
	Thallium	mg/kg	0.354	0.061 (L)	0.65 J	0.061	mg/kg	95% H-UCL (KM -Log)	ProUCL 5.1.002
	Vanadium	mg/kg	17.1	20.1 (AG)	56 K	20.1	mg/kg	95% Adjusted Gamma UCL	ProUCL 5.1.002
	Hexavalent Chromium	mg/kg	0.458	0.537 (G)	1.35 J	0.537	mg/kg	95% KM Approximate Gamma UCL	ProUCL 5.1.002

AG = Approximate gamma
AN = Approximate normal
G = Gamma
L = Lognormal
N = Normal
NP = Non-parametric
J = Estimated value
L = Biased low
K = Biased high

1 - There were not enough detected concentrations to calculate reliable statistics. Therefore the maximum detected concentration was used as the EPC.

TABLE C.2-3
EXPOSURE POINT CONCENTRATION SUMMARY
REASONABLE MAXIMUM EXPOSURE
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current
Medium: Subsurface Soil
Exposure Medium: Subsurface Soil

Exposure Point	Chemical of Potential Concern	Units	Mean	95% UCL (Distribution)	Maximum Concentration (Qualifier)	Exposure Point Concentration			
						Value	Units	Statistic	Rationale
Transformer Room #2 Subarea	Benzo(a)pyrene Equivalents	mg/kg	(1)	(1)	0.0098	0.0098	mg/kg	Maximum Detected Concentration	(1)
	Aroclor 1254	mg/kg	(1)	(1)	0.095	0.095	mg/kg	Maximum Detected Concentration	(1)
	Aroclor 1260	mg/kg	1.94	4.55	49	4.55	mg/kg	95% KM (Chebyshev) UCL	ProUCL 5.1.002
	Arsenic	mg/kg	1.6	2.86 (AN)	5.9	2.89	mg/kg	95% Student's-t UCL	ProUCL 5.1.002
	Cobalt	mg/kg	5.85	8.38 (NP)	14	8.43	mg/kg	95% Hall's Bootstrap UCL	ProUCL 5.1.002
	Vanadium	mg/kg	24.7	28.9 (NP)	38	28.9	mg/kg	95% Student's-t UCL	ProUCL 5.1.002

AN = Approximate Normal
NP = Non-parametric

1 - There were not enough detected concentrations to calculate reliable statistics. Therefore the maximum detected concentration was used as the EPC.

TABLE C.2-4
EXPOSURE POINT CONCENTRATION SUMMARY
REASONABLE MAXIMUM EXPOSURE
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current
Medium: Subsurface Soil
Exposure Medium: Subsurface Soil

Exposure Point	Chemical of Potential Concern	Units	Mean	95% UCL (Distribution)	Maximum Concentration (Qualifier)	Exposure Point Concentration			
						Value	Units	Statistic	Rationale
Transformer Room #3 Subarea	1,2,3-Trichlorobenzene	mg/kg	(1)	(1)	0.71	0.71	mg/kg	Maximum Detected Concentration	(1)
	1,2,4-Trichlorobenzene	mg/kg	(1)	(1)	3.7	3.7	mg/kg	Maximum Detected Concentration	(1)
	1,3-Dichlorobenzene	mg/kg	(1)	(1)	0.00046 J	0.00046	mg/kg	Maximum Detected Concentration	(1)
	Benzo(a)pyrene Equivalents	mg/kg	0.544	1.8 (G)	2.88	1.8	mg/kg	95% Gamma Adjusted KM-UCL	ProUCL 5.1.002
	Aroclor 1260	mg/kg	2.61	3.00 (AL)	65	3.00	mg/kg	95% H-UCL (KM -Log)	ProUCL 5.1.002
	Arsenic	mg/kg	0.892	1.82 (NP)	3.2 J	1.82	mg/kg	95% Chebyshev (Mean, Sd) UCL	ProUCL 5.1.002
	Cobalt	mg/kg	1.99	6.09 (NP)	16	6.09	mg/kg	95% Chebyshev (Mean, Sd) UCL	ProUCL 5.1.002
	Iron	mg/kg	(1)	(1)	5,570	5,570	mg/kg	Maximum Detected Concentration	(1)
	Thallium	mg/kg	0.155	0.086 (N)	0.27 J	0.086	mg/kg	95% KM (t) UCL	ProUCL 5.1.002
	Vanadium	mg/kg	20.4	27.8 (NP)	35 J	27.8	mg/kg	95% Chebyshev (Mean, Sd) UCL	ProUCL 5.1.002
	Hexavalent Chromium	mg/kg	0.554	0.659 (NP)	1.3 J	0.659	mg/kg	95% Modified-t UCL	ProUCL 5.1.002

AL = Approximate lognormal
N = Normal
NP = Non-parametric
J = Estimated value

1 - There were not enough detected concentrations to calculate reliable statistics. Therefore the maximum detected concentration was used as the EPC.

TABLE C.2-5
EXPOSURE POINT CONCENTRATION SUMMARY
REASONABLE MAXIMUM EXPOSURE
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current
Medium: Subsurface Soil
Exposure Medium: Subsurface Soil

Exposure Point	Chemical of Potential Concern	Units	Mean	95% UCL (Distribution)	Maximum Concentration (Qualifier)	Exposure Point Concentration			
						Value	Units	Statistic	Rationale
Transformer Room #4 Subarea	1,2,3-Trichlorobenzene	mg/kg	0.037	0.129 (L)	0.91 J	0.129	mg/kg	95% KM (Chebyshev) UCL	ProUCL 5.1.002
	1,2,4-Trichlorobenzene	mg/kg	0.182	0.833 (NP)	4.7	0.833	mg/kg	97.5% KM (Chebyshev) UCL	ProUCL 5.1.002
	1,3-Dichlorobenzene	mg/kg	0.005	0.017 (G)	0.16 J	0.017	mg/kg	95% KM Approximate Gamma UCL	ProUCL 5.1.002
	1,4-Dichlorobenzene	mg/kg	0.011	0.025 (G)	0.17 J	0.025	mg/kg	95% KM Approximate Gamma UCL	ProUCL 5.1.002
	Trichloroethene	mg/kg	(1)	(1)	0.0022 J	0.0022	mg/kg	Maximum Detected Concentration	(1)
	Benzo(a)pyrene Equivalents	mg/kg	0.011	0.029 (NP)	0.267	0.029	mg/kg	95% KM (Chebyshev) UCL	ProUCL 5.1.002
	Aroclor 1242	mg/kg	(1)	(1)	0.02 J	0.02	mg/kg	Maximum Detected Concentration	(1)
	Aroclor 1260	mg/kg	1.47	2.73 (NP)	50	2.73	mg/kg	95% KM (Chebyshev) UCL	ProUCL 5.1.002
	Arsenic	mg/kg	2.09	2.65 (N)	5.5	2.65	mg/kg	95% KM (t) UCL	ProUCL 5.1.002
	Cobalt	mg/kg	13.4	23.3 (AG)	94	23.3	mg/kg	95% Adjusted Gamma UCL	ProUCL 5.1.002
	Iron	mg/kg	14,236	19,200 (N)	21,600	19,200	mg/kg	95% Student's-t UCL	ProUCL 5.1.002
	Manganese	mg/kg	75.3	127 (N)	131	127	mg/kg	95% Student's-t UCL	ProUCL 5.1.002
	Thallium	mg/kg	0.196	0.153 (N)	0.23 J	0.153	mg/kg	95% KM (t) UCL	ProUCL 5.1.002
	Vanadium	mg/kg	30.8	48.7 (L)	78 J	48.7	mg/kg	95% Chebyshev (Mean, Sd) UCL	ProUCL 5.1.002
	Hexavalent Chromium	mg/kg	0.880	1.06 (G)	2.2	1.06	mg/kg	95% Adjusted Gamma UCL	ProUCL 5.1.002

AG = Approximate gamma
AL = Approximate lognormal
G = Gamma
L = Lognormal
N = Normal
NP = Non-parametric
J = Estimated value

1 - There were not enough detected concentrations to calculate reliable statistics. Therefore the maximum detected concentration was used as the EPC.

TABLE C.2-6
EXPOSURE POINT CONCENTRATION SUMMARY
REASONABLE MAXIMUM EXPOSURE
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current
Medium: Subsurface Soil
Exposure Medium: Subsurface Soil

Exposure Point	Chemical of Potential Concern	Units	Mean	95% UCL (Distribution)	Maximum Concentration (Qualifier)	Exposure Point Concentration			
						Value	Units	Statistic	Rationale
Southeast Subarea	1,2,3-Trichlorobenzene	mg/kg	(1)	(1)	14	14	mg/kg	Maximum Detected Concentration	(1)
	1,2,4-Trichlorobenzene	mg/kg	(1)	(1)	69	69	mg/kg	Maximum Detected Concentration	(1)
	1,2-Dichlorobenzene	mg/kg	(1)	(1)	0.61 J	0.61	mg/kg	Maximum Detected Concentration	(1)
	1,3-Dichlorobenzene	mg/kg	0.014	0.473 (N)	0.0055	0.473	mg/kg	95% KM (t) UCL	ProUCL 5.1.002
	1,4-Dichlorobenzene	mg/kg	0.008	0.522 (L)	0.64 J	0.522	mg/kg	95% H-UCL (KM -Log)	ProUCL 5.1.002
	Trichloroethene	mg/kg	1.10	2.48 (NP)	43	2.48	mg/kg	95% KM (Chebyshev) UCL	ProUCL 5.1.002
	Vinyl Chloride	mg/kg	0.014	0.004 (NP)	0.095	0.004	mg/kg	95% KM (Chebyshev) UCL	ProUCL 5.1.002
	Benzo(a)pyrene Equivalents	mg/kg	0.308	1.17 (NP)	21.3	1.17	mg/kg	95% KM (Chebyshev) UCL	ProUCL 5.1.002
	Aroclor 1242	mg/kg	(1)	(1)	4 J	4	mg/kg	Maximum Detected Concentration	(1)
	Aroclor 1254	mg/kg	0.756	1.97 (NP)	80	1.97	mg/kg	95% KM (Chebyshev) UCL	ProUCL 5.1.002
	Aroclor 1260	mg/kg	0.288	0.616 (NP)	24	0.616	mg/kg	95% Chebyshev (Mean, Sd) UCL	ProUCL 5.1.002
	Arsenic	mg/kg	2.20	2.69 (N)	4.6	2.69	mg/kg	95% Student's-t UCL	ProUCL 5.1.002
	Cobalt	mg/kg	3.56	4.25 (N)	6.3	4.25	mg/kg	95% Student's-t UCL	ProUCL 5.1.002
	Iron	mg/kg	14832	20,300 (N)	25,800	20,300	mg/kg	95% Student's-t UCL	ProUCL 5.1.002
	Manganese	mg/kg	33.9	49.5 (N)	70.4 L	49.5	mg/kg	95% Student's-t UCL	ProUCL 5.1.002
	Vanadium	mg/kg	19.1	22.1 (N)	34	22.1	mg/kg	95% Student's-t UCL	ProUCL 5.1.002
	Hexavalent Chromium	mg/kg	0.459	0.582 (N)	1.1	0.582	mg/kg	95% KM (t) UCL	ProUCL 5.1.002

LN = Lognormal
N = Normal
NP = Non-parametric
J = Estimated value
L = Biased low

1 - There were not enough detected concentrations to calculate reliable statistics. Therefore the maximum detected concentration was used as the EPC.

Values Used for Daily Intake Calculations

TABLE C.3-1

VALUES USED FOR DAILY INTAKE CALCULATIONS

REASONABLE MAXIMUM EXPOSURE - CONSTRUCTION WORKERS- SOILS

LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Ingestion	Construction Workers	Adult	Block E	CS	Chemical concentration in soil	Max or 95% UCL	mg/kg	USEPA, 2002a	Intake (mg/kg/day) =
				IR-S	Ingestion Rate	330	mg/day	USEPA, 2002b	
				RBA	Relative Bioavailability	Chemical Specific	unitless	USEPA, 1989	Cs x RBA x IRS x CF3 x FI x EF x ED
				CF3	Conversion Factor 3	1.0E-06	kg/mg	--	BW x AT
				FI	Fraction Ingested	1	unitless	USEPA, 2002b	
				EF	Exposure Frequency	250	days/year	(1)	
				ED	Exposure Duration	1	years	(1)	
				BW	Body Weight	80	kg	USEPA, 2014	
				AT-C	Averaging Time (Cancer)	25,550	days	USEPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	365	days	USEPA, 2014	
Dermal	Construction Workers	Adult	Block E	CS	Chemical concentration in soil	Max or 95% UCL	mg/kg	USEPA, 2002a	Dermally Absorbed Dose (mg/kg/day) =
				CF3	Conversion Factor 3	1.0E-06	kg/mg	--	
				SA	Skin Surface Available for Contact	3,527	cm2	USEPA, 2014	CS x CF3 x SA x SSAF x DABS x EV x EF x ED
				SSAF	Soil to Skin Adherence Factor	0.3	mg/cm2/event	USEPA, 2002b	BW x AT
				DABS	Absorption Factor	Chemical Specific	unitless	USEPA, 2004	
				EV	Events Frequency	1	events/day	USEPA, 2004	
				EF	Exposure Frequency	250	days/year	(1)	
				ED	Exposure Duration	1	years	(1)	
				BW	Body Weight	80	kg	USEPA, 2014	
				AT-C	Averaging Time (Cancer)	25,550	days	USEPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	365	days	USEPA, 2014	

Notes:

1 - Professional judgment.

Sources:

USEPA, 1989: Risk Assessment Guidance for Superfund. Vol 1: Human Health Evaluation Manual, Part A.

USEPA, 2002a:Calculating Upper Confidence Limits for Exposure Point Concentrations at Hazardous Waste Sites. OSWER 9285.6-10, December.

USEPA, 2002b: Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. OSWER 9355.4-24.

USEPA, 2004: Risk Assessment Guidance for Superfund (Part E, Supplemental Guidance for Dermal Risk Assessment) Final. EPA/540/R/99/005.

USEPA, 2014: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors. OSWER 9200.1-120.

TABLE C.3-2

VALUES USED FOR DAILY INTAKE CALCULATIONS

REASONABLE MAXIMUM EXPOSURE - CONSTRUCTION WORKERS - SOILS TO AIR

LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Inhalation	Construction Workers	Adult	Block E	CA	Chemical concentration in air	Calculated	mg/m3	USEPA, 2002a	Exposure Concentration (mg/m^3) =
				CS	Chemical concentration in soil	Max or 95% UCL	mg/kg	USEPA, 2002b	
				ET	Exposure Time	8	hours/day	(1)	$\frac{CA \times ET \times EF \times ED}{AT \times 24\ hours/day}$
				EF	Exposure Frequency	250	days/year	(1)	
				ED	Exposure Duration	1	years	(1)	
				AT-C	Averaging Time (Cancer)	25,550	days	USEPA, 2014	CA = (1/PEF + 1/VF) x Cs
				AT-N	Averaging Time (Non-Cancer)	365	days	USEPA, 2014	
				PEF	Particulate Emission Factor	1.43E+06	m3/kg	USEPA, 2002a	
				VF	Volatilization Factor	Chemical-specific	m3/kg	USEPA, 2002a	
				Q/C	Inverse of mean concentration at center of source	14.31	g/m2-s per kg/m3	USEPA, 2002a	

Notes:

1 - Professional judgment.

Sources:

USEPA, 2002a: Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. OSWER 9355.4-24.

USEPA, 2002b:Calculating Upper Confidence Limits for Exposure Point Concentrations at Hazardous Waste Sites. OSWER 9285.6-10, December.

USEPA, 2014: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors. OSWER 9200.1-120.

TABLE C.3-3

VALUES USED FOR DAILY INTAKE CALCULATIONS

REASONABLE MAXIMUM EXPOSURE - INDUSTRIAL WORKERS - SOIL

LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Ingestion	Industrial Workers	Adult	Block E	CS	Chemical concentration in soil	Max or 95% UCL	mg/kg	USEPA, 2002	Intake (mg/kg/day) =
				IR-S	Ingestion Rate	100	mg/day	USEPA, 2014	
				RBA	Relative Bioavailability	Chemical Specific	unitless	USEPA, 1989	$\frac{Cs \times RBA \times IRS \times CF3 \times FI \times EF \times ED}{BW \times AT}$
				CF3	Conversion Factor 3	1.0E-06	kg/mg	--	
				FI	Fraction Ingested	1	unitless	USEPA, 2014	
				EF	Exposure Frequency	250	days/year	USEPA, 2014	
				ED	Exposure Duration	25	years	USEPA, 2014	
				BW	Body Weight	80	kg	USEPA, 2014	
				AT-C	Averaging Time (Cancer)	25,550	days	USEPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	9,125	days	USEPA, 2014	
Dermal	Industrial Workers	Adult	Block E	CS	Chemical concentration in soil	Max or 95% UCL	mg/kg	USEPA, 2002	Dermally Absorbed Dose (mg/kg/day) =
				CF3	Conversion Factor 3	1.0E-06	kg/mg	--	
				SA	Skin Surface Available for Contact	3,527	cm2	USEPA, 2014	$\frac{CS \times CF3 \times SA \times SSAF \times DABS \times EV \times EF \times ED}{BW \times AT}$
				SSAF	Soil to Skin Adherence Factor	0.12	mg/cm2/event	USEPA, 2014	
				DABS	Absorption Factor	Chemical Specific	unitless	USEPA, 2004	
				EV	Events Frequency	1	events/day	USEPA, 2004	
				EF	Exposure Frequency	250	days/year	USEPA, 2014	
				ED	Exposure Duration	25	years	USEPA, 2014	
				BW	Body Weight	80	kg	USEPA, 2014	
				AT-C	Averaging Time (Cancer)	25,550	days	USEPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	9,125	days	USEPA, 2014	

Sources:

USEPA, 1989: Risk Assessment Guidance for Superfund. Vol 1: Human Health Evaluation Manual, Part A.

USEPA, 2002:Calculating Upper Confidence Limits for Exposure Point Concentrations at Hazardous Waste Sites. OSWER 9285.6-10, December.

USEPA, 2004: Risk Assessment Guidance for Superfund (Part E, Supplemental Guidance for Dermal Risk Assessment) Final. EPA/540/R/99/005.

USEPA, 2014: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors. OSWER 9200.1-120.

TABLE C.3-4

VALUES USED FOR DAILY INTAKE CALCULATIONS

REASONABLE MAXIMUM EXPOSURE - INDUSTRIAL WORKERS - SOIL TO AIR

LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Inhalation	Industrial Workers	Adult	Block E	CA	Chemical concentration in air	Calculated	mg/m3	USEPA, 2002a	Exposure Concentration (mg/m^3) =
				CS	Chemical concentration in soil	Max or 95% UCL	mg/kg	USEPA, 2002b	
				ET	Exposure Time	8	hours/day	USEPA, 2014	$\frac{CA \times ET \times EF \times ED}{AT \times 24\ hours/day}$
				EF	Exposure Frequency	250	days/year	USEPA, 2014	
				ED	Exposure Duration	25	years	USEPA, 2014	
				AT-C	Averaging Time (Cancer)	25,550	days	USEPA, 2014	CA = (1/PEF + 1/VF) x Cs
				AT-N	Averaging Time (Non-Cancer)	9,125	days	USEPA, 2014	
				PEF	Particulate Emission Factor	3.23E+09	m3/kg	USEPA, 2018	
				VF	Volatilization Factor	Chemical-specific	m3/kg	USEPA, 2002a	
				Q/C	Inverse of mean concentration at center of source	68.18	g/m2-s per kg/m3	USEPA, 2018	

Sources:

USEPA, 2002a: Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. OSWER 9355.4-24.

USEPA, 2002b:Calculating Upper Confidence Limits for Exposure Point Concentrations at Hazardous Waste Sites. OSWER 9285.6-10, December.

USEPA, 2014: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors. OSWER 9200.1-120.

USEPA, 2018: USEPA Regional Screening Level Calculator at http://epa-prgs.ornl.gov/cgi-bin/chemicals/csl_search. Default values.

CLIENT: LOCKHEED MARTIN - BLOCK E		**JOB NUMBER:** 112IC07931
SUBJECT: CALCULATION OF PARTICULATE EMISSION FACTOR FOR CONSTRUCTION WORKERS FROM VEHICULAR TRAFFIC		
BASED ON: Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites (USEPA, December 2002)		
BY: R. JUPIN	**CHECKED BY:**	**DATE:** 4/09/2018

RELEVANT EQUATIONS:

$$PEF_{sc} = Q \Big/ C_{sr} \times \frac{1}{F_D} \times \frac{T \times A_R}{\frac{2.6 \times (s/12)^{0.8} (W/3)^{0.4}}{(M_{dry}/0.2)^{0.3}} \times \left[\frac{(365\text{-}p)}{365}\right] \times 281.9 \times \sum VKT}$$

$$T = ET \times EF \times 3600\ s/hr \qquad A_R = L_R \times W_R \times 0.092903\ m^2/ft^2$$

$$W = [(N_{car} \times W_{car}) + (N_{truck} + W_{truck})]/(N_{car} + N_{truck})$$

$$VKT = (N_{car} + N_{truck}) \times (L_R \times 0.0003048\ ft/km) \times EF$$

$$F_D = 0.1852 + \frac{5.3537}{T} + \frac{-9.6318}{T^2}$$

$$Q/C_{sr} = A \times \exp\left[\frac{(\ln A_s - B)^2}{C}\right]$$

Where:

T = :	7.2E+06	total time over which construction occurs (s)
ET = :	8	Exposure time (hr/day)
EF = :	250	Number of days construction occurs (days)
W_R = :	20	width of road segment (ft)
As = :	0.5	surface area of contaminated road segment (acres)
L_R = :	147.580	length of road segment (ft)
A_R = :	274.213	surface area of contaminated road segment (m^2)
s =:	8.5	road surface silt content (%)
Mdry = :	0.2	road surface material moisture content under dry conditions, uncontrolled conditions (%)
N_{car} = :	20	number of cars
N_{truck} = :	10	number of trucks
W_{car} = :	2	tons/car
W_{truck} = :	20	tons/truck
p = :	140	days per year with at least 0.1" of precipitation
W = :	8	mean vehicle weight (tons)
VKT = :	337.37	sum of fleet vehicle km traveled (km)
F_D= :	0.185	dispersion correction factor (unitless)
A = :	12.9351	
B = :	5.7383	
C = :	71.7711	
Q/C_{sr} = :	23.018	inverse of the ratio of the geometric mean air
PEF_{sc} = :	1.43E+06	Particulate emission factor (m^3/kg)

Non-Cancer, Cancer Toxicity Data, and Chemical Specific Properties

TABLE C.4-1
NON-CANCER TOXICITY DATA -- ORAL/DERMAL
BLOCK E
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Chemical of Potential Concern	Chronic/ Subchronic	Oral RfD		Oral Absorption Efficiency for Dermal[1]	Absorbed RfD for Dermal[2]		Primary Target Organ(s)	Combined Uncertainty/Modifying Factors	RfD:Target Organ(s)	
		Value	Units		Value	Units			Source(s)	Date(s) (MM/DD/YYYY)
Volatile Organic Compounds										
1,2,3-Trichlorobenzene	Subchronic	8.0E-03	mg/kg/day	1	8.0E-03	mg/kg/day	Body Weight, Hepatic, Thyroid	1000	PPRTV	9/11/2009
	Chronic	8.0E-04	mg/kg/day	1	8.0E-04	mg/kg/day	Body Weight, Hepatic, Thyroid	10000	PPRTV	9/11/2009
1,2,4-Trichlorobenzene	Subchronic	9.0E-02	mg/kg/day	1	9.0E-02	mg/kg/day	Hepatic	100	PPRTV	6/16/2009
	Chronic	1.0E-02	mg/kg/day	1	1.0E-02	mg/kg/day	Adrenals	1000	IRIS	11/12/2018
1,2-Dichloroethane	Subchronic	2.0E-02	mg/kg/day	1	2.0E-02	mg/kg/day	Urinary	3000	PPRTV	10/01/2010
	Chronic	6.0E-03	mg/kg/day	1	6.0E-03	mg/kg/day	Urinary	10000	PPRTV	10/1/2010
1,3-Dichlorobenzene[3]	Subchronic	7.0E-02	mg/kg/day	1	7.0E-02	mg/kg/day	Hepatic	100	ATSDR	8/2006
	Chronic	7.0E-02	mg/kg/day	1	7.0E-02	mg/kg/day	Hepatic	NA	ATSDR	8/2006
1,4-Dichlorobenzene	Subchronic	7.0E-02	mg/kg/day	1	7.0E-02	mg/kg/day	Hepatic	100	ATSDR	8/2006
	Chronic	7.0E-02	mg/kg/day	1	7.0E-02	mg/kg/day	Hepatic	NA	ATSDR	8/2006
Ethylbenzene	Chronic	1.0E-01	mg/kg/day	1	1.0E-01	mg/kg/day	Hepatic, Urinary	1000	IRIS	11/12/2018
Total Xylenes	Subchronic	4.0E-01	mg/kg/day	1	4.0E-01	mg/kg/day	Body Weight	1000	PPRTV	9/30/2009
	Chronic	2.0E-01	mg/kg/day	1	2.0E-01	mg/kg/day	Body Weight	1000	IRIS	11/12/2018
Trichloroethene	Chronic	5.0E-04	mg/kg/day	1	5.0E-04	mg/kg/day	Immune System, Developmental	1000	IRIS	11/12/2018
Vinyl Chloride	Chronic	3.0E-03	mg/kg/day	1	3.0E-03	mg/kg/day	Hepatic	30	IRIS	11/12/2018
Polycyclic Aromatic Hydrocarbons										
Benzo(a)pyrene	Chronic	3.0E-04	mg/kg/day	1	3.0E-04	mg/kg/day	Developmental	NA	IRIS	11/12/2018
Naphthalene	Subchronic	6.0E-01	mg/kg/day	1	6.0E-01	mg/kg/day	Central Nervous System	90	ATSDR	8/2005
	Chronic	2.0E-02	mg/kg/day	1	2.0E-02	mg/kg/day	Body Weight	3000	IRIS	11/12/2018
Polychlorinated Biphenyls										
Aroclor 1242	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	Subchronic	3.0E-05	mg/kg/day	1	3.0E-05	mg/kg/day	Central Nervous System	300	ATSDR	11/2000
	Chronic	2.0E-05	mg/kg/day	1	2.0E-05	mg/kg/day	Immune System, Dermal, Ocular	300	IRIS	11/12/2018
Aroclor 1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals										
Antimony	Subchronic	4.0E-04	mg/kg/day	0.15	6.0E-05	mg/kg/day	Body Weight	1000	PPRTV	7/29/2008
	Chronic	4.0E-04	mg/kg/day	0.15	6.0E-05	mg/kg/day	Blood	1000	IRIS	11/12/2018
Arsenic	Chronic	3.0E-04	mg/kg/day	1	3.0E-04	mg/kg/day	Dermal, Cardiovascular System	3/1	IRIS	11/12/2018
Cobalt	Subchronic	3.0E-03	mg/kg/day	1	3.0E-03	mg/kg/day	Thryoid	300	PPRTV	8/25/2008
	Chronic	3.0E-04	mg/kg/day	1	3.0E-04	mg/kg/day	Thryoid	3000	PPRTV	8/25/2008
Iron	Subchronic	7.0E-01	mg/kg/day	1	7.0E-01	mg/kg/day	Gastrointestinal System	1.5	PPRTV	9/11/2006
	Chronic	7.0E-01	mg/kg/day	1	7.0E-01	mg/kg/day	Gastrointestinal System	1.5	PPRTV	9/11/2006
Manganese[4]	Chronic	2.4E-02	mg/kg/day	0.04	9.6E-04	mg/kg/day	Central Nervous System	1	IRIS	11/12/2018
Mercury	Subchronic	2.0E-03	mg/kg/day	0.07	1.4E-04	mg/kg/day	Urinary	100	ATSDR	3/1/1999
	Chronic	3.0E-04	mg/kg/day	0.07	2.1E-05	mg/kg/day	Immune System, Urinary	1000	IRIS	11/12/2018
Thallium	Subchronic	4.0E-05	mg/kg/day	1	4.0E-05	mg/kg/day	Dermal	1000	PPRTV	10/25/2012
	Chronic	1.0E-05	mg/kg/day	1	1.0E-05	mg/kg/day	Dermal	3000	PPRTV	10/25/2012
Vanadium[5]	Subchronic	1.0E-02	mg/kg/day	0.026	2.6E-04	mg/kg/day	Urinary	10	ATSDR	9/2012
	Chronic	5.0E-03	mg/kg/day	0.026	1.3E-04	mg/kg/day	Urinary	300	IRIS	11/12/2018
Miscellaneous Parameters										
Hexavalent Chromium	Subchronic	5.0E-03	mg/kg/day	0.025	1.3E-04	mg/kg/day	Blood	100	ATSDR	9/2012
	Chronic	3.0E-03	mg/kg/day	0.025	7.5E-05	mg/kg/day	None Reported	300	IRIS	11/12/2018

Notes:
1 - U.S. EPA, 2004: Risk Assessment Guidance for Superfund (Part E, Supplemental Guidance for Dermal Risk Assessment) Interim. EPA/540/R/99/005.
2 - Adjusted dermal RfD = Oral RfD x Oral Absorption Efficiency for Dermal.
3 - Values are for 1,4-dichlorobenzene.
4 - Adjusted IRIS value in accordance with IRIS.
5 - Chronic value from IRIS adjusted as specified in the USEPA Regional Screening Level User Guide (May 2018).

Definitions:
ATSDR = Agency for Toxic Substances and Disease Registry
IRIS = Integrated Risk Information System.
NA = Not available.
PPRTV = Provisional Peer Reviewed Toxicity Value.

TABLE C.4-2
NON-CANCER TOXICITY DATA -- INHALATION
BLOCK E
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Chemical of Potential Concern	Chronic/ Subchronic	Inhalation RfC		Primary Target Organ(s)	Combined Uncertainty/Modifying Factors	RfC : Target Organ(s)	
		Value	Units			Source(s)	Date(s) (MM/DD/YYYY)
Volatile Organic Compounds							
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	Subchronic	2.0E-02	mg/m^3	Urinary	300	PPRTV	6/16/2009
	Chronic	2.0E-03	mg/m^3	Urinary	300	PPRTV	6/16/2009
1,2-Dichloroethane	Subchronic	7.0E-02	mg/m^3	None Reported	300	PPRTV	10/1/2010
	Chronic	7.0E-03	mg/m^3	Central Nervous System	3000	PPRTV	10/1/2010
1,3-Dichlorobenzene(1)	Subchronic	1.2E+00	mg/m^3	Hepatic	100	ATSDR	8/2006
	Chronic	8.0E-01	mg/m^3	Hepatic	100	IRIS	11/12/2018
1,4-Dichlorobenzene	Subchronic	1.2E+00	mg/m^3	Hepatic	100	ATSDR	8/2006
	Chronic	8.0E-01	mg/m^3	Hepatic	100	IRIS	11/12/2018
Ethylbenzene	Subchronic	9.0E+00	mg/m^3	Ear	100	PPRTV	9/10/2009
	Chronic	1.0E+00	mg/m^3	Developmental	300	IRIS	11/12/2018
Total Xylenes	Subchronic	4.0E-01	mg/m^3	Central Nervous System	100	PPRTV	9/30/2009
	Chronic	1.0E-01	mg/m^3	Central Nervous System	300	IRIS	11/12/2018
Trichloroethene	Chronic	2.0E-03	mg/m^3	Immune System, Developmental	100	IRIS	11/12/2018
Vinyl Chloride	Subchronic	7.7E-02	mg/m^3	Hepatic	30	ATSDR	7/2006
	Chronic	1.0E-01	mg/m^3	Hepatic	30	IRIS	11/12/2018
Polycyclic Aromatic Hydrocarbons							
Benzo(a)pyrene	Chronic	2.0E-06	mg/m^3	Developmental	NA	IRIS	11/12/2018
Naphthalene	Chronic	3.0E-03	mg/m^3	Central Nervous System, Respiratory	3000	IRIS	3/8/2018
Polychlorinated Biphenyls							
Aroclor 1242	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NA	NA	NA	NA	NA	NA	NA

TABLE C.4-2
NON-CANCER TOXICITY DATA -- INHALATION
BLOCK E
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Chemical of Potential Concern	Chronic/ Subchronic	Inhalation RfC		Primary Target Organ(s)	Combined Uncertainty/Modifying Factors	RfC : Target Organ(s)	
		Value	Units			Source(s)	Date(s) (MM/DD/YYYY)
Metals							
Antimony	NA	NA	NA	NA	NA	NA	NA
Arsenic	Chronic	1.5E-05	mg/m^3	Dermal, Cardiovascular System	NA	Cal EPA	9/2009
Cobalt	Subchronic	2.0E-05	mg/m^3	Respiratory	100	PPRTV	8/25/2008
	Chronic	6.0E-06	mg/m^3	Respiratory	300	PPRTV	8/25/2008
Iron	NA	NA	NA	NA	NA	NA	NA
Manganese	Chronic	5.0E-05	mg/m^3	Central Nervous System	1000	IRIS	11/12/2018
Mercury	Chronic	3.0E-04	mg/m^3	Central Nervous System	30	IRIS	11/12/2018
Thallium	NA	NA	NA	NA	NA	NA	NA
Vanadium	Chronic	1.0E-04	mg/m3	Respiratory	30	ATSDR	9/2012
Miscellaneous Parameters							
Hexavalent Chromium	Subchronic	3.0E-04	mg/m^3	Respiratory	30	ATSDR	9/2012
	Chronic	1.0E-04	mg/m^3	Respiratory	300	IRIS	11/12/2018

Notes:

1 - Values are for 1,4-dichlorobenzene.

Definitions:

ATSDR = Agency for Toxic Substances and Disease Registry.
Cal EPA = California Environmental Protection Agency.
IRIS = Integrated Risk Information System.
NA = Not available.
PPRTV = Provisional Peer Reviewed Toxicity Value.

TABLE C.4-3
CANCER TOXICITY DATA -- ORAL/DERMAL
BLOCK E
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Chemical of Potential Concern	Oral Cancer Slope Factor		Oral Absorption Efficiency for Dermal[1]	Absorbed Cancer Slope Factor for Dermal[2]		Weight of Evidence/ Cancer Guideline Description[3]	Oral CSF	
	Value	Units		Value	Units		Source(s)	Date(s) (MM/DD/YYYY)
Volatile Organic Compounds								
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	2.9E-02	$(mg/kg/day)^{-1}$	1	2.9E-02	$(mg/kg/day)^{-1}$	NA	PPRTV	6/17/2009
1,2-Dichloroethane	9.1E-02	$(mg/kg/day)^{-1}$	1	9.1E-02	$(mg/kg/day)^{-1}$	B2 / Probable human carcinogen	IRIS	11/12/2018
1,3-Dichlorobenzene[4]	5.4E-03	$(mg/kg/day)^{-1}$	1	5.4E-03	$(mg/kg/day)^{-1}$	NA	Cal EPA	11/2010
1,4-Dichlorobenzene	5.4E-03	$(mg/kg/day)^{-1}$	1	5.4E-03	$(mg/kg/day)^{-1}$	NA	Cal EPA	11/2010
Ethylbenzene	1.1E-02	$(mg/kg/day)^{-1}$	1	1.1E-02	$(mg/kg/day)^{-1}$	NA	Cal EPA	11/2007
Total Xylenes	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene[5]	4.6E-02	$(mg/kg/day)^{-1}$	1	4.6E-02	$(mg/kg/day)^{-1}$	Carcinogenic to humans	IRIS	11/12/2018
Vinyl Chloride	7.2E-01	$(mg/kg/day)^{-1}$	1	7.2E-01	$(mg/kg/day)^{-1}$	Known/likely human carcinogen	IRIS	11/12/2018
Polycyclic Aromatic Hydrocarbons								
Benzo(a)pyrene[5]	1.0E+00	$(mg/kg/day)^{-1}$	1	1.0E+00	$(mg/kg/day)^{-1}$	Carcinogenic to humans	IRIS	11/12/2018
Naphthalene	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls								
Aroclor 1242	2.0E+00	$(mg/kg/day)^{-1}$	1	2.0E+00	$(mg/kg/day)^{-1}$	B2 / Probable human carcinogen	USEPA(1)	9/1996
Aroclor 1248	2.0E+00	$(mg/kg/day)^{-1}$	1	2.0E+00	$(mg/kg/day)^{-1}$	B2 / Probable human carcinogen	USEPA(1)	9/1996
Aroclor 1254	2.0E+00	$(mg/kg/day)^{-1}$	1	2.0E+00	$(mg/kg/day)^{-1}$	B2 / Probable human carcinogen	USEPA(1)	9/1996
Aroclor 1260	2.0E+00	$(mg/kg/day)^{-1}$	1	2.0E+00	$(mg/kg/day)^{-1}$	B2 / Probable human carcinogen	USEPA(1)	9/1996
Metals								
Antimony	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	1.5E+00	$(mg/kg/day)^{-1}$	1	1.5E+00	$(mg/kg/day)^{-1}$	A / human carcinogen	IRIS	11/12/2018
Cobalt	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	D / Not classifiable as to human carcinogenicity	IRIS	11/12/2018
Mercury	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous Parameters								
Hexavalent Chromium[5]	5.0E-01	$(mg/kg/day)^{-1}$	0.025	2.0E+01	$(mg/kg/day)^{-1}$	A / Known human carcinogen	Cal EPA	7/29/2011

Notes:
1 - USEPA, 2004: Risk Assessment Guidance for Superfund (Part E, Supplemental Guidance for Dermal Risk Assessment) Interim. EPA/540/R/99/005.
2 - Adjusted cancer slope factor for dermal = Oral cancer slope factor / Oral Absorption Efficiency for Dermal.
3 - Weight of evidence description is the most recent one presented in IRIS.
4 - Values are for 1,4-dichlorobenzene.
5 - Trichloroethene, several PAHs, and hexavalent chromium are considered to act via the mutagenic mode of action. These chemicals are evaluated in accordance with USEPA's Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens (2005).
Cal EPA = California Environmental Protection Agency.
IRIS = Integrated Risk Information System.
NA = Not available.
PPRTV = Provisional Peer Reviwed Toxicity Value.
USEPA(1) = USEPA, PCBs: Cancer Dose-Response Assessment and Applications to Environmental Mixtures, September 1996, EPA/600/P-96/001F.

TABLE C.4-4
CANCER TOXICITY DATA -- INHALATION
BLOCK E
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Chemical of Potential Concern	Unit Risk		Weight of Evidence/ Cancer Guideline Description[1]	Unit Risk : Inhalation CSF	
	Value	Units		Source(s)	Date(s) (MM/DD/YYYY)
Volatile Organic Compounds					
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
1,2-Dichloroethane	2.6E-05	$(ug/m^3)^{-1}$	B2 / Probable human carcinogen	IRIS	11/12/2018
1,3-Dichlorobenzene[2]	1.1E-05	$(ug/m^3)^{-1}$	NA	Cal EPA	11/2010
1,4-Dichlorobenzene	1.1E-05	$(ug/m^3)^{-1}$	NA	Cal EPA	11/2010
Ethylbenzene	2.5E-06	$(ug/m^3)^{-1}$	NA	Cal EPA	11/2007
Total Xylenes	NA	NA	NA	NA	NA
Trichloroethene[3]	4.1E-06	$(ug/m^3)^{-1}$	Carcinogenic to humans	IRIS	11/12/2018
Vinyl Chloride	4.4E-06	$(ug/m^3)^{-1}$	Known/likely human carcinogen	IRIS	11/12/2018
Polycyclic Aromatic Hydrocarbons					
Benzo(a)pyrene[3]	6.0E-04	$(ug/m^3)^{-1}$	Carcinogenic to humans	IRIS	11/12/2018
Naphthalene	3.4E-05	$(ug/m^3)^{-1}$	NA	Cal EPA	8/2004
Polychlorinated Biphenyls					
Aroclor 1242	5.7E-04	$(ug/m^3)^{-1}$	B2 / Probable human carcinogen	USEPA(1)	9/1996
Aroclor 1248	5.7E-04	$(ug/m^3)^{-1}$	B2 / Probable human carcinogen	USEPA(1)	9/1996
Aroclor 1254	5.7E-04	$(ug/m^3)^{-1}$	B2 / Probable human carcinogen	USEPA(1)	9/1996
Aroclor 1260	5.7E-04	$(ug/m^3)^{-1}$	B2 / Probable human carcinogen	USEPA(1)	9/1996
Metals					
Antimony	NA	NA	NA	NA	NA
Arsenic	4.3E-03	$(ug/m^3)^{-1}$	A / Known human carcinogen	IRIS	11/12/2018
Cobalt	9.0E-03	$(ug/m^3)^{-1}$	NA	PPRTV	8/25/2008
Iron	NA	NA	NA	NA	NA
Manganese	NA	NA	D / Not classifiable as to human carcinogenicity	IRIS	11/12/2018
Mercury	NA	NA	NA	NA	NA
Thallium	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA
Miscellaneous Parameters					
Hexavalent Chromium[3]	8.4E-02	$(ug/m^3)^{-1}$	A / Known human carcinogen	IRIS	11/12/2018

TABLE C.4-4
CANCER TOXICITY DATA -- INHALATION
BLOCK E
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
PAGE 2 OF 2

Notes:

1 - Weight of evidence description is the most recent one presented in IRIS.

2 - Vales are for 1,4-dichlorobenzene.

3 - Trichloroethene, several PAHs, and hexavalent chromium are considered to act via the mutagenic mode of action. These chemicals are evaluated in accordance with USEPA's Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens (2005).

Definitions:

Cal EPA = California Environmental Protection Agency.

IRIS = Integrated Risk Information System.

NA = Not available.

PPRTV = Provisional Peer Reviewed Toxicity Value.

USEPA(1) = USEPA, PCBs: Cancer Dose-Response Assessment and Applications to Environmental Mixtures, September 1996, EPA/600/P-96/001F.

TABLE C.4-5
CHEMICAL SPECIFIC PROPERTIES
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Chemical	Organic Carbon Partition Coefficient[1] (cm^3/g)	Air Diffusivity[1] (cm^2/sec)	Water Diffusivity[1] (cm^2/sec)	Solubility Limit[1] (mg/L)	Henry's Law Constant[1] (Dimensionless)	Is a Volatile?[1] (Yes/No)	Dermal Absorption Fraction[2] (unitless)	Bioavailability Factors[1] (unitless)
Volatile Organic Compounds								
1,2,3-Trichlorobenzene	1.38E+03	3.95E-02	8.38E-06	1.80E+01	5.11E-02	Yes	0.03	1
1,2,4-Trichlorobenzene	1.36E+03	3.96E-02	8.40E-06	4.90E+01	5.81E-02	Yes	0.03	1
1,2-Dichloroethane	3.96E+01	8.57E-02	1.10E-05	8.60E+03	4.82E-02	Yes	0.03	1
1,3-Dichlorobenzene	3.75E+02	5.58E-02	8.85E-06	1.25E+02	1.08E-01	Yes	0.03	1
1,4-Dichlorobenzene	3.75E+02	5.50E-02	8.68E-06	8.13E+01	9.85E-02	Yes	0.03	1
Ethylbenzene	4.46E+02	6.85E-02	8.46E-06	1.69E+02	3.22E-01	Yes	0.03	1
Total Xylenes	3.83E+02	6.85E-02	8.46E-06	1.06E+02	2.71E-01	Yes	0.03	1
Trichloroethene	6.07E+01	6.87E-02	1.02E-05	1.28E+03	4.03E-01	Yes	0.03	1
Vinyl Chloride	2.17E+01	1.07E-01	1.20E-05	8.80E+03	1.14E+00	Yes	0.03	1
Polycyclic Aromatic Hydrocarbons								
Benzo(a)pyrene	5.87E+05	4.76E-02	5.56E-06	1.62E-03	1.87E-05	No	0.13	1
Naphthalene	1.54E+03	6.05E-02	8.38E-06	3.10E+01	1.80E-02	Yes	0.13	1
Polychlorinated Biphenyls								
Aroclor 1242	7.81E+04	2.39E-02	6.11E-06	2.77E-01	1.40E-02	Yes	0.14	1
Aroclor 1248	7.65E+04	1.63E-02	3.94E-06	1.00E-01	1.80E-02	Yes	0.14	1
Aroclor 1254	1.31E+05	2.37E-02	6.10E-06	4.30E-02	1.16E-02	Yes	0.14	1
Aroclor 1260	3.50E+05	2.20E-02	5.61E-06	1.44E-02	1.37E-02	Yes	0.14	1
Metals								
Antimony	4.50E+01	NV	NV	NV	NV	No	0.01	1
Arsenic	2.90E+01	NV	NV	NV	NV	No	0.03	0.6
Cobalt	4.50E+01	NV	NV	NV	NV	No	0.01	1
Iron	2.50E+01	NV	NV	NV	NV	No	0.01	1
Manganese	6.50E+01	NV	NV	NV	NV	No	0.01	1
Mercury	5.20E+01	3.07E-02	6.30E-06	6.00E-02	3.52E-01	Yes	0.01	1
Thallium	7.10E+01	NV	NV	NV	NV	No	0.01	1
Vanadium	1.00E+03	NV	NV	NV	NV	No	0.01	1
Miscellaneous Parameters								
Hexavalent Chromium	1.90E+01	NV	NV	1.69E+06	NV	No	0.01	1

NV - No values available.

Source:
1 - USEPA 2018: USEPA Regional Screening Levels for Chemical Contaminants at Superfund Sites, May.
2 - USEPA, 2003. Region 3 Technical Guidance Manual, Risk Assessment, Updated Dermal Exposure Assessment Guidance. EPA Region 3. June.

Calculation of Cancer Risks and Non-Cancer Hazards

TABLE C.5-1
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS - SURFACE SOIL
REASONABLE MAXIMUM EXPOSURES
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Future
Receptor Population: Industrial Workers
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Surface Soil	Surface Soil	Surface Soil	Ingestion	1,2,3-Trichlorobenzene	0.014	mg/kg	4.3E-09	(mg/kg/day)	NA	(mg/kg/day)-1	- -	1.2E-08	(mg/kg/day)	8.0E-04	(mg/kg/day)	0.00001
				1,2,4-Trichlorobenzene	0.117	mg/kg	3.6E-08	(mg/kg/day)	2.9E-02	(mg/kg/day)-1	1E-09	1.0E-07	(mg/kg/day)	1.0E-02	(mg/kg/day)	0.00001
				1,4-Dichlorobenzene	0.002	mg/kg	6.1E-10	(mg/kg/day)	5.4E-03	(mg/kg/day)-1	3E-12	1.7E-09	(mg/kg/day)	7.0E-02	(mg/kg/day)	2E-8
				Ethylbenzene	1.21	mg/kg	3.7E-07	(mg/kg/day)	1.1E-02	(mg/kg/day)-1	4E-09	1.0E-06	(mg/kg/day)	1.0E-01	(mg/kg/day)	0.00001
				Total Xylenes	16.1	mg/kg	4.9E-06	(mg/kg/day)	NA	(mg/kg/day)-1	- -	1.4E-05	(mg/kg/day)	2.0E-01	(mg/kg/day)	0.00007
				Trichloroethene	0.373	mg/kg	1.1E-07	(mg/kg/day)	4.6E-02	(mg/kg/day)-1	5E-09	3.2E-07	(mg/kg/day)	5.0E-04	(mg/kg/day)	0.0006
				Benzo(a)pyrene Equivalents	1.32	mg/kg	4.0E-07	(mg/kg/day)	1.0E+00	(mg/kg/day)-1	4E-07	1.1E-06	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.004
				Naphthalene	0.24	mg/kg	7.3E-08	(mg/kg/day)	NA	(mg/kg/day)-1	- -	2.1E-07	(mg/kg/day)	2.0E-02	(mg/kg/day)	0.00001
				Aroclor-1242	0.01	mg/kg	3.1E-09	(mg/kg/day)	2.0E+00	(mg/kg/day)-1	6E-09	8.6E-09	(mg/kg/day)	NA	(mg/kg/day)	--
				Aroclor-1254	0.197	mg/kg	6.0E-08	(mg/kg/day)	2.0E+00	(mg/kg/day)-1	1E-07	1.7E-07	(mg/kg/day)	2.0E-05	(mg/kg/day)	0.008
				Aroclor-1260	1.46	mg/kg	4.5E-07	(mg/kg/day)	2.0E+00	(mg/kg/day)-1	9E-07	1.3E-06	(mg/kg/day)	NA	(mg/kg/day)	--
				Antimony	0.646	mg/kg	2.0E-07	(mg/kg/day)	NA	(mg/kg/day)-1	- -	5.5E-07	(mg/kg/day)	4.0E-04	(mg/kg/day)	0.001
				Arsenic	1.89	mg/kg	3.5E-07	(mg/kg/day)	1.5E+00	(mg/kg/day)-1	5E-07	9.7E-07	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.003
				Cobalt	11.1	mg/kg	3.4E-06	(mg/kg/day)	NA	(mg/kg/day)-1	- -	9.5E-06	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.03
				Iron	17200	mg/kg	5.3E-03	(mg/kg/day)	NA	(mg/kg/day)-1	- -	1.5E-02	(mg/kg/day)	7.0E-01	(mg/kg/day)	0.02
				Manganese	271	mg/kg	8.3E-05	(mg/kg/day)	NA	(mg/kg/day)-1	- -	2.3E-04	(mg/kg/day)	2.4E-02	(mg/kg/day)	0.010
				Mercury	0.096	mg/kg	2.9E-08	(mg/kg/day)	NA	(mg/kg/day)-1	- -	8.2E-08	(mg/kg/day)	NA	(mg/kg/day)	--
				Thallium	0.107	mg/kg	3.3E-08	(mg/kg/day)	NA	(mg/kg/day)-1	- -	9.2E-08	(mg/kg/day)	1.0E-05	(mg/kg/day)	0.009
				Vanadium	20.4	mg/kg	6.2E-06	(mg/kg/day)	NA	(mg/kg/day)-1	- -	1.7E-05	(mg/kg/day)	5.0E-03	(mg/kg/day)	0.003
				Hexavalent Chromium	0.671	mg/kg	2.1E-07	(mg/kg/day)	5.0E-01	(mg/kg/day)-1	1E-07	5.7E-07	(mg/kg/day)	3.0E-03	(mg/kg/day)	0.0002
			Exp. Route Total								2E-06					0.09
			Dermal	1,2,3-Trichlorobenzene	0.014	mg/kg	5.4E-10	(mg/kg/day)	NA	(mg/kg/day)-1	- -	1.5E-09	(mg/kg/day)	8.0E-04	(mg/kg/day)	0.000002
				1,2,4-Trichlorobenzene	0.117	mg/kg	4.5E-09	(mg/kg/day)	2.9E-02	(mg/kg/day)-1	1E-10	1.3E-08	(mg/kg/day)	1.0E-02	(mg/kg/day)	0.000001
				1,4-Dichlorobenzene	0.002	mg/kg	7.8E-11	(mg/kg/day)	5.4E-03	(mg/kg/day)-1	4E-13	2.2E-10	(mg/kg/day)	7.0E-02	(mg/kg/day)	3E-9
				Ethylbenzene	1.21	mg/kg	4.7E-08	(mg/kg/day)	1.1E-02	(mg/kg/day)-1	5E-10	1.3E-07	(mg/kg/day)	1.0E-01	(mg/kg/day)	0.000001
				Total Xylenes	16.1	mg/kg	6.3E-07	(mg/kg/day)	NA	(mg/kg/day)-1	- -	1.8E-06	(mg/kg/day)	2.0E-01	(mg/kg/day)	0.000009
				Trichloroethene	0.373	mg/kg	1.4E-08	(mg/kg/day)	4.6E-02	(mg/kg/day)-1	7E-10	4.1E-08	(mg/kg/day)	5.0E-04	(mg/kg/day)	0.00008
				Benzo(a)pyrene Equivalents	1.32	mg/kg	2.2E-07	(mg/kg/day)	1.0E+00	(mg/kg/day)-1	2E-07	6.2E-07	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.002
				Naphthalene	0.24	mg/kg	4.0E-08	(mg/kg/day)	NA	(mg/kg/day)-1	- -	1.1E-07	(mg/kg/day)	2.0E-02	(mg/kg/day)	0.000006
				Aroclor-1242	0.01	mg/kg	1.8E-09	(mg/kg/day)	2.0E+00	(mg/kg/day)-1	4E-09	5.1E-09	(mg/kg/day)	NA	(mg/kg/day)	--
				Aroclor-1254	0.197	mg/kg	3.6E-08	(mg/kg/day)	2.0E+00	(mg/kg/day)-1	7E-08	1.0E-07	(mg/kg/day)	2.0E-05	(mg/kg/day)	0.005
				Aroclor-1260	1.46	mg/kg	2.6E-07	(mg/kg/day)	2.0E+00	(mg/kg/day)-1	5E-07	7.4E-07	(mg/kg/day)	NA	(mg/kg/day)	--
				Antimony	0.646	mg/kg	8.4E-09	(mg/kg/day)	NA	(mg/kg/day)-1	- -	2.3E-08	(mg/kg/day)	6.0E-05	(mg/kg/day)	0.0004
				Arsenic	1.89	mg/kg	7.3E-08	(mg/kg/day)	1.5E+00	(mg/kg/day)-1	1E-07	2.1E-07	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.0007
				Cobalt	11.1	mg/kg	1.4E-07	(mg/kg/day)	NA	(mg/kg/day)-1	- -	4.0E-07	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.001
				Iron	17200	mg/kg	2.2E-04	(mg/kg/day)	NA	(mg/kg/day)-1	- -	6.2E-04	(mg/kg/day)	7.0E-01	(mg/kg/day)	0.0009
				Manganese	271	mg/kg	3.5E-06	(mg/kg/day)	NA	(mg/kg/day)-1	- -	9.8E-06	(mg/kg/day)	9.6E-04	(mg/kg/day)	0.01
				Mercury	0.096	mg/kg	1.2E-09	(mg/kg/day)	NA	(mg/kg/day)-1	- -	3.5E-09	(mg/kg/day)	NA	(mg/kg/day)	--
				Thallium	0.107	mg/kg	1.4E-09	(mg/kg/day)	NA	(mg/kg/day)-1	- -	3.9E-09	(mg/kg/day)	1.0E-05	(mg/kg/day)	0.0004
				Vanadium	20.4	mg/kg	2.6E-07	(mg/kg/day)	NA	(mg/kg/day)-1	- -	7.4E-07	(mg/kg/day)	1.3E-04	(mg/kg/day)	0.006
				Hexavalent Chromium	0.671	mg/kg	8.7E-09	(mg/kg/day)	2.0E+01	(mg/kg/day)-1	2E-07	2.4E-08	(mg/kg/day)	7.5E-05	(mg/kg/day)	0.0003
			Exp. Route Total								1E-06					0.03
		Exposure Point Total									3E-06					0.1
	Exposure Medium Total										3E-06					0.1

TABLE C.5-1
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS - SURFACE SOIL
REASONABLE MAXIMUM EXPOSURES
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Future
Receptor Population: Industrial Workers
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
	Air	Surface Soil	Inhalation	1,2,3-Trichlorobenzene	4.3E-07	mg/m3	3.5E-08	(mg/m3)	NA	(ug/m3)-1	- -	9.9E-08	(mg/m3)	NA	(mg/m3)	--
				1,2,4-Trichlorobenzene	3.9E-06	mg/m3	3.2E-07	(mg/m3)	NA	(ug/m3)-1	- -	8.9E-07	(mg/m3)	2.0E-03	(mg/m3)	0.0004
				1,4-Dichlorobenzene	1.9E-07	mg/m3	1.6E-08	(mg/m3)	1.1E-05	(ug/m3)-1	2E-10	4.4E-08	(mg/m3)	8.0E-01	(mg/m3)	5E-8
				Ethylbenzene	2.1E-04	mg/m3	1.7E-05	(mg/m3)	2.5E-06	(ug/m3)-1	4E-08	4.9E-05	(mg/m3)	1.0E+00	(mg/m3)	0.00005
				Total Xylenes	2.8E-03	mg/m3	2.3E-04	(mg/m3)	NA	(ug/m3)-1	- -	6.4E-04	(mg/m3)	1.0E-01	(mg/m3)	0.006
				Trichloroethene	1.7E-04	mg/m3	1.4E-05	(mg/m3)	4.1E-06	(ug/m3)-1	6E-08	3.9E-05	(mg/m3)	2.0E-03	(mg/m3)	0.02
				Benzo(a)pyrene Equivalents	4.1E-10	mg/m3	3.3E-11	(mg/m3)	6.0E-04	(ug/m3)-1	2E-11	9.3E-11	(mg/m3)	2.0E-06	(mg/m3)	0.00005
				Naphthalene	5.2E-06	mg/m3	4.2E-07	(mg/m3)	3.4E-05	(ug/m3)-1	1E-08	1.2E-06	(mg/m3)	3.0E-03	(mg/m3)	0.0004
				Aroclor-1242	1.7E-08	mg/m3	1.4E-09	(mg/m3)	5.7E-04	(ug/m3)-1	8E-10	3.9E-09	(mg/m3)	NA	(mg/m3)	--
				Aroclor-1254	2.3E-07	mg/m3	1.9E-08	(mg/m3)	5.7E-04	(ug/m3)-1	1E-08	5.3E-08	(mg/m3)	NA	(mg/m3)	--
				Aroclor-1260	1.1E-06	mg/m3	9.1E-08	(mg/m3)	5.7E-04	(ug/m3)-1	5E-08	2.5E-07	(mg/m3)	NA	(mg/m3)	--
				Antimony	2.0E-10	mg/m3	1.6E-11	(mg/m3)	NA	(ug/m3)-1	- -	4.6E-11	(mg/m3)	NA	(mg/m3)	--
				Arsenic	5.9E-10	mg/m3	4.8E-11	(mg/m3)	4.3E-03	(ug/m3)-1	2E-10	1.3E-10	(mg/m3)	1.5E-05	(mg/m3)	0.000009
				Cobalt	3.4E-09	mg/m3	2.8E-10	(mg/m3)	9.0E-03	(ug/m3)-1	3E-09	7.8E-10	(mg/m3)	6.0E-06	(mg/m3)	0.0001
				Iron	5.3E-06	mg/m3	4.3E-07	(mg/m3)	NA	(ug/m3)-1	- -	1.2E-06	(mg/m3)	NA	(mg/m3)	--
				Manganese	8.4E-08	mg/m3	6.8E-09	(mg/m3)	NA	(ug/m3)-1	- -	1.9E-08	(mg/m3)	5.0E-05	(mg/m3)	0.0004
				Mercury	8.6E-06	mg/m3	7.0E-07	(mg/m3)	NA	(ug/m3)-1	- -	2.0E-06	(mg/m3)	3.0E-04	(mg/m3)	0.007
				Thallium	3.3E-11	mg/m3	2.7E-12	(mg/m3)	NA	(ug/m3)-1	- -	7.6E-12	(mg/m3)	NA	(mg/m3)	--
				Vanadium	6.3E-09	mg/m3	5.1E-10	(mg/m3)	NA	(ug/m3)-1	- -	1.4E-09	(mg/m3)	1.0E-04	(mg/m3)	0.00001
				Hexavalent Chromium	2.1E-10	mg/m3	1.7E-11	(mg/m3)	8.4E-02	(ug/m3)-1	1E-09	4.7E-11	(mg/m3)	1.0E-04	(mg/m3)	0.0000005
			Exp. Route Total								2E-07					0.03
		Exposure Point Total									2E-07					0.03
	Exposure Medium Total										2E-07					0.03
Medium Total											3E-06					0.2
										Total of Receptor Risks Across All Media	3E-06				Total of Receptor Hazards Across All Media	0.2

Notes:
1 - Mutagenic chemicals were evaluated in accordance with USEPA's Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens (2005).

TABLE C.5-2
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS - SUBSURFACE SOIL EXCLUDING FOUR SUBAREAS
REASONABLE MAXIMUM EXPOSURES
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current/Future
Receptor Population: Construction Workers
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Subsurface Soil	Subsurface Soil	Subsurface Soils Excluding 4 Subareas	Ingestion	1,2,3-Trichlorobenzene	0.048	mg/kg	1.9E-09	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	1.4E-07	(mg/kg/day)	8.0E-03	(mg/kg/day)	0.00002
				1,2,4-Trichlorobenzene	0.223	mg/kg	9.0E-09	(mg/kg/day)	2.9E-02	$(mg/kg/day)^{-1}$	3E-10	6.3E-07	(mg/kg/day)	9.0E-02	(mg/kg/day)	0.000007
				1,2-Dichlorobenzene	0.057	mg/kg	2.3E-09	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	1.6E-07	(mg/kg/day)	6.0E-01	(mg/kg/day)	0.0000003
				1,3-Dichlorobenzene	0.018	mg/kg	7.3E-10	(mg/kg/day)	5.4E-03	$(mg/kg/day)^{-1}$	4E-12	5.1E-08	(mg/kg/day)	7.0E-02	(mg/kg/day)	0.0000007
				1,4-Dichlorobenzene	0.013	mg/kg	5.2E-10	(mg/kg/day)	5.4E-03	$(mg/kg/day)^{-1}$	3E-12	3.7E-08	(mg/kg/day)	7.0E-02	(mg/kg/day)	0.0000005
				Trichloroethene	0.536	mg/kg	2.2E-08	(mg/kg/day)	4.6E-02	$(mg/kg/day)^{-1}$	1E-09	1.5E-06	(mg/kg/day)	5.0E-04	(mg/kg/day)	0.003
				Vinyl Chloride	0.0012	mg/kg	4.8E-11	(mg/kg/day)	7.2E-01	$(mg/kg/day)^{-1}$	3E-11	3.4E-09	(mg/kg/day)	3.0E-03	(mg/kg/day)	0.000001
				Benzo(a)pyrene Equivalents	0.176	mg/kg	7.1E-09	(mg/kg/day)	1.0E+00	$(mg/kg/day)^{-1}$	7E-09	5.0E-07	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.002
				Aroclor-1254	0.0023	mg/kg	9.3E-11	(mg/kg/day)	2.0E+00	$(mg/kg/day)^{-1}$	2E-10	6.5E-09	(mg/kg/day)	3.0E-05	(mg/kg/day)	0.0002
				Aroclor-1260	0.5	mg/kg	2.0E-08	(mg/kg/day)	2.0E+00	$(mg/kg/day)^{-1}$	4E-08	1.4E-06	(mg/kg/day)	NA	(mg/kg/day)	--
				Arsenic	2.31	mg/kg	5.6E-08	(mg/kg/day)	1.5E+00	$(mg/kg/day)^{-1}$	8E-08	3.9E-06	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.01
				Cobalt	7.43	mg/kg	3.0E-07	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	2.1E-05	(mg/kg/day)	3.0E-03	(mg/kg/day)	0.007
				Iron	19500	mg/kg	7.9E-04	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	5.5E-02	(mg/kg/day)	7.0E-01	(mg/kg/day)	0.08
				Manganese	103	mg/kg	4.2E-06	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	2.9E-04	(mg/kg/day)	2.4E-02	(mg/kg/day)	0.01
				Thallium	0.073	mg/kg	2.9E-09	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	2.1E-07	(mg/kg/day)	4.0E-05	(mg/kg/day)	0.005
				Vanadium	19.8	mg/kg	8.0E-07	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	5.6E-05	(mg/kg/day)	1.0E-02	(mg/kg/day)	0.006
				Hexavalent Chromium	0.533	mg/kg	2.2E-08	(mg/kg/day)	5.0E-01	$(mg/kg/day)^{-1}$	1E-08	1.5E-06	(mg/kg/day)	5.0E-03	(mg/kg/day)	0.0003
			Exp. Route Total								1E-07					0.1
			Dermal	1,2,3-Trichlorobenzene	0.048	mg/kg	1.9E-10	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	1.3E-08	(mg/kg/day)	8.0E-03	(mg/kg/day)	0.000002
				1,2,4-Trichlorobenzene	0.223	mg/kg	8.7E-10	(mg/kg/day)	2.9E-02	$(mg/kg/day)^{-1}$	3E-11	6.1E-08	(mg/kg/day)	9.0E-02	(mg/kg/day)	0.0000007
				1,2-Dichlorobenzene	0.057	mg/kg	2.2E-10	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	1.5E-08	(mg/kg/day)	6.0E-01	(mg/kg/day)	3E-8
				1,3-Dichlorobenzene	0.018	mg/kg	7.0E-11	(mg/kg/day)	5.4E-03	$(mg/kg/day)^{-1}$	4E-13	4.9E-09	(mg/kg/day)	7.0E-02	(mg/kg/day)	7E-8
				1,4-Dichlorobenzene	0.013	mg/kg	5.0E-11	(mg/kg/day)	5.4E-03	$(mg/kg/day)^{-1}$	3E-13	3.5E-09	(mg/kg/day)	7.0E-02	(mg/kg/day)	5E-8
				Trichloroethene	0.536	mg/kg	2.1E-09	(mg/kg/day)	4.6E-02	$(mg/kg/day)^{-1}$	1E-10	1.5E-07	(mg/kg/day)	5.0E-04	(mg/kg/day)	0.0003
				Vinyl Chloride	0.0012	mg/kg	4.7E-12	(mg/kg/day)	7.2E-01	$(mg/kg/day)^{-1}$	3E-12	3.3E-10	(mg/kg/day)	3.0E-03	(mg/kg/day)	0.0000001
				Benzo(a)pyrene Equivalents	0.176	mg/kg	3.0E-09	(mg/kg/day)	1.0E+00	$(mg/kg/day)^{-1}$	3E-09	2.1E-07	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.0007
				Aroclor-1254	0.0023	mg/kg	4.2E-11	(mg/kg/day)	2.0E+00	$(mg/kg/day)^{-1}$	8E-11	2.9E-09	(mg/kg/day)	3.0E-05	(mg/kg/day)	0.00010
				Aroclor-1260	0.5	mg/kg	9.1E-09	(mg/kg/day)	2.0E+00	$(mg/kg/day)^{-1}$	2E-08	6.3E-07	(mg/kg/day)	NA	(mg/kg/day)	--
				Arsenic	2.31	mg/kg	9.0E-09	(mg/kg/day)	1.5E+00	$(mg/kg/day)^{-1}$	1E-08	6.3E-07	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.002
				Cobalt	7.43	mg/kg	9.6E-09	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	6.7E-07	(mg/kg/day)	3.0E-03	(mg/kg/day)	0.0002
				Iron	19500	mg/kg	2.5E-05	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	1.8E-03	(mg/kg/day)	7.0E-01	(mg/kg/day)	0.003
				Manganese	103	mg/kg	1.3E-07	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	9.3E-06	(mg/kg/day)	9.6E-04	(mg/kg/day)	0.010
				Thallium	0.073	mg/kg	9.4E-11	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	6.6E-09	(mg/kg/day)	4.0E-05	(mg/kg/day)	0.0002
				Vanadium	19.8	mg/kg	2.6E-08	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	1.8E-06	(mg/kg/day)	2.6E-04	(mg/kg/day)	0.007
				Hexavalent Chromium	0.533	mg/kg	6.9E-10	(mg/kg/day)	2.0E+01	$(mg/kg/day)^{-1}$	1E-08	4.8E-08	(mg/kg/day)	1.3E-04	(mg/kg/day)	0.0004
			Exp. Route Total								5E-08					0.02
		Exposure Point Total									2E-07					0.1
	Exposure Medium Total										2E-07					0.1
	Air	Subsurface Soils Excluding 4 Subareas	Inhalation	1,2,3-Trichlorobenzene	6.7E-06	mg/m^3	2.2E-08	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	1.5E-06	(mg/m^3)	NA	(mg/m^3)	--
				1,2,4-Trichlorobenzene	3.4E-05	mg/m^3	1.1E-07	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	7.7E-06	(mg/m^3)	2.0E-02	(mg/m^3)	0.0004
				1,2-Dichlorobenzene	2.2E-05	mg/m^3	7.2E-08	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	5.0E-06	(mg/m^3)	2.0E+00	(mg/m^3)	0.000003
				1,3-Dichlorobenzene	8.2E-06	mg/m^3	2.7E-08	(mg/m^3)	1.1E-05	$(ug/m^3)^{-1}$	3E-10	1.9E-06	(mg/m^3)	8.0E-01	(mg/m^3)	0.000002
				1,4-Dichlorobenzene	5.6E-06	mg/m^3	1.8E-08	(mg/m^3)	1.1E-05	$(ug/m^3)^{-1}$	2E-10	1.3E-06	(mg/m^3)	1.2E+00	(mg/m^3)	0.000001
				Trichloroethene	1.1E-03	mg/m^3	3.6E-06	(mg/m^3)	4.1E-06	$(ug/m^3)^{-1}$	1E-08	2.5E-04	(mg/m^3)	2.0E-03	(mg/m^3)	0.1
				Vinyl Chloride	5.6E-06	mg/m^3	1.8E-08	(mg/m^3)	4.4E-06	$(ug/m^3)^{-1}$	8E-11	1.3E-06	(mg/m^3)	1.0E-01	(mg/m^3)	0.00001
				Benzo(a)pyrene Equivalents	1.2E-07	mg/m^3	4.0E-10	(mg/m^3)	6.0E-04	$(ug/m^3)^{-1}$	2E-10	2.8E-08	(mg/m^3)	2.0E-06	(mg/m^3)	0.01
				Aroclor-1254	1.4E-08	mg/m^3	4.5E-11	(mg/m^3)	5.7E-04	$(ug/m^3)^{-1}$	3E-11	3.2E-09	(mg/m^3)	NA	(mg/m^3)	--
				Aroclor-1260	2.1E-06	mg/m^3	6.7E-09	(mg/m^3)	5.7E-04	$(ug/m^3)^{-1}$	4E-09	4.7E-07	(mg/m^3)	NA	(mg/m^3)	--
				Arsenic	1.6E-06	mg/m^3	5.3E-09	(mg/m^3)	4.3E-03	$(ug/m^3)^{-1}$	2E-08	3.7E-07	(mg/m^3)	1.5E-05	(mg/m^3)	0.02
				Cobalt	5.2E-06	mg/m^3	1.7E-08	(mg/m^3)	9.0E-03	$(ug/m^3)^{-1}$	2E-07	1.2E-06	(mg/m^3)	2.0E-05	(mg/m^3)	0.06
				Iron	1.4E-02	mg/m^3	4.4E-05	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	3.1E-03	(mg/m^3)	NA	(mg/m^3)	--
				Manganese	7.2E-05	mg/m^3	2.3E-07	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	1.6E-05	(mg/m^3)	5.0E-05	(mg/m^3)	0.3
				Thallium	5.1E-08	mg/m^3	1.7E-10	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	1.2E-08	(mg/m^3)	NA	(mg/m^3)	--
				Vanadium	1.4E-05	mg/m^3	4.5E-08	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	3.2E-06	(mg/m^3)	1.0E-04	(mg/m^3)	0.03
				Hexavalent Chromium	3.7E-07	mg/m^3	1.2E-09	(mg/m^3)	8.4E-02	$(ug/m^3)^{-1}$	1E-07	8.5E-08	(mg/m^3)	3.0E-04	(mg/m^3)	0.0003
			Exp. Route Total								3E-07					0.6
		Exposure Point Total									3E-07					0.6
	Exposure Medium Total										3E-07					0.6
Medium Total											5E-07					0.7
										Total of Receptor Risks Across All Media	5E-07				Total of Receptor Hazards Across All Media	0.7

Notes:
1 - Mutagenic chemicals were evaluated in accordance with USEPA's Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens (2005).

TABLE C.5-3
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS - TRANSFORMER ROOM #2 SUBAREA
REASONABLE MAXIMUM EXPOSURES
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current/Future
Receptor Population: Construction Workers
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Subsurface Soil	Subsurface Soil	Transformer Room #2	Ingestion	Benzo(a)pyrene Equivalents	0.0098	mg/kg	4.0E-10	(mg/kg/day)	1.0E+00	$(mg/kg/day)^{-1}$	4E-10	2.8E-08	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.00009
				Aroclor-1254	0.095	mg/kg	3.8E-09	(mg/kg/day)	2.0E+00	$(mg/kg/day)^{-1}$	8E-09	2.7E-07	(mg/kg/day)	2.0E-05	(mg/kg/day)	0.01
				Aroclor-1260	4.55	mg/kg	1.8E-07	(mg/kg/day)	2.0E+00	$(mg/kg/day)^{-1}$	4E-07	1.3E-05	(mg/kg/day)	NA	(mg/kg/day)	--
				Arsenic	2.89	mg/kg	7.0E-08	(mg/kg/day)	1.5E+00	$(mg/kg/day)^{-1}$	1E-07	4.9E-06	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.02
				Cobalt	8.43	mg/kg	3.4E-07	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	2.4E-05	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.08
				Vanadium	28.9	mg/kg	1.2E-06	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	8.2E-05	(mg/kg/day)	5.0E-03	(mg/kg/day)	0.02
			Exp. Route Total								5E-07					0.1
			Dermal	Benzo(a)pyrene Equivalents	0.0098	mg/kg	1.6E-10	(mg/kg/day)	1.0E+00	$(mg/kg/day)^{-1}$	2E-10	1.2E-08	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.00004
				Aroclor-1254	0.095	mg/kg	1.7E-09	(mg/kg/day)	2.0E+00	$(mg/kg/day)^{-1}$	3E-09	1.2E-07	(mg/kg/day)	2.0E-05	(mg/kg/day)	0.006
				Aroclor-1260	4.55	mg/kg	8.2E-08	(mg/kg/day)	2.0E+00	$(mg/kg/day)^{-1}$	2E-07	5.8E-06	(mg/kg/day)	NA	(mg/kg/day)	--
				Arsenic	2.89	mg/kg	1.1E-08	(mg/kg/day)	1.5E+00	$(mg/kg/day)^{-1}$	2E-08	7.9E-07	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.003
				Cobalt	8.43	mg/kg	1.1E-08	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	7.6E-07	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.003
				Vanadium	28.9	mg/kg	3.7E-08	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	2.6E-06	(mg/kg/day)	1.3E-04	(mg/kg/day)	0.02
			Exp. Route Total								2E-07					0.03
		Exposure Point Total									7E-07					0.2
	Exposure Medium Total										7E-07					0.2
	Air	Transformer Room #2	Inhalation	Benzo(a)pyrene Equivalents	6.9E-09	mg/m^3	2.2E-11	(mg/m^3)	6.0E-04	$(ug/m^3)^{-1}$	1E-11	1.6E-09	(mg/m^3)	2.0E-06	(mg/m^3)	0.0008
				Aroclor-1254	5.7E-07	mg/m^3	1.9E-09	(mg/m^3)	5.7E-04	$(ug/m^3)^{-1}$	1E-09	1.3E-07	(mg/m^3)	NA	(mg/m^3)	--
				Aroclor-1260	1.9E-05	mg/m^3	6.1E-08	(mg/m^3)	5.7E-04	$(ug/m^3)^{-1}$	3E-08	4.3E-06	(mg/m^3)	NA	(mg/m^3)	--
				Arsenic	2.0E-06	mg/m^3	6.6E-09	(mg/m^3)	4.3E-03	$(ug/m^3)^{-1}$	3E-08	4.6E-07	(mg/m^3)	1.5E-05	(mg/m^3)	0.03
				Cobalt	5.9E-06	mg/m^3	1.9E-08	(mg/m^3)	9.0E-03	$(ug/m^3)^{-1}$	2E-07	1.3E-06	(mg/m^3)	6.0E-06	(mg/m^3)	0.2
				Vanadium	2.0E-05	mg/m^3	6.6E-08	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	4.6E-06	(mg/m^3)	1.0E-04	(mg/m^3)	0.05
			Exp. Route Total								2E-07					0.3
		Exposure Point Total									2E-07					0.3
	Exposure Medium Total										2E-07					0.3
Medium Total											9E-07					0.5
										Total of Receptor Risks Across All Media	9E-07				Total of Receptor Hazards Across All Media	0.5

Notes:
1 - Mutagenic chemicals were evaluated in accordance with USEPA's Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens (2005).

TABLE C.5-4
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS - TRANSFORMER ROOM #3 SUBAREA
REASONABLE MAXIMUM EXPOSURES
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current/Future
Receptor Population: Construction Workers
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Subsurface Soil	Subsurface Soil	Transformer Room #3	Ingestion	1,2,3-Trichlorobenzene	0.71	mg/kg	2.9E-08	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	2.0E-06	(mg/kg/day)	8.0E-03	(mg/kg/day)	0.0003
				1,2,4-Trichlorobenzene	3.7	mg/kg	1.5E-07	(mg/kg/day)	2.9E-02	$(mg/kg/day)^{-1}$	4E-09	1.0E-05	(mg/kg/day)	9.0E-02	(mg/kg/day)	0.0001
				1,3-Dichlorobenzene	0.00046	mg/kg	1.9E-11	(mg/kg/day)	5.4E-03	$(mg/kg/day)^{-1}$	1E-13	1.3E-09	(mg/kg/day)	7.0E-02	(mg/kg/day)	2E-8
				Benzo(a)pyrene Equivalents	1.8	mg/kg	7.3E-08	(mg/kg/day)	1.0E+00	$(mg/kg/day)^{-1}$	7E-08	5.1E-06	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.017
				Aroclor-1260	3	mg/kg	1.2E-07	(mg/kg/day)	2.0E+00	$(mg/kg/day)^{-1}$	2E-07	8.5E-06	(mg/kg/day)	NA	(mg/kg/day)	--
				Arsenic	1.82	mg/kg	4.4E-08	(mg/kg/day)	1.5E+00	$(mg/kg/day)^{-1}$	7E-08	3.1E-06	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.01
				Cobalt	6.09	mg/kg	2.5E-07	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	1.7E-05	(mg/kg/day)	3.0E-03	(mg/kg/day)	0.006
				Iron	5570	mg/kg	2.2E-04	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	1.6E-02	(mg/kg/day)	7.0E-01	(mg/kg/day)	0.02
				Thallium	0.086	mg/kg	3.5E-09	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	2.4E-07	(mg/kg/day)	4.0E-05	(mg/kg/day)	0.006
				Vanadium	27.8	mg/kg	1.1E-06	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	7.9E-05	(mg/kg/day)	1.0E-02	(mg/kg/day)	0.008
				Hexavalent Chromium	0.659	mg/kg	2.7E-08	(mg/kg/day)	5.0E-01	$(mg/kg/day)^{-1}$	1E-08	1.9E-06	(mg/kg/day)	5.0E-03	(mg/kg/day)	0.0004
			Exp. Route Total								4E-07					0.07
			Dermal	1,2,3-Trichlorobenzene	0.71	mg/kg	2.8E-09	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	1.9E-07	(mg/kg/day)	8.0E-03	(mg/kg/day)	0.00002
				1,2,4-Trichlorobenzene	3.7	mg/kg	1.4E-08	(mg/kg/day)	2.9E-02	$(mg/kg/day)^{-1}$	4E-10	1.0E-06	(mg/kg/day)	9.0E-02	(mg/kg/day)	0.00001
				1,3-Dichlorobenzene	0.00046	mg/kg	1.8E-12	(mg/kg/day)	5.4E-03	$(mg/kg/day)^{-1}$	1E-14	1.3E-10	(mg/kg/day)	7.0E-02	(mg/kg/day)	2E-9
				Benzo(a)pyrene Equivalents	1.8	mg/kg	3.0E-08	(mg/kg/day)	1.0E+00	$(mg/kg/day)^{-1}$	3E-08	2.1E-06	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.0071
				Aroclor-1260	3	mg/kg	5.4E-08	(mg/kg/day)	2.0E+00	$(mg/kg/day)^{-1}$	1E-07	3.8E-06	(mg/kg/day)	NA	(mg/kg/day)	--
				Arsenic	1.82	mg/kg	7.1E-09	(mg/kg/day)	1.5E+00	$(mg/kg/day)^{-1}$	1E-08	4.9E-07	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.002
				Cobalt	6.09	mg/kg	7.9E-09	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	5.5E-07	(mg/kg/day)	3.0E-03	(mg/kg/day)	0.0002
				Iron	5570	mg/kg	7.2E-06	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	5.0E-04	(mg/kg/day)	7.0E-01	(mg/kg/day)	0.0007
				Thallium	0.086	mg/kg	1.1E-10	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	7.8E-09	(mg/kg/day)	4.0E-05	(mg/kg/day)	0.0002
				Vanadium	27.8	mg/kg	3.6E-08	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	2.5E-06	(mg/kg/day)	2.6E-04	(mg/kg/day)	0.010
				Hexavalent Chromium	0.659	mg/kg	8.5E-10	(mg/kg/day)	2.0E+01	$(mg/kg/day)^{-1}$	2E-08	6.0E-08	(mg/kg/day)	1.3E-04	(mg/kg/day)	0.0005
			Exp. Route Total								2E-07					0.02
		Exposure Point Total									6E-07					0.09
	Exposure Medium Total										6E-07					0.09
	Air	Transformer Room #3	Inhalation	1,2,3-Trichlorobenzene	1.0E-04	mg/m^3	3.2E-07	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	2.3E-05	(mg/m^3)	NA	(mg/m^3)	--
				1,2,4-Trichlorobenzene	5.6E-04	mg/m^3	1.8E-06	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	1.3E-04	(mg/m^3)	2.0E-02	(mg/m^3)	0.006
				1,3-Dichlorobenzene	2.1E-07	mg/m^3	6.8E-10	(mg/m^3)	1.1E-05	$(ug/m^3)^{-1}$	7E-12	4.8E-08	(mg/m^3)	8.0E-01	(mg/m^3)	6E-8
				Benzo(a)pyrene Equivalents	1.3E-06	mg/m^3	4.1E-09	(mg/m^3)	6.0E-04	$(ug/m^3)^{-1}$	2E-09	2.9E-07	(mg/m^3)	2.0E-06	(mg/m^3)	0.14
				Aroclor-1260	1.2E-05	mg/m^3	4.0E-08	(mg/m^3)	5.7E-04	$(ug/m^3)^{-1}$	2E-08	2.8E-06	(mg/m^3)	NA	(mg/m^3)	--
				Arsenic	1.3E-06	mg/m^3	4.2E-09	(mg/m^3)	4.3E-03	$(ug/m^3)^{-1}$	2E-08	2.9E-07	(mg/m^3)	1.5E-05	(mg/m^3)	0.02
				Cobalt	4.3E-06	mg/m^3	1.4E-08	(mg/m^3)	9.0E-03	$(ug/m^3)^{-1}$	1E-07	9.7E-07	(mg/m^3)	2.0E-05	(mg/m^3)	0.05
				Iron	3.9E-03	mg/m^3	1.3E-05	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	8.9E-04	(mg/m^3)	NA	(mg/m^3)	--
				Thallium	6.0E-08	mg/m^3	2.0E-10	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	1.4E-08	(mg/m^3)	NA	(mg/m^3)	--
				Vanadium	1.9E-05	mg/m^3	6.3E-08	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	4.4E-06	(mg/m^3)	1.0E-04	(mg/m^3)	0.04
				Hexavalent Chromium	4.6E-07	mg/m^3	1.5E-09	(mg/m^3)	8.4E-02	$(ug/m^3)^{-1}$	1E-07	1.1E-07	(mg/m^3)	3.0E-04	(mg/m^3)	0.0004
			Exp. Route Total								3E-07					0.3
		Exposure Point Total									3E-07					0.3
	Exposure Medium Total										3E-07					0.3
Medium Total											9E-07					0.4
										Total of Receptor Risks Across All Media	9E-07			Total of Receptor Hazards Across All Media		0.4

Notes:

1 - Mutagenic chemicals were evaluated in accordance with USEPA's Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens (2005).

TABLE C.5-5
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS - TRANSFORMER ROOM #4 SUBAREA
REASONABLE MAXIMUM EXPOSURES
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current/Future
Receptor Population: Construction Workers
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Subsurface Soil	Subsurface Soil	Transformer Room #4	Ingestion	1,2,3-Trichlorobenzene	0.129	mg/kg	5.2E-09	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	3.6E-07	(mg/kg/day)	8.0E-03	(mg/kg/day)	0.00005
				1,2,4-Trichlorobenzene	0.833	mg/kg	3.4E-08	(mg/kg/day)	2.9E-02	$(mg/kg/day)^{-1}$	1E-09	2.4E-06	(mg/kg/day)	9.0E-02	(mg/kg/day)	0.00003
				1,3-Dichlorobenzene	0.017	mg/kg	6.9E-10	(mg/kg/day)	5.4E-03	$(mg/kg/day)^{-1}$	4E-12	4.8E-08	(mg/kg/day)	7.0E-02	(mg/kg/day)	0.0000007
				1,4-Dichlorobenzene	0.025	mg/kg	1.0E-09	(mg/kg/day)	5.4E-03	$(mg/kg/day)^{-1}$	5E-12	7.1E-08	(mg/kg/day)	7.0E-02	(mg/kg/day)	0.000001
				Trichloroethene	0.0022	mg/kg	8.9E-11	(mg/kg/day)	4.6E-02	$(mg/kg/day)^{-1}$	4E-12	6.2E-09	(mg/kg/day)	5.0E-04	(mg/kg/day)	0.00001
				Benzo(a)pyrene Equivalents	0.029	mg/kg	1.2E-09	(mg/kg/day)	1.0E+00	$(mg/kg/day)^{-1}$	1E-09	8.2E-08	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.0003
				Aroclor-1242	0.02	mg/kg	8.1E-10	(mg/kg/day)	2.0E+00	$(mg/kg/day)^{-1}$	2E-09	5.7E-08	(mg/kg/day)	NA	(mg/kg/day)	--
				Aroclor-1260	2.73	mg/kg	1.1E-07	(mg/kg/day)	2.0E+00	$(mg/kg/day)^{-1}$	2E-07	7.7E-06	(mg/kg/day)	NA	(mg/kg/day)	--
				Arsenic	2.65	mg/kg	6.4E-08	(mg/kg/day)	1.5E+00	$(mg/kg/day)^{-1}$	1E-07	4.5E-06	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.01
				Cobalt	23.3	mg/kg	9.4E-07	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	6.6E-05	(mg/kg/day)	3.0E-03	(mg/kg/day)	0.02
				Iron	19200	mg/kg	7.7E-04	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	5.4E-02	(mg/kg/day)	7.0E-01	(mg/kg/day)	0.08
				Manganese	127	mg/kg	5.1E-06	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	3.6E-04	(mg/kg/day)	2.4E-02	(mg/kg/day)	0.01
				Thallium	0.153	mg/kg	6.2E-09	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	4.3E-07	(mg/kg/day)	4.0E-05	(mg/kg/day)	0.01
				Vanadium	48.7	mg/kg	2.0E-06	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	1.4E-04	(mg/kg/day)	1.0E-02	(mg/kg/day)	0.01
				Hexavalent Chromium	1.06	mg/kg	4.3E-08	(mg/kg/day)	5.0E-01	$(mg/kg/day)^{-1}$	2E-08	3.0E-06	(mg/kg/day)	5.0E-03	(mg/kg/day)	0.0006
			Exp. Route Total								3E-07					0.2
			Dermal	1,2,3-Trichlorobenzene	0.129	mg/kg	5.0E-10	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	3.5E-08	(mg/kg/day)	8.0E-03	(mg/kg/day)	0.000004
				1,2,4-Trichlorobenzene	0.833	mg/kg	3.2E-09	(mg/kg/day)	2.9E-02	$(mg/kg/day)^{-1}$	9E-11	2.3E-07	(mg/kg/day)	9.0E-02	(mg/kg/day)	0.000003
				1,3-Dichlorobenzene	0.017	mg/kg	6.6E-11	(mg/kg/day)	5.4E-03	$(mg/kg/day)^{-1}$	4E-13	4.6E-09	(mg/kg/day)	7.0E-02	(mg/kg/day)	7E-8
				1,4-Dichlorobenzene	0.025	mg/kg	9.7E-11	(mg/kg/day)	5.4E-03	$(mg/kg/day)^{-1}$	5E-13	6.8E-09	(mg/kg/day)	7.0E-02	(mg/kg/day)	1E-7
				Trichloroethene	0.0022	mg/kg	8.5E-12	(mg/kg/day)	4.6E-02	$(mg/kg/day)^{-1}$	4E-13	6.0E-10	(mg/kg/day)	5.0E-04	(mg/kg/day)	0.000001
				Benzo(a)pyrene Equivalents	0.029	mg/kg	4.9E-10	(mg/kg/day)	1.0E+00	$(mg/kg/day)^{-1}$	5E-10	3.4E-08	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.0001
				Aroclor-1242	0.02	mg/kg	3.6E-10	(mg/kg/day)	2.0E+00	$(mg/kg/day)^{-1}$	7E-10	2.5E-08	(mg/kg/day)	NA	(mg/kg/day)	--
				Aroclor-1260	2.73	mg/kg	4.9E-08	(mg/kg/day)	2.0E+00	$(mg/kg/day)^{-1}$	1E-07	3.5E-06	(mg/kg/day)	NA	(mg/kg/day)	--
				Arsenic	2.65	mg/kg	1.0E-08	(mg/kg/day)	1.5E+00	$(mg/kg/day)^{-1}$	2E-08	7.2E-07	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.002
				Cobalt	23.3	mg/kg	3.0E-08	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	2.1E-06	(mg/kg/day)	3.0E-03	(mg/kg/day)	0.0007
				Iron	19200	mg/kg	2.5E-05	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	1.7E-03	(mg/kg/day)	7.0E-01	(mg/kg/day)	0.002
				Manganese	127	mg/kg	1.6E-07	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	1.2E-05	(mg/kg/day)	9.6E-04	(mg/kg/day)	0.01
				Thallium	0.153	mg/kg	2.0E-10	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	1.4E-08	(mg/kg/day)	4.0E-05	(mg/kg/day)	0.0003
				Vanadium	48.7	mg/kg	6.3E-08	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	4.4E-06	(mg/kg/day)	2.6E-04	(mg/kg/day)	0.02
				Hexavalent Chromium	1.06	mg/kg	1.4E-09	(mg/kg/day)	2.0E+01	$(mg/kg/day)^{-1}$	3E-08	9.6E-08	(mg/kg/day)	1.3E-04	(mg/kg/day)	0.0008
			Exp. Route Total								1E-07					0.04
		Exposure Point Total									5E-07					0.2
	Exposure Medium Total										5E-07					0.2
	Air	Transformer Room #4	Inhalation	1,2,3-Trichlorobenzene	1.8E-05	mg/m^3	5.9E-08	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	4.1E-06	(mg/m^3)	NA	(mg/m^3)	--
				1,2,4-Trichlorobenzene	1.3E-04	mg/m^3	4.1E-07	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	2.9E-05	(mg/m^3)	2.0E-02	(mg/m^3)	0.001
				1,3-Dichlorobenzene	7.7E-06	mg/m^3	2.5E-08	(mg/m^3)	1.1E-05	$(ug/m^3)^{-1}$	3E-10	1.8E-06	(mg/m^3)	8.0E-01	(mg/m^3)	0.000002
				1,4-Dichlorobenzene	1.1E-05	mg/m^3	3.5E-08	(mg/m^3)	1.1E-05	$(ug/m^3)^{-1}$	4E-10	2.5E-06	(mg/m^3)	1.2E+00	(mg/m^3)	0.000002
				Trichloroethene	4.5E-06	mg/m^3	1.5E-08	(mg/m^3)	4.1E-06	$(ug/m^3)^{-1}$	6E-11	1.0E-06	(mg/m^3)	2.0E-03	(mg/m^3)	0.0005
				Benzo(a)pyrene Equivalents	2.0E-08	mg/m^3	6.6E-11	(mg/m^3)	6.0E-04	$(ug/m^3)^{-1}$	4E-11	4.6E-09	(mg/m^3)	2.0E-06	(mg/m^3)	0.002
				Aroclor-1242	1.7E-07	mg/m^3	5.4E-10	(mg/m^3)	5.7E-04	$(ug/m^3)^{-1}$	3E-10	3.8E-08	(mg/m^3)	NA	(mg/m^3)	--
				Aroclor-1260	1.1E-05	mg/m^3	3.7E-08	(mg/m^3)	5.7E-04	$(ug/m^3)^{-1}$	2E-08	2.6E-06	(mg/m^3)	NA	(mg/m^3)	--
				Arsenic	1.9E-06	mg/m^3	6.0E-09	(mg/m^3)	4.3E-03	$(ug/m^3)^{-1}$	3E-08	4.2E-07	(mg/m^3)	1.5E-05	(mg/m^3)	0.03
				Cobalt	1.6E-05	mg/m^3	5.3E-08	(mg/m^3)	9.0E-03	$(ug/m^3)^{-1}$	5E-07	3.7E-06	(mg/m^3)	2.0E-05	(mg/m^3)	0.2
				Iron	1.3E-02	mg/m^3	4.4E-05	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	3.1E-03	(mg/m^3)	NA	(mg/m^3)	--
				Manganese	8.9E-05	mg/m^3	2.9E-07	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	2.0E-05	(mg/m^3)	5.0E-05	(mg/m^3)	0.4
				Thallium	1.1E-07	mg/m^3	3.5E-10	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	2.4E-08	(mg/m^3)	NA	(mg/m^3)	--
				Vanadium	3.4E-05	mg/m^3	1.1E-07	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	7.8E-06	(mg/m^3)	1.0E-04	(mg/m^3)	0.08
				Hexavalent Chromium	7.4E-07	mg/m^3	2.4E-09	(mg/m^3)	8.4E-02	$(ug/m^3)^{-1}$	2E-07	1.7E-07	(mg/m^3)	3.0E-04	(mg/m^3)	0.0006
			Exp. Route Total								7E-07					0.7
		Exposure Point Total									7E-07					0.7
	Exposure Medium Total										7E-07					0.7
Medium Total											1E-06					0.9
										Total of Receptor Risks Across All Media	1E-06				Total of Receptor Hazards Across All Media	0.9

Notes:

1 - Mutagenic chemicals were evaluated in accordance with USEPA's Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens (2005).

TABLE C.5-6
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS - SOUTHEAST SUBAREA
REASONABLE MAXIMUM EXPOSURES
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current/Future
Receptor Population: Construction Workers
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Subsurface Soil	Subsurface Soil	Southeast Subarea	Ingestion	1,2,3-Trichlorobenzene	14	mg/kg	5.7E-07	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	4.0E-05	(mg/kg/day)	8.0E-03	(mg/kg/day)	0.005
				1,2,4-Trichlorobenzene	69	mg/kg	2.8E-06	(mg/kg/day)	2.9E-02	$(mg/kg/day)^{-1}$	8E-08	1.9E-04	(mg/kg/day)	9.0E-02	(mg/kg/day)	0.002
				1,2-Dichlorobenzene	0.61	mg/kg	2.5E-08	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	1.7E-06	(mg/kg/day)	6.0E-01	(mg/kg/day)	0.000003
				1,3-Dichlorobenzene	0.473	mg/kg	1.9E-08	(mg/kg/day)	5.4E-03	$(mg/kg/day)^{-1}$	1E-10	1.3E-06	(mg/kg/day)	7.0E-02	(mg/kg/day)	0.00002
				1,4-Dichlorobenzene	0.522	mg/kg	2.1E-08	(mg/kg/day)	5.4E-03	$(mg/kg/day)^{-1}$	1E-10	1.5E-06	(mg/kg/day)	7.0E-02	(mg/kg/day)	0.00002
				Trichloroethene	2.48	mg/kg	1.0E-07	(mg/kg/day)	4.6E-02	$(mg/kg/day)^{-1}$	5E-09	7.0E-06	(mg/kg/day)	5.0E-04	(mg/kg/day)	0.01
				Vinyl Chloride	0.004	mg/kg	1.6E-10	(mg/kg/day)	7.2E-01	$(mg/kg/day)^{-1}$	1E-10	1.1E-08	(mg/kg/day)	3.0E-03	(mg/kg/day)	0.000004
				Benzo(a)pyrene Equivalents	1.17	mg/kg	4.7E-08	(mg/kg/day)	1.0E+00	$(mg/kg/day)^{-1}$	5E-08	3.3E-06	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.01
				Aroclor-1242	4	mg/kg	1.6E-07	(mg/kg/day)	2.0E+00	$(mg/kg/day)^{-1}$	3E-07	1.1E-05	(mg/kg/day)	NA	(mg/kg/day)	--
				Aroclor-1254	1.97	mg/kg	8.0E-08	(mg/kg/day)	2.0E+00	$(mg/kg/day)^{-1}$	2E-07	5.6E-06	(mg/kg/day)	3.0E-05	(mg/kg/day)	0.2
				Aroclor-1260	0.616	mg/kg	2.5E-08	(mg/kg/day)	2.0E+00	$(mg/kg/day)^{-1}$	5E-08	1.7E-06	(mg/kg/day)	NA	(mg/kg/day)	--
				Arsenic	2.69	mg/kg	6.5E-08	(mg/kg/day)	1.5E+00	$(mg/kg/day)^{-1}$	1E-07	4.6E-06	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.02
				Cobalt	4.25	mg/kg	1.7E-07	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	1.2E-05	(mg/kg/day)	3.0E-03	(mg/kg/day)	0.004
				Iron	20300	mg/kg	8.2E-04	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	5.7E-02	(mg/kg/day)	7.0E-01	(mg/kg/day)	0.08
				Manganese	49.5	mg/kg	2.0E-06	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	1.4E-04	(mg/kg/day)	2.4E-02	(mg/kg/day)	0.006
				Vanadium	22.1	mg/kg	8.9E-07	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	6.2E-05	(mg/kg/day)	1.0E-02	(mg/kg/day)	0.006
				Hexavalent Chromium	0.582	mg/kg	2.3E-08	(mg/kg/day)	5.0E-01	$(mg/kg/day)^{-1}$	1E-08	1.6E-06	(mg/kg/day)	5.0E-03	(mg/kg/day)	0.0003
			Exp. Route Total								8E-07					0.3
			Dermal	1,2,3-Trichlorobenzene	14	mg/kg	5.4E-08	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	3.8E-06	(mg/kg/day)	8.0E-03	(mg/kg/day)	0.0005
				1,2,4-Trichlorobenzene	69	mg/kg	2.7E-07	(mg/kg/day)	2.9E-02	$(mg/kg/day)^{-1}$	8E-09	1.9E-05	(mg/kg/day)	9.0E-02	(mg/kg/day)	0.0002
				1,2-Dichlorobenzene	0.61	mg/kg	2.4E-09	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	1.7E-07	(mg/kg/day)	6.0E-01	(mg/kg/day)	0.0000003
				1,3-Dichlorobenzene	0.473	mg/kg	1.8E-09	(mg/kg/day)	5.4E-03	$(mg/kg/day)^{-1}$	1E-11	1.3E-07	(mg/kg/day)	7.0E-02	(mg/kg/day)	0.000002
				1,4-Dichlorobenzene	0.522	mg/kg	2.0E-09	(mg/kg/day)	5.4E-03	$(mg/kg/day)^{-1}$	1E-11	1.4E-07	(mg/kg/day)	7.0E-02	(mg/kg/day)	0.000002
				Trichloroethene	2.48	mg/kg	9.6E-09	(mg/kg/day)	4.6E-02	$(mg/kg/day)^{-1}$	4E-10	6.7E-07	(mg/kg/day)	5.0E-04	(mg/kg/day)	0.001
				Vinyl Chloride	0.004	mg/kg	1.6E-11	(mg/kg/day)	7.2E-01	$(mg/kg/day)^{-1}$	1E-11	1.1E-09	(mg/kg/day)	3.0E-03	(mg/kg/day)	0.0000004
				Benzo(a)pyrene Equivalents	1.17	mg/kg	2.0E-08	(mg/kg/day)	1.0E+00	$(mg/kg/day)^{-1}$	2E-08	1.4E-06	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.005
				Aroclor-1242	4	mg/kg	7.2E-08	(mg/kg/day)	2.0E+00	$(mg/kg/day)^{-1}$	1E-07	5.1E-06	(mg/kg/day)	NA	(mg/kg/day)	--
				Aroclor-1254	1.97	mg/kg	3.6E-08	(mg/kg/day)	2.0E+00	$(mg/kg/day)^{-1}$	7E-08	2.5E-06	(mg/kg/day)	3.0E-05	(mg/kg/day)	0.08
				Aroclor-1260	0.616	mg/kg	1.1E-08	(mg/kg/day)	2.0E+00	$(mg/kg/day)^{-1}$	2E-08	7.8E-07	(mg/kg/day)	NA	(mg/kg/day)	--
				Arsenic	2.69	mg/kg	1.0E-08	(mg/kg/day)	1.5E+00	$(mg/kg/day)^{-1}$	2E-08	7.3E-07	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.002
				Cobalt	4.25	mg/kg	5.5E-09	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	3.9E-07	(mg/kg/day)	3.0E-03	(mg/kg/day)	0.0001
				Iron	20300	mg/kg	2.6E-05	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	1.8E-03	(mg/kg/day)	7.0E-01	(mg/kg/day)	0.003
				Manganese	49.5	mg/kg	6.4E-08	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	4.5E-06	(mg/kg/day)	9.6E-04	(mg/kg/day)	0.005
				Vanadium	22.1	mg/kg	2.9E-08	(mg/kg/day)	NA	$(mg/kg/day)^{-1}$	- -	2.0E-06	(mg/kg/day)	2.6E-04	(mg/kg/day)	0.008
				Hexavalent Chromium	0.582	mg/kg	7.5E-10	(mg/kg/day)	2.0E+01	$(mg/kg/day)^{-1}$	2E-08	5.3E-08	(mg/kg/day)	1.3E-04	(mg/kg/day)	0.0004
			Exp. Route Total								3E-07					0.1
		Exposure Point Total									1E-06					0.4
	Exposure Medium Total										1E-06					0.4
	Air	Southeast Subarea	Inhalation	1,2,3-Trichlorobenzene	2.0E-03	mg/m^3	6.4E-06	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	4.5E-04	(mg/m^3)	NA	(mg/m^3)	--
				1,2,4-Trichlorobenzene	1.0E-02	mg/m^3	3.4E-05	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	2.4E-03	(mg/m^3)	2.0E-02	(mg/m^3)	0.1
				1,2-Dichlorobenzene	2.4E-04	mg/m^3	7.7E-07	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	5.4E-05	(mg/m^3)	2.0E+00	(mg/m^3)	0.00003
				1,3-Dichlorobenzene	2.1E-04	mg/m^3	7.0E-07	(mg/m^3)	1.1E-05	$(ug/m^3)^{-1}$	8E-09	4.9E-05	(mg/m^3)	8.0E-01	(mg/m^3)	0.00006
				1,4-Dichlorobenzene	2.3E-04	mg/m^3	7.3E-07	(mg/m^3)	1.1E-05	$(ug/m^3)^{-1}$	8E-09	5.1E-05	(mg/m^3)	1.2E+00	(mg/m^3)	0.00004
				Trichloroethene	5.0E-03	mg/m^3	1.6E-05	(mg/m^3)	4.1E-06	$(ug/m^3)^{-1}$	7E-08	1.2E-03	(mg/m^3)	2.0E-03	(mg/m^3)	0.6
				Vinyl Chloride	1.9E-05	mg/m^3	6.1E-08	(mg/m^3)	4.4E-06	$(ug/m^3)^{-1}$	3E-10	4.3E-06	(mg/m^3)	1.0E-01	(mg/m^3)	0.00004
				Benzo(a)pyrene Equivalents	8.2E-07	mg/m^3	2.7E-09	(mg/m^3)	6.0E-04	$(ug/m^3)^{-1}$	2E-09	1.9E-07	(mg/m^3)	2.0E-06	(mg/m^3)	0.09
				Aroclor-1242	3.3E-05	mg/m^3	1.1E-07	(mg/m^3)	5.7E-04	$(ug/m^3)^{-1}$	6E-08	7.6E-06	(mg/m^3)	NA	(mg/m^3)	--
				Aroclor-1254	1.2E-05	mg/m^3	3.9E-08	(mg/m^3)	5.7E-04	$(ug/m^3)^{-1}$	2E-08	2.7E-06	(mg/m^3)	NA	(mg/m^3)	--
				Aroclor-1260	2.5E-06	mg/m^3	8.3E-09	(mg/m^3)	5.7E-04	$(ug/m^3)^{-1}$	5E-09	5.8E-07	(mg/m^3)	NA	(mg/m^3)	--
				Arsenic	1.9E-06	mg/m^3	6.1E-09	(mg/m^3)	4.3E-03	$(ug/m^3)^{-1}$	3E-08	4.3E-07	(mg/m^3)	1.5E-05	(mg/m^3)	0.03
				Cobalt	3.0E-06	mg/m^3	9.7E-09	(mg/m^3)	9.0E-03	$(ug/m^3)^{-1}$	9E-08	6.8E-07	(mg/m^3)	2.0E-05	(mg/m^3)	0.03
				Iron	1.4E-02	mg/m^3	4.6E-05	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	3.2E-03	(mg/m^3)	NA	(mg/m^3)	--
				Manganese	3.5E-05	mg/m^3	1.1E-07	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	7.9E-06	(mg/m^3)	5.0E-05	(mg/m^3)	0.2
				Vanadium	1.5E-05	mg/m^3	5.0E-08	(mg/m^3)	NA	$(ug/m^3)^{-1}$	- -	3.5E-06	(mg/m^3)	1.0E-04	(mg/m^3)	0.04
				Hexavalent Chromium	4.1E-07	mg/m^3	1.3E-09	(mg/m^3)	8.4E-02	$(ug/m^3)^{-1}$	1E-07	9.3E-08	(mg/m^3)	3.0E-04	(mg/m^3)	0.0003
			Exp. Route Total								4E-07					1
		Exposure Point Total									4E-07					1
	Exposure Medium Total										4E-07					1
Medium Total											1E-06					1
										Total of Receptor Risks Across All Media	1E-06				Total of Receptor Hazards Across All Media	1

Notes:

1 - Mutagenic chemicals were evaluated in accordance with USEPA's Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens (2005).

Summary of Receptor Risks and Hazards for COPCs

TABLE C.6-1
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs - SURFACE SOIL
REASONABLE MAXIMUM EXPOSURES
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Future
Receptor Population: Industrial Workers
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk					Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	External (Radiation)	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Surface Soil	1,2,3-Trichlorobenzene	- -	--	- -	--	- -	Hepatic, Body Weight	0.00001	--	0.000002	0.00002
			1,2,4-Trichlorobenzene	1E-09	--	1E-10	--	1E-09	Adrenal	0.00001	--	0.000001	0.00001
			1,4-Dichlorobenzene	3E-12	--	4E-13	--	4E-12	Hepatic	2E-8	--	3E-9	3E-8
			Ethylbenzene	4E-09	--	5E-10	--	5E-09	Hepatic, Urinary	0.00001	--	0.000001	0.00001
			Total Xylenes	- -	--	- -	--	- -	Body Weight	0.00007	--	0.000009	0.00008
			Trichloroethene	5E-09	--	7E-10	--	6E-09	Immune, Developmental	0.0006	--	0.00008	0.0007
			Benzo(a)pyrene Equivalents	4E-07	--	2E-07	--	6E-07	Developmental, Immune, Reporductive	0.004	--	0.002	0.006
			Naphthalene	- -	--	- -	--	- -	Body Weight	0.00001	--	0.000006	0.00002
			Aroclor-1242	6E-09	--	4E-09	--	1E-08	NA	--	--	--	--
			Aroclor-1254	1E-07	--	7E-08	--	2E-07	Immune	0.008	--	0.005	0.01
			Aroclor-1260	9E-07	--	5E-07	--	1E-06	NA	--	--	--	--
			Antimony	- -	--	- -	--	- -	Hematologic	0.001	--	0.0004	0.002
			Arsenic	5E-07	--	1E-07	--	6E-07	Dermal, CVS	0.003	--	0.0007	0.004
			Cobalt	- -	--	- -	--	- -	Thyroid	0.03	--	0.001	0.03
			Iron	- -	--	- -	--	- -	GS	0.02	--	0.0009	0.02
			Manganese	- -	--	- -	--	- -	Nervous	0.010	--	0.01	0.02
			Mercury	- -	--	- -	--	- -	Nervous	--	--	--	--
			Thallium	- -	--	- -	--	- -	Dermal	0.009	--	0.0004	0.010
			Vanadium	- -	--	- -	--	- -	Urinary	0.003	--	0.006	0.009
			Hexavalent Chromium	1E-07	--	2E-07	--	3E-07	None Specified	0.0002	--	0.0003	0.0005
			Chemical Total	2E-06	--	1E-06	--	3E-06		0.09	--	0.03	0.1
		Exposure Point Total						3E-06					0.1
	Exposure Medium Total							3E-06					0.1
	Air	Surface Soil	1,2,3-Trichlorobenzene	--	- -	--	--	- -	NA	--	--	--	--
			1,2,4-Trichlorobenzene	--	- -	--	--	- -	Urinary	--	0.0004	--	0.0004
			1,4-Dichlorobenzene	--	2E-10	--	--	2E-10	Hepatic	--	5E-8	--	5E-8
			Ethylbenzene	--	4E-08	--	--	4E-08	Developmental	--	0.00005	--	0.00005
			Total Xylenes	--	- -	--	--	- -	Nervous	--	0.006	--	0.006
			Trichloroethene	--	6E-08	--	--	6E-08	Hepatic, Urinary	--	0.02	--	0.02
			Benzo(a)pyrene Equivalents	--	2E-11	--	--	2E-11	Developmental, Immune, Reporductive	--	0.00005	--	0.00005
			Naphthalene	--	1E-08	--	--	1E-08	Respiratory	--	0.0004	--	0.0004
			Aroclor-1242	--	8E-10	--	--	8E-10	NA	--	--	--	--
			Aroclor-1254	--	1E-08	--	--	1E-08	NA	--	--	--	--
			Aroclor-1260	--	5E-08	--	--	5E-08	NA	--	--	--	--
			Antimony	--	- -	--	--	- -	Hematologic	--	--	--	--
			Arsenic	--	2E-10	--	--	2E-10	NA	--	0.000009	--	0.000009
			Cobalt	--	3E-09	--	--	3E-09	Respiratory	--	0.0001	--	0.0001
			Iron	--	- -	--	--	- -	NA	--	--	--	--
			Manganese	--	- -	--	--	- -	Nervous	--	0.0004	--	0.0004
			Mercury	--	- -	--	--	- -	Nervous	--	0.007	--	0.007
			Thallium	--	- -	--	--	- -	NA	--	--	--	--
			Vanadium	--	- -	--	--	- -	NA	--	0.00001	--	0.00001
			Hexavalent Chromium	--	1E-09	--	--	1E-09	Respiratory	--	0.0000005	--	0.0000005
			Chemical Total	--	2E-07	--	--	2E-07		- -	0.03	- -	0.03
		Exposure Point Total						2E-07					0.03
	Exposure Medium Total							2E-07					0.03
Medium Total								3E-06					0.2
Receptor Total							Receptor Risk Total	3E-06				Receptor HI Total	0.2

Notes:
1 - Mutagenic chemicals were evaluated in accordance with USEPA's Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens (2005).

TABLE C.6-2
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs - SUBSURFACE SOIL EXCLUDING FOUR SUBAREAS
REASONABLE MAXIMUM EXPOSURES
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current/Future
Receptor Population: Construction Workers
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk					Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	External (Radiation)	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Subsurface Soil	Subsurface Soil	Subsurface Soils Excluding 4 Subareas	1,2,3-Trichlorobenzene	- -	--	- -	--	- -	Hepatic, Body Weight	0.00002	--	0.000002	0.00002
			1,2,4-Trichlorobenzene	3E-10	--	3E-11	--	3E-10	Hepatic	0.000007	--	0.0000007	0.000008
			1,2-Dichlorobenzene	- -	--	- -	--	- -	Hepatic	0.0000003	--	3E-8	0.0000003
			1,3-Dichlorobenzene	4E-12	--	4E-13	--	4E-12	Hepatic	0.0000007	--	7E-8	0.0000008
			1,4-Dichlorobenzene	3E-12	--	3E-13	--	3E-12	Hepatic	0.0000005	--	5E-8	0.0000006
			Trichloroethene	1E-09	--	1E-10	--	1E-09	Hepatic, Urinary	0.003	--	0.0003	0.003
			Vinyl Chloride	3E-11	--	3E-12	--	4E-11	Hepatic	0.000001	--	0.0000001	0.000001
			Benzo(a)pyrene Equivalents	7E-09	--	3E-09	--	1E-08	Developmental, Immune, Reporductive	0.002	--	0.0007	0.002
			Aroclor-1254	2E-10	--	8E-11	--	3E-10	Nervous	0.0002	--	0.00010	0.0003
			Aroclor-1260	4E-08	--	2E-08	--	6E-08	NA	--	--	--	--
			Arsenic	8E-08	--	1E-08	--	1E-07	Dermal, CVS	0.01	--	0.002	0.02
			Cobalt	- -	--	- -	--	- -	Thyroid	0.007	--	0.0002	0.007
			Iron	- -	--	- -	--	- -	GS	0.08	--	0.003	0.08
			Manganese	- -	--	- -	--	- -	Nervous	0.01	--	0.010	0.02
			Thallium	- -	--	- -	--	- -	Dermal	0.005	--	0.0002	0.005
			Vanadium	- -	--	- -	--	- -	Hematologic	0.006	--	0.007	0.01
			Hexavalent Chromium	1E-08	--	1E-08	--	2E-08	None Specified	0.0003	--	0.0004	0.0007
			Chemical Total	1E-07	--	5E-08	--	2E-07		0.1	--	0.02	0.1
		Exposure Point Total						2E-07					0.1
	Exposure Medium Total							2E-07					0.1
	Air	Subsurface Soils Excluding 4 Subareas	1,2,3-Trichlorobenzene	--	- -	--	--	- -	NA	--	--	--	--
			1,2,4-Trichlorobenzene	--	- -	--	--	- -	Urinary	--	0.0004	--	0.0004
			1,2-Dichlorobenzene	--	- -	--	--	- -	Body Weight	--	0.000003	--	0.000003
			1,3-Dichlorobenzene	--	3E-10	--	--	3E-10	Hepatic	--	0.000002	--	0.000002
			1,4-Dichlorobenzene	--	2E-10	--	--	2E-10	Hepatic	--	0.000001	--	0.000001
			Trichloroethene	--	1E-08	--	--	1E-08	Hepatic, Urinary	--	0.1	--	0.1
			Vinyl Chloride	--	8E-11	--	--	8E-11	Hepatic	--	0.00001	--	0.00001
			Benzo(a)pyrene Equivalents	--	2E-10	--	--	2E-10	Developmental, Immune, Reporductive	--	0.01	--	0.01
			Aroclor-1254	--	3E-11	--	--	3E-11	NA	--	--	--	--
			Aroclor-1260	--	4E-09	--	--	4E-09	NA	--	--	--	--
			Arsenic	--	2E-08	--	--	2E-08	NA	--	0.02	--	0.02
			Cobalt	--	2E-07	--	--	2E-07	Respiratory	--	0.06	--	0.06
			Iron	--	- -	--	--	- -	NA	--	--	--	--
			Manganese	--	- -	--	--	- -	Nervous	--	0.3	--	0.3
			Thallium	--	- -	--	--	- -	NA	--	--	--	--
			Vanadium	--	- -	--	--	- -	NA	--	0.03	--	0.03
			Hexavalent Chromium	--	1E-07	--	--	1E-07	Respiratory	--	0.0003	--	0.0003
			Chemical Total	--	3E-07	--	--	3E-07		- -	0.6	- -	0.6
		Exposure Point Total						3E-07					0.6
	Exposure Medium Total							3E-07					0.6
Medium Total								5E-07					0.7
Receptor Total							Receptor Risk Total	5E-07				Receptor HI Total	0.7

Notes:
1 - Mutagenic chemicals were evaluated in accordance with USEPA's Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens (2005).

TABLE C.6-3
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs - TRANSFORMER ROOM #2 SUBAREA
REASONABLE MAXIMUM EXPOSURES
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current/Future
Receptor Population: Construction Workers
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk					Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	External (Radiation)	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Subsurface Soil	Subsurface Soil	Transformer Room #2	Benzo(a)pyrene Equivalents	4E-10	--	2E-10	--	6E-10	Developmental, Immune, Reporductive	0.00009	--	0.00004	0.0001
			Aroclor-1254	8E-09	--	3E-09	--	1E-08	Immune	0.01	--	0.006	0.02
			Aroclor-1260	4E-07	--	2E-07	--	5E-07	NA	--	--	--	--
			Arsenic	1E-07	--	2E-08	--	1E-07	Dermal, CVS	0.02	--	0.003	0.02
			Cobalt	- -	--	- -	--	- -	Thyroid	0.08	--	0.003	0.08
			Vanadium	- -	--	- -	--	- -	Urinary	0.02	--	0.02	0.04
			Chemical Total	5E-07	--	2E-07	--	7E-07		0.1	--	0.03	0.2
		Exposure Point Total						7E-07					0.2
	Exposure Medium Total							7E-07					0.2
	Air	Transformer Room #2	Benzo(a)pyrene Equivalents	--	1E-11	--	--	1E-11	Developmental, Immune, Reporductive	--	0.0008	--	0.0008
			Aroclor-1254	--	1E-09	--	--	1E-09	NA	--	--	--	--
			Aroclor-1260	--	3E-08	--	--	3E-08	NA	--	--	--	--
			Arsenic	--	3E-08	--	--	3E-08	NA	--	0.03	--	0.03
			Cobalt	--	2E-07	--	--	2E-07	Respiratory	--	0.2	--	0.2
			Vanadium	--	- -	--	--	- -	NA	--	0.05	--	0.05
			Chemical Total	--	2E-07	--	--	2E-07		- -	0.3	- -	0.3
		Exposure Point Total						2E-07					0.3
	Exposure Medium Total							2E-07					0.3
Medium Total								9E-07					0.5
Receptor Total							Receptor Risk Total	9E-07				Receptor HI Total	0.5

Notes:
1 - Mutagenic chemicals were evaluated in accordance with USEPA's Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens (2005).

TABLE C.6-4
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs - TRANSFORMER ROOM #3 SUBAREA
REASONABLE MAXIMUM EXPOSURES
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current/Future
Receptor Population: Construction Workers
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk					Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	External (Radiation)	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Subsurface Soil	Subsurface Soil	Transformer Room #3	1,2,3-Trichlorobenzene	- -	--	- -	--	- -	Hepatic, Body Weight	0.0003	--	0.00002	0.0003
			1,2,4-Trichlorobenzene	4E-09	--	4E-10	--	5E-09	Hepatic	0.0001	--	0.00001	0.0001
			1,3-Dichlorobenzene	1E-13	--	1E-14	--	1E-13	Hepatic	2E-8	--	2E-9	2E-8
			Benzo(a)pyrene Equivalents	7E-08	--	3E-08	--	1E-07	Developmental, Immune, Reporductive	0.017	--	0.0071	0.024
			Aroclor-1260	2E-07	--	1E-07	--	4E-07	NA	--	--	--	--
			Arsenic	7E-08	--	1E-08	--	8E-08	Dermal, CVS	0.01	--	0.002	0.01
			Cobalt	- -	--	- -	--	- -	Thyroid	0.006	--	0.0002	0.006
			Iron	- -	--	- -	--	- -	GS	0.02	--	0.0007	0.02
			Thallium	- -	--	- -	--	- -	Dermal	0.006	--	0.0002	0.006
			Vanadium	- -	--	- -	--	- -	Hematologic	0.008	--	0.010	0.02
			Hexavalent Chromium	1E-08	--	2E-08	--	3E-08	None Specified	0.0004	--	0.0005	0.0008
			Chemical Total	4E-07	--	2E-07	--	6E-07		0.07	--	0.02	0.09
		Exposure Point Total						6E-07					0.09
	Exposure Medium Total							6E-07					0.09
	Air	Transformer Room #3	1,2,3-Trichlorobenzene	--	- -	--	--	- -	NA	--	--	--	--
			1,2,4-Trichlorobenzene	--	- -	--	--	- -	Urinary	--	0.006	--	0.006
			1,3-Dichlorobenzene	--	7E-12	--	--	7E-12	Hepatic	--	6E-8	--	6E-8
			Benzo(a)pyrene Equivalents	--	2E-09	--	--	2E-09	Developmental, Immune, Reporductive	--	0.14	--	0.14
			Aroclor-1260	--	2E-08	--	--	2E-08	NA	--	--	--	--
			Arsenic	--	2E-08	--	--	2E-08	NA	--	0.02	--	0.02
			Cobalt	--	1E-07	--	--	1E-07	Respiratory	--	0.05	--	0.05
			Iron	--	- -	--	--	- -	NA	--	--	--	--
			Thallium	--	- -	--	--	- -	NA	--	--	--	--
			Vanadium	--	- -	--	--	- -	NA	--	0.04	--	0.04
			Hexavalent Chromium	--	1E-07	--	--	1E-07	Respiratory	--	0.0004	--	0.0004
			Chemical Total	--	3E-07	--	--	3E-07		- -	0.3	- -	0.3
		Exposure Point Total						3E-07					0.3
	Exposure Medium Total							3E-07					0.3
Medium Total								9E-07					0.4
Receptor Total							Receptor Risk Total	9E-07				Receptor HI Total	0.4

Notes:
1 - Mutagenic chemicals were evaluated in accordance with USEPA's Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens (2005).

TABLE C.6-5
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs - TRANSFORMER ROOM #4 SUBAREA
REASONABLE MAXIMUM EXPOSURES
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current/Future
Receptor Population: Construction Workers
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk					Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	External (Radiation)	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Subsurface Soil	Subsurface Soil	Transformer Room #4	1,2,3-Trichlorobenzene	- -	--	- -	--	- -	Hepatic, Body Weight	0.00005	--	0.000004	0.00005
			1,2,4-Trichlorobenzene	1E-09	--	9E-11	--	1E-09	Hepatic	0.00003	--	0.000003	0.00003
			1,3-Dichlorobenzene	4E-12	--	4E-13	--	4E-12	Hepatic	0.0000007	--	7E-8	0.0000008
			1,4-Dichlorobenzene	5E-12	--	5E-13	--	6E-12	Hepatic	0.000001	--	1E-7	0.000001
			Trichloroethene	4E-12	--	4E-13	--	4E-12	Hepatic, Urinary	0.00001	--	0.000001	0.00001
			Benzo(a)pyrene Equivalents	1E-09	--	5E-10	--	2E-09	Developmental, Immune, Reporductive	0.0003	--	0.0001	0.0004
			Aroclor-1242	2E-09	--	7E-10	--	2E-09	NA	--	--	--	--
			Aroclor-1260	2E-07	--	1E-07	--	3E-07	NA	--	--	--	--
			Arsenic	1E-07	--	2E-08	--	1E-07	Dermal, CVS	0.01	--	0.002	0.02
			Cobalt	- -	--	- -	--	- -	Thyroid	0.02	--	0.0007	0.02
			Iron	- -	--	- -	--	- -	GS	0.08	--	0.002	0.08
			Manganese	- -	--	- -	--	- -	Nervous	0.01	--	0.01	0.03
			Thallium	- -	--	- -	--	- -	Dermal	0.01	--	0.0003	0.01
			Vanadium	- -	--	- -	--	- -	Hematologic	0.01	--	0.02	0.03
			Hexavalent Chromium	2E-08	--	3E-08	--	5E-08	None Specified	0.0006	--	0.0008	0.001
			Chemical Total	3E-07	--	1E-07	--	5E-07		0.2	--	0.04	0.2
		Exposure Point Total						5E-07					0.2
	Exposure Medium Total							5E-07					0.2
	Air	Transformer Room #4	1,2,3-Trichlorobenzene	--	- -	--	--	- -	NA	--	--	--	--
			1,2,4-Trichlorobenzene	--	- -	--	--	- -	Urinary	--	0.001	--	0.001
			1,3-Dichlorobenzene	--	3E-10	--	--	3E-10	Hepatic	--	0.000002	--	0.000002
			1,4-Dichlorobenzene	--	4E-10	--	--	4E-10	Hepatic	--	0.000002	--	0.000002
			Trichloroethene	--	6E-11	--	--	6E-11	Hepatic, Urinary	--	0.0005	--	0.0005
			Benzo(a)pyrene Equivalents	--	4E-11	--	--	4E-11	Developmental, Immune, Reporductive	--	0.002	--	0.002
			Aroclor-1242	--	3E-10	--	--	3E-10	NA	--	--	--	--
			Aroclor-1260	--	2E-08	--	--	2E-08	NA	--	--	--	--
			Arsenic	--	3E-08	--	--	3E-08	NA	--	0.03	--	0.03
			Cobalt	--	5E-07	--	--	5E-07	Respiratory	--	0.2	--	0.2
			Iron	--	- -	--	--	- -	NA	--	--	--	--
			Manganese	--	- -	--	--	- -	Nervous	--	0.4	--	0.4
			Thallium	--	- -	--	--	- -	NA	--	--	--	--
			Vanadium	--	- -	--	--	- -	NA	--	0.08	--	0.08
			Hexavalent Chromium	--	2E-07	--	--	2E-07	Respiratory	--	0.0006	--	0.0006
			Chemical Total	--	7E-07	--	--	7E-07		- -	0.7	- -	0.7
		Exposure Point Total						7E-07					0.7
	Exposure Medium Total							7E-07					0.7
Medium Total								1E-06					0.9
Receptor Total							Receptor Risk Total	1E-06				Receptor HI Total	0.9

Notes:
1 - Mutagenic chemicals were evaluated in accordance with USEPA's Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens (2005).

TABLE C.6-6
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs - SOUTHEAST SUBAREA
REASONABLE MAXIMUM EXPOSURES
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current/Future
Receptor Population: Construction Workers
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk					Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	External (Radiation)	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Subsurface Soil	Subsurface Soil	Southeast Subarea	1,2,3-Trichlorobenzene	- -	--	- -	--	- -	Hepatic, Body Weight	0.005	--	0.0005	0.005
			1,2,4-Trichlorobenzene	8E-08	--	8E-09	--	9E-08	Hepatic	0.002	--	0.0002	0.002
			1,2-Dichlorobenzene	- -	--	- -	--	- -	Hepatic	0.000003	--	0.0000003	0.000003
			1,3-Dichlorobenzene	1E-10	--	1E-11	--	1E-10	Hepatic	0.00002	--	0.000002	0.00002
			1,4-Dichlorobenzene	1E-10	--	1E-11	--	1E-10	Hepatic	0.00002	--	0.000002	0.00002
			Trichloroethene	5E-09	--	4E-10	--	5E-09	Hepatic, Urinary	0.01	--	0.001	0.02
			Vinyl Chloride	1E-10	--	1E-11	--	1E-10	Hepatic	0.000004	--	0.0000004	0.000004
			Benzo(a)pyrene Equivalents	5E-08	--	2E-08	--	7E-08	Developmental, Immune, Reporductive	0.01	--	0.005	0.02
			Aroclor-1242	3E-07	--	1E-07	--	5E-07	NA	--	--	--	--
			Aroclor-1254	2E-07	--	7E-08	--	2E-07	Nervous	0.2	--	0.08	0.3
			Aroclor-1260	5E-08	--	2E-08	--	7E-08	NA	--	--	--	--
			Arsenic	1E-07	--	2E-08	--	1E-07	Dermal, CVS	0.02	--	0.002	0.02
			Cobalt	- -	--	- -	--	- -	Thyroid	0.004	--	0.0001	0.004
			Iron	- -	--	- -	--	- -	GS	0.08	--	0.003	0.08
			Manganese	- -	--	- -	--	- -	Nervous	0.006	--	0.005	0.01
			Vanadium	- -	--	- -	--	- -	Hematologic	0.006	--	0.008	0.01
			Hexavalent Chromium	1E-08	--	2E-08	--	3E-08	None Specified	0.0003	--	0.0004	0.0008
			Chemical Total	8E-07	--	3E-07	--	1E-06		0.3	--	0.1	0.4
		Exposure Point Total						1E-06					0.4
	Exposure Medium Total							1E-06					0.4
	Air	Southeast Subarea	1,2,3-Trichlorobenzene	--	- -	--	--	- -	NA	--	--	--	--
			1,2,4-Trichlorobenzene	--	- -	--	--	- -	Urinary	--	0.1	--	0.1
			1,2-Dichlorobenzene	--	- -	--	--	- -	Body Weight	--	0.00003	--	0.00003
			1,3-Dichlorobenzene	--	8E-09	--	--	8E-09	Hepatic	--	0.00006	--	0.00006
			1,4-Dichlorobenzene	--	8E-09	--	--	8E-09	Hepatic	--	0.00004	--	0.00004
			Trichloroethene	--	7E-08	--	--	7E-08	Hepatic, Urinary	--	0.6	--	0.6
			Vinyl Chloride	--	3E-10	--	--	3E-10	Hepatic	--	0.00004	--	0.00004
			Benzo(a)pyrene Equivalents	--	2E-09	--	--	2E-09	Developmental, Immune, Reporductive	--	0.09	--	0.09
			Aroclor-1242	--	6E-08	--	--	6E-08	NA	--	--	--	--
			Aroclor-1254	--	2E-08	--	--	2E-08	NA	--	--	--	--
			Aroclor-1260	--	5E-09	--	--	5E-09	NA	--	--	--	--
			Arsenic	--	3E-08	--	--	3E-08	NA	--	0.03	--	0.03
			Cobalt	--	9E-08	--	--	9E-08	Respiratory	--	0.03	--	0.03
			Iron	--	- -	--	--	- -	NA	--	--	--	--
			Manganese	--	- -	--	--	- -	Nervous	--	0.2	--	0.2
			Vanadium	--	- -	--	--	- -	NA	--	0.04	--	0.04
			Hexavalent Chromium	--	1E-07	--	--	1E-07	Respiratory	--	0.0003	--	0.0003
			Chemical Total	--	4E-07	--	--	4E-07		- -	1	- -	1
		Exposure Point Total						4E-07					1
	Exposure Medium Total							4E-07					1
Medium Total								1E-06					1
Receptor Total							Receptor Risk Total	1E-06				Receptor HI Total	1

Notes:
1 - Mutagenic chemicals were evaluated in accordance with USEPA's Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens (2005).

APPENDIX D—BLOCK E CHEMICAL DETECTIONS IN SOIL AND EXCEEDANCES OF RISK-BASED SCREENING CRITERIA (TABLES)

TABLE D-1
COMPARISON OF CHEMICAL CONCENTRATIONS IN CONCRETE TO TSCA CRITERIA, BLOCK E
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

LOCATION		E-SB-1268	E-SB-1269	E-SB-1270	E-SB-1271	E-SB-1272	E-SB-1273	E-SB-1274	E-SB-1275	E-SB-1276	E-SB-1398
SAMPLE ID	TSCA-Regulated	E-SB-1268-CS	E-SB-1269-CS	E-SB-1270-CS	E-SB-1271-CS	E-SB-1272-CS	E-SB-1273-CS	E-SB-1274-CS	E-SB-1275-CS	E-SB-1276-CS	E-SS-1398-CS
SAMPLE DATE	Waste Disposal	20140721	20140721	20140721	20140721	20140721	20140721	20140721	20140721	20140721	20141113
SAMPLE CODE	Concentration	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	(ug/kg)	CT	CT	CT	CT	CT	CT	CT	CT	CT	CT
TOP DEPTH		0.33	0	0	0	0	0	0	0	0	0
BOTTOM DEPTH		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
PCBS (UG/KG)											
AROCLOR-1016		5100 U	27 U	260 U	130 U	130 U	15000 U	13000 U	27 U	26 U	25 U
AROCLOR-1248		5600 U	29 U	290 U	150 U	140 U	17000 U	15000 U	29 U	29 U	28 U
AROCLOR-1260		290000	370	8800	1700	2600	980000	660000	480	430	25 U
TOTAL AROCLOR	50000	290000	370	8800	1700	2600	980000	660000	480	430	0 U
TOTAL AROCLOR HALFND		308650	467	9755	2180	3075	1035500	708500	577	525	104
METALS (MG/KG)											
ARSENIC		NA	NA	NA	NA	NA	NA	NA	NA	NA	1.1 J
BARIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	28
BERYLLIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	0.1 J
CADMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04 J
CHROMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	5.4
COBALT		NA	NA	NA	NA	NA	NA	NA	NA	NA	1.7
COPPER		NA	NA	NA	NA	NA	NA	NA	NA	NA	3.3 B
LEAD		NA	NA	NA	NA	NA	NA	NA	NA	NA	1.3
MOLYBDENUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	0.14 J
NICKEL		NA	NA	NA	NA	NA	NA	NA	NA	NA	2.5 J
VANADIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	5.1
ZINC		NA	NA	NA	NA	NA	NA	NA	NA	NA	5.2
RADIONUCLIDES (PCI/G)											
ANTIMONY-124		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD-214		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM-40		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-228		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-230		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-232		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233/234		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (%)											
PERCENT SOLIDS		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (F)											
FLASHPOINT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
TSCA - Toxic Substances Control Act
"CT" - designates a concrete sample matrix
"CS" denotes a concrete sample in sample ID
UG/KG - micrograms per kilogram
mg/kg - milligrams per kilogram
pci/g - picocuries per gram
PCB - polychlorinated biphenyl
U - analyte was not detected above laboratory detection limit
J - estimated concentration
NA - sample not analyzed for given parameter

TABLE D-1
COMPARISON OF CHEMICAL CONCENTRATIONS IN CONCRETE TO TSCA CRITERIA, BLOCK E
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

LOCATION		E-SB-1400	E-SB-1401	E-SB-1402	E-SB-1403	E-SB-1404	E-SB-1405	E-SB-1406	E-SB-1407	E-SB-1408	
SAMPLE ID	TSCA-Regulated	E-SB-1400-CS	E-SB-1401-CS	E-SB-1402-CS	E-SB-1403-CS	E-SB-1404-CS	E-SB-1405-CS	E-SB-1406-CS	E-SB-1407-CS	E-SB-1408-CS	E-SB-1409-CS
SAMPLE DATE	Waste Disposal	20160226	20160226	20160226	20160226	20160226	20160226	20160226	20160226	20160226	20160226
SAMPLE CODE	Concentration	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG
MATRIX	(ug/kg)	CT	CT	CT	CT	CT	CT	CT	CT	CT	CT
TOP DEPTH		-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
BOTTOM DEPTH		-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PCBS (UG/KG)											
AROCLOR-1016		15 U	2600 U	67 U	130 U	260 U	140000 U	27000 U	65 U	72 U	13 U
AROCLOR-1248		10 U	1700 U	45 U	87 U	170 U	91000 U	18000 U	43 U	48 U	8.4 U
AROCLOR-1260		180 J	73000	540	1600	2500	2300000	430000	1400	590	93 J
TOTAL AROCLOR	50000	180	73000	540	1600	2500	2300000	430000	1400	590	93
TOTAL AROCLOR HALFND		245.5	84250	831	2163.5	3625	2895500	545500	1683	902	148.2
METALS (MG/KG)											
ARSENIC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIONUCLIDES (PCI/G)											
ANTIMONY-124		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD-214		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM-40		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-228		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-230		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-232		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233/234		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (%)											
PERCENT SOLIDS		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (F)											
FLASHPOINT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
TSCA - Toxic Substances Control Act
"CT" - designates a concrete sample ma
"CS" denotes a concrete sample in sam
UG/KG - micrograms per kilogram
mg/kg - milligrams per kilogram
pci/g - picocuries per gram
PCB - polychlorinated biphenyl
U - analyte was not detected above labo
J - estimated concentration
NA - sample not analyzed for given para

TABLE D-1
COMPARISON OF CHEMICAL CONCENTRATIONS IN CONCRETE TO TSCA CRITERIA, BLOCK E
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

LOCATION		E-SB-1409		E-SB-1410	E-SB-1411	E-SB-1439	E-SB-1440	E-SB-1441	E-SB-1447	E-SB-1494	
SAMPLE ID	TSCA-Regulated	E-SB-1409-CS-AVG	E-SB-1409-CS-D	E-SB-1410-CS	E-SB-1411-CS	E-SB-1439-CS	E-SB-1440-CS	E-SB-1441-CS	E-SB-1447-CS	E-SB-1494-CS	E-SB-1495-CS
SAMPLE DATE	Waste Disposal	20160226	20160226	20160226	20160226	20160330	20160330	20160330	20160331	20160331	20160331
SAMPLE CODE	Concentration	AVG	DUP	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG
MATRIX	(ug/kg)	CT	CT	CT	CT	CT	CT	CT	CT	CT	CT
TOP DEPTH		-9999	-9999	-9999	-9999	0	0	0	0	0	0
BOTTOM DEPTH		-9999	-9999	-9999	-9999	1	1	1	1	1	1
PCBS (UG/KG)											
AROCLOR-1016		45 U	77 U	260 U	130 U	14 U	63 U	14 U	2600 U	67000 U	68000 U
AROCLOR-1248		29.7 U	51 U	170 U	87 U	9.2 U	42 U	9.1 U	1800 U	44000 U	45000 U
AROCLOR-1260		301.5	510 J	4800	2900	180	940	10 U	37000	890000	420000
TOTAL AROCLOR	50000	301.5	510	4800	2900	180	940	0 U	37000	890000	420000
TOTAL AROCLOR HALFND		495.35	842.5	5910	3463.5	240.1	1216	64.05	48450	1178000	711500
METALS (MG/KG)											
ARSENIC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIONUCLIDES (PCI/G)											
ANTIMONY-124		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD-214		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM-40		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-228		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-230		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-232		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233/234		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (%)											
PERCENT SOLIDS		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (F)											
FLASHPOINT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
TSCA - Toxic Substances Control Act
"CT" - designates a concrete sample ma
"CS" denotes a concrete sample in sam
UG/KG - micrograms per kilogram
mg/kg - milligrams per kilogram
pci/g - picocuries per gram
PCB - polychlorinated biphenyl
U - analyte was not detected above labo
J - estimated concentration
NA - sample not analyzed for given para

TABLE D-1
COMPARISON OF CHEMICAL CONCENTRATIONS IN CONCRETE TO TSCA CRITERIA, BLOCK E
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

LOCATION		E-SB-1495		E-SB-1501	E-SB-1502	E-SB-1503	E-SB-1509	E-SB-1510			E-SB-1511
SAMPLE ID	TSCA-Regulated	E-SB-1495-CS-AVG	E-SB-1495-CS-D	E-SB-1501-CS	E-SB-1502-CS	E-SB-1503-CS	E-SB-1509-CS	E-SB-1510-CS	E-SB-1510-CS-AVG	E-SB-1510-CS-D	E-SB-1511-CS
SAMPLE DATE	Waste Disposal	20160331	20160331	20160304	20160307	20160307	20160304	20160307	20160307	20160307	20160304
SAMPLE CODE	Concentration	AVG	DUP	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	AVG	DUP	NORMAL
MATRIX	(ug/kg)	CT	CT	CT	CT	CT	CT	CT	CT	CT	CT
TOP DEPTH		0	0	0	0	0	0	0	0	0	0
BOTTOM DEPTH		1	1	1	1	1	1	1	1	1	1
PCBS (UG/KG)											
AROCLOR-1016		354000 U	640000 U	130 U	82 U	15 U	62 U	14 U	14 U	14 U	130 U
AROCLOR-1248		237500 U	430000 U	85 U	55 U	9.7 U	41 U	9.2 U	9.25 U	9.3 U	87 U
AROCLOR-1260		2110000	3800000 J	500	690	360	300	51	54	57	98 U
TOTAL AROCLOR	50000	2110000	3800000	500	690	360	300	51	54	57	0 U
TOTAL AROCLOR HALFND		3658250	6605000	1057.5	1047.5	422.85	567	111.1	114.375	117.65	612.5
METALS (MG/KG)											
ARSENIC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIONUCLIDES (PCI/G)											
ANTIMONY-124		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD-214		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM-40		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-228		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-230		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-232		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233/234		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (%)											
PERCENT SOLIDS		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (F)											
FLASHPOINT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
TSCA - Toxic Substances Control Act
"CT" - designates a concrete sample ma
"CS" denotes a concrete sample in sam
UG/KG - micrograms per kilogram
mg/kg - milligrams per kilogram
pci/g - picocuries per gram
PCB - polychlorinated biphenyl
U - analyte was not detected above labo
J - estimated concentration
NA - sample not analyzed for given para

TABLE D-1
COMPARISON OF CHEMICAL CONCENTRATIONS IN CONCRETE TO TSCA CRITERIA, BLOCK E
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

LOCATION		E-SB-872	E-SB-873	E-SB-874	E-SB-921	E-SB-922	E-SB-923	E-SB-924		E-SB-925	
SAMPLE ID	TSCA-Regulated	E-SB-872-CS-0.0-0.1	E-SB-873-CS-0.0-0.1	E-SB-874-CS-0.0-0.1	E-SB-921-CS-0-0.25	E-SB-922-CS-0-0.33	E-SB-923-CS-0-0.33	E-SB-924-CS-0-0.25	E-SB-924-CS-0-0.25-	E-SB-925-CS-0-0.25	E-SB-925-CS-0-0.25-
SAMPLE DATE	Waste Disposal	20110805	20110805	20110805	20120626	20120626	20120626	20120625	20120626	20120625	20120626
SAMPLE CODE	Concentration	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	(ug/kg)	CT	CT	CT	CT	CT	CT	CT	CT	CT	CT
TOP DEPTH		0	0	0	0	0	0	0	0	0	0
BOTTOM DEPTH		0.1	0.1	0.1	0.25	0.33	0.33	0.25	0.25	0.25	0.25
PCBS (UG/KG)											
AROCLOR-1016		2.5 U	2.7 U	2.5 U	21 U	21 U	21 U	21 U	NA	21 U	NA
AROCLOR-1248		1.6 U	1.7 U	1.6 U	17 U	17 U	17 U	17 U	NA	17 U	NA
AROCLOR-1260		2.4 U	2.6 U	580	17 U	17 U	160	41	NA	17 U	NA
TOTAL AROCLOR	50000	0 U	0 U	580	0 U	0 U	160	41	NA	0 U	NA
TOTAL AROCLOR HALFND		8.85	9.6	587.7	57.5	57.5	209	90	NA	57.5	NA
METALS (MG/KG)											
ARSENIC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIONUCLIDES (PCI/G)											
ANTIMONY-124		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD-214		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM-40		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-228		NA	NA	NA	NA	NA	NA	NA	0.171 J	NA	0.187 J
THORIUM-230		NA	NA	NA	NA	NA	NA	NA	0.0417 U	NA	-0.0037 U
THORIUM-232		NA	NA	NA	NA	NA	NA	NA	0.106 J	NA	0.0887 U
URANIUM-233/234		NA	NA	NA	NA	NA	NA	NA	0.106 J	NA	0.0531 U
URANIUM-238		NA	NA	NA	NA	NA	NA	NA	0.0569 U	NA	0.0565 J
MISCELLANEOUS PARAMETERS (%)											
PERCENT SOLIDS		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (F)											
FLASHPOINT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
TSCA - Toxic Substances Control Act
"CT" - designates a concrete sample ma
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UG/KG - micrograms per kilogram
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pci/g - picocuries per gram
PCB - polychlorinated biphenyl
U - analyte was not detected above labo
J - estimated concentration
NA - sample not analyzed for given para

TABLE D-1
COMPARISON OF CHEMICAL CONCENTRATIONS IN CONCRETE TO TSCA CRITERIA, BLOCK E
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

LOCATION		E-SB-926		E-SB-927	E-SB-928	E-SB-929	E-SB-930		E-SB-931	E-SB-932	E-SB
SAMPLE ID	TSCA-Regulated	E-SB-926-CS-0-0.25-	E-SB-926-CS-0-0.42	E-SB-927-CS-0-0.25	E-SB-928-CS-0-0.33	E-SB-929-CS-0-0.33	E-SB-930-CS-0-0.42	E-SB-930-CS-0-0.42-	E-SB-931-CS-0-0.33	E-SB-932-CS-0-0.25	E-SB-933-CS-0-0.42
SAMPLE DATE	Waste Disposal	20120626	20120625	20120626	20120626	20120626	20120626	20120626	20120626	20120626	20120626
SAMPLE CODE	Concentration	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	(ug/kg)	CT	CT	CT	CT	CT	CT	CT	CT	CT	CT
TOP DEPTH		0	0	0	0	0	0	0	0	0	0
BOTTOM DEPTH		0.25	0.42	0.25	0.33	0.33	0.42	0.42	0.33	0.25	0.42
PCBS (UG/KG)											
AROCLOR-1016		NA	22 U	21 U	21 U	21 U	21 U	NA	21 U	110 U	22 U
AROCLOR-1248		NA	17 U	17 U	17 U	17 U	17 U	NA	17 U	88 U	18 U
AROCLOR-1260		NA	28 J	17 U	17 U	17 U	22 J	NA	66	970	18 U
TOTAL AROCLOR	50000	NA	28	0 U	0 U	0 U	22	NA	66	970	0 U
TOTAL AROCLOR HALFND		NA	77.5	57.5	57.5	57.5	71	NA	115	1223.5	61
METALS (MG/KG)											
ARSENIC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIONUCLIDES (PCI/G)											
ANTIMONY-124		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD-214		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM-40		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-228		0.162 J	NA	NA	NA	NA	NA	0.111 J	NA	NA	NA
THORIUM-230		0.0326 U	NA	NA	NA	NA	NA	0.0426 U	NA	NA	NA
THORIUM-232		0.0808 J	NA	NA	NA	NA	NA	0.0869 U	NA	NA	NA
URANIUM-233/234		0.094 J	NA	NA	NA	NA	NA	0.0619 U	NA	NA	NA
URANIUM-238		0.0631 U	NA	NA	NA	NA	NA	0.0928 J	NA	NA	NA
MISCELLANEOUS PARAMETERS (%)											
PERCENT SOLIDS		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (F)											
FLASHPOINT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
TSCA - Toxic Substances Control Act
"CT" - designates a concrete sample ma
"CS" denotes a concrete sample in sam
UG/KG - micrograms per kilogram
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U - analyte was not detected above labo
J - estimated concentration
NA - sample not analyzed for given para

TABLE D-1
COMPARISON OF CHEMICAL CONCENTRATIONS IN CONCRETE TO TSCA CRITERIA, BLOCK E
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

LOCATION		-933	E-SB-934	E-SB-935		E-SB-936		E-SB-937		E-SB-938	
SAMPLE ID	TSCA-Regulated	E-SB-933-CS-0-0.42-	E-SB-934-CS-0-0.42	E-SB-935-CS-0-0.33	E-SB-935-CS-0-0.33-	E-SB-936-CS-0-0.25	E-SB-936-CS-0-0.25-	E-SB-937-CS-0-0.25	E-SB-937-CS-0-0.25-	E-SB-938-CS-0-0.17	E-SB-938-CS-0-0.17-
SAMPLE DATE	Waste Disposal	20120626	20120627	20120626	20120626	20120626	20120626	20120625	20120626	20120625	20120626
SAMPLE CODE	Concentration	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	(ug/kg)	CT	CT	CT	CT	CT	CT	CT	CT	CT	CT
TOP DEPTH		0	0	0	0	0	0	0	0	0	0
BOTTOM DEPTH		0.42	0.42	0.33	0.33	0.25	0.25	0.25	0.25	0.17	0.17
PCBS (UG/KG)											
AROCLOR-1016		NA	22 U	22 U	NA	22 U	NA	22 U	NA	210 U	NA
AROCLOR-1248		NA	18 U	18 U	NA	18 U	NA	18 U	NA	170 U	NA
AROCLOR-1260		NA	18 U	280	NA	23 J	NA	25 J	NA	1200	NA
TOTAL AROCLOR	50000	NA	0 U	280	NA	23	NA	25	NA	1200	NA
TOTAL AROCLOR HALFND		NA	61	332	NA	75	NA	76	NA	1690	NA
METALS (MG/KG)											
ARSENIC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIONUCLIDES (PCI/G)											
ANTIMONY-124		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD-214		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM-40		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-228		0.257 J	NA	NA	0.285 J	NA	0.299 J	NA	0.291 J	NA	0.322 J
THORIUM-230		0.178 J	NA	NA	0.139 J	NA	0.203 J	NA	0.218 J	NA	0.0835 U
THORIUM-232		0.206 J	NA	NA	0.105 J	NA	0.128 J	NA	0.117 J	NA	0.203 J
URANIUM-233/234		0.369 J	NA	NA	0.166 J	NA	0.121 J	NA	0.138 J	NA	0.117 J
URANIUM-238		0.156 J	NA	NA	0.22 J	NA	0.0873 J	NA	0.115 J	NA	0.163 J
MISCELLANEOUS PARAMETERS (%)											
PERCENT SOLIDS		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (F)											
FLASHPOINT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

TSCA - Toxic Substances Control Act
"CT" - designates a concrete sample ma
"CS" denotes a concrete sample in sam
UG/KG - micrograms per kilogram
mg/kg - milligrams per kilogram
pci/g - picocuries per gram
PCB - polychlorinated biphenyl
U - analyte was not detected above labo
J - estimated concentration
NA - sample not analyzed for given para

TABLE D-1
COMPARISON OF CHEMICAL CONCENTRATIONS IN CONCRETE TO TSCA CRITERIA, BLOCK E
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

LOCATION		E-SB-939		E-SB-940		E-SB-941		E-SB-942		E-SB-943	
SAMPLE ID	TSCA-Regulated	E-SB-939-CS-0-0.33	E-SB-939-CS-0-0.33-	E-SB-940-CS-0-0.33	E-SB-940-CS-0-0.33-	E-SB-941-CS-0-0.25	E-SB-941-CS-0-0.25-	E-SB-942-CS-0-0.33	E-SB-942-CS-0-0.33-	E-SB-943-CS-0-0.25	E-SB-943-CS-0-0.25-
SAMPLE DATE	Waste Disposal	20120626	20120626	20120626	20120626	20120625	20120626	20120625	20120626	20120626	20120626
SAMPLE CODE	Concentration	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	(ug/kg)	CT	CT	CT	CT	CT	CT	CT	CT	CT	CT
TOP DEPTH		0	0	0	0	0	0	0	0	0	0
BOTTOM DEPTH		0.33	0.33	0.33	0.33	0.25	0.25	0.33	0.33	0.25	0.25
PCBS (UG/KG)											
AROCLOR-1016		22 U	NA	22 U	NA	22 U	NA	220 U	NA	22 U	NA
AROCLOR-1248		18 U	NA	18 U	NA	17 U	NA	170 U	NA	17 U	NA
AROCLOR-1260		23 J	NA	140	NA	52	NA	5800	NA	130	NA
TOTAL AROCLOR	50000	23	NA	140	NA	52	NA	5800	NA	130	NA
TOTAL AROCLOR HALFND		75	NA	192	NA	101.5	NA	6295	NA	179.5	NA
METALS (MG/KG)											
ARSENIC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIONUCLIDES (PCI/G)											
ANTIMONY-124		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD-214		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM-40		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-228		NA	0.354 J	NA	0.0751 U	NA	0.245 J	NA	0.165 J	NA	0.206 J
THORIUM-230		NA	0.174 J	NA	0.213 J	NA	0.0551 U	NA	0.212 J	NA	0.0843 U
THORIUM-232		NA	0.131 J	NA	0.154 J	NA	0.14 J	NA	0.0975 J	NA	0.0586 U
URANIUM-233/234		NA	0.265 J	NA	0.198 J	NA	0.175 J	NA	0.143 J	NA	0.176 J
URANIUM-238		NA	0.228 J	NA	0.196 J	NA	0.212 J	NA	0.00888 U	NA	0.0657 J
MISCELLANEOUS PARAMETERS (%)											
PERCENT SOLIDS		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (F)											
FLASHPOINT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

TSCA - Toxic Substances Control Act
"CT" - designates a concrete sample ma
"CS" denotes a concrete sample in sam
UG/KG - micrograms per kilogram
mg/kg - milligrams per kilogram
pci/g - picocuries per gram
PCB - polychlorinated biphenyl
U - analyte was not detected above labo
J - estimated concentration
NA - sample not analyzed for given para

TABLE D-1
COMPARISON OF CHEMICAL CONCENTRATIONS IN CONCRETE TO TSCA CRITERIA, BLOCK E
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

LOCATION		E-SB-944	E-SB-945	E-SB-946		E-SB-947		E-SB-948		E-SB-949	E-SB-950
SAMPLE ID	TSCA-Regulated	E-SB-944-CS-0-0.5	E-SB-945-CS-0-0.5	E-SB-946-CS-0-0.33	E-SB-946-CS-0-0.33-	E-SB-947-CS-0-0.25	E-SB-947-CS-0-0.25-	E-SB-948-CS-0-0.25	E-SB-948-CS-0-0.25-	E-SB-949-CS-0-0.5	E-SB-950-CS-0-0.5
SAMPLE DATE	Waste Disposal	20120627	20120628	20120626	20120626	20120626	20120626	20120625	20120626	20120627	20120627
SAMPLE CODE	Concentration	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	(ug/kg)	CT	CT	CT	CT	CT	CT	CT	CT	CT	CT
TOP DEPTH		0	0	0	0	0	0	0	0	0	0
BOTTOM DEPTH		0.5	0.5	0.33	0.33	0.25	0.25	0.25	0.25	0.5	0.5
PCBS (UG/KG)											
AROCLOR-1016		22 U	22 U	22 U	NA	1100 U	NA	24 U	NA	22 UJ	22 U
AROCLOR-1248		18 U	18 U	17 U	NA	870 U	NA	130	NA	18 UJ	18 U
AROCLOR-1260		18 U	28 J	17 U	NA	12000	NA	220	NA	18 UJ	18 U
TOTAL AROCLOR	50000	0 U	28	0 U	NA	12000	NA	350	NA	0 U	0 U
TOTAL AROCLOR HALFND		61	80	58	NA	14525	NA	396.5	NA	61	61
METALS (MG/KG)											
ARSENIC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIONUCLIDES (PCI/G)											
ANTIMONY-124		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD-214		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM-40		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-228		NA	NA	NA	0.147 J	NA	0.133 J	NA	0.0985 U	NA	NA
THORIUM-230		NA	NA	NA	0.112 J	NA	0.049 U	NA	0.12 J	NA	NA
THORIUM-232		NA	NA	NA	0.176 J	NA	0.147 J	NA	0.224 J	NA	NA
URANIUM-233/234		NA	NA	NA	0.0984 J	NA	0.11 J	NA	0.1 J	NA	NA
URANIUM-238		NA	NA	NA	0.0971 J	NA	0.165 J	NA	0.233 J	NA	NA
MISCELLANEOUS PARAMETERS (%)											
PERCENT SOLIDS		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (F)											
FLASHPOINT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
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mg/kg - milligrams per kilogram
pci/g - picocuries per gram
PCB - polychlorinated biphenyl
U - analyte was not detected above labo
J - estimated concentration
NA - sample not analyzed for given para

TABLE D-1
COMPARISON OF CHEMICAL CONCENTRATIONS IN CONCRETE TO TSCA CRITERIA, BLOCK E
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

LOCATION		E-SB-951		E-SB-952		E-SB-953	E-SB-954		E-SB-961	E-SB-962	E-SB-963
SAMPLE ID	TSCA-Regulated	E-SB-951-CS-0-0.33	E-SB-951-CS-0-0.33-	E-SB-952-CS-0-0.33	E-SB-952-CS-0-0.33-	E-SB-953-CS-0-0.42	E-SB-954-CS-0-0.25	E-SB-954-CS-0-0.25-	E-SB-961-CS-0-0.5	E-SB-962-CS-0-0.42	E-SB-963-CS-0-0.5
SAMPLE DATE	Waste Disposal	20120626	20120626	20120625	20120626	20120627	20120625	20120626	20120627	20120628	20120627
SAMPLE CODE	Concentration	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	(ug/kg)	CT	CT	CT	CT	CT	CT	CT	CT	CT	CT
TOP DEPTH		0	0	0	0	0	0	0	0	0	0
BOTTOM DEPTH		0.33	0.33	0.33	0.33	0.42	0.25	0.25	0.5	0.42	0.5
PCBS (UG/KG)											
AROCLOR-1016		22 U	NA	21 U	NA	21 U	22 U	NA	25 U	22 U	22 U
AROCLOR-1248		17 U	NA	17 U	NA	17 U	18 U	NA	20 U	18 U	18 U
AROCLOR-1260		81	NA	140	NA	17 U	18 U	NA	90	21 J	58
TOTAL AROCLOR	50000	81	NA	140	NA	0 U	0 U	NA	90	21	58
TOTAL AROCLOR HALFND		130.5	NA	189	NA	57.5	61	NA	148	73	110
METALS (MG/KG)											
ARSENIC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIONUCLIDES (PCI/G)											
ANTIMONY-124		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD-214		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM-40		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-228		NA	0.0615 U	NA	0.21 J	NA	NA	0.108 J	NA	NA	NA
THORIUM-230		NA	0.0886 U	NA	0.118 U	NA	NA	0.127 J	NA	NA	NA
THORIUM-232		NA	0.119 U	NA	0.147 J	NA	NA	0.084 U	NA	NA	NA
URANIUM-233/234		NA	0.222 J	NA	0.129 J	NA	NA	0.146 J	NA	NA	NA
URANIUM-238		NA	0.13 J	NA	0.0622 J	NA	NA	0.13 J	NA	NA	NA
MISCELLANEOUS PARAMETERS (%)											
PERCENT SOLIDS		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (F)											
FLASHPOINT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

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"CS" denotes a concrete sample in sam
UG/KG - micrograms per kilogram
mg/kg - milligrams per kilogram
pci/g - picocuries per gram
PCB - polychlorinated biphenyl
U - analyte was not detected above labo
J - estimated concentration
NA - sample not analyzed for given para

TABLE D-1
COMPARISON OF CHEMICAL CONCENTRATIONS IN CONCRETE TO TSCA CRITERIA, BLOCK E
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

LOCATION		E-SB-969	E-SB-970	E-SB-971	SB-041	SB-042	SB-043	SB-551	SB-552	SB-553	SB-554
SAMPLE ID	TSCA-Regulated	E-SB-969-CS-0-0.5	E-SB-970-CS-0-0.5	E-SB-971-CS-0-0.5	SB-41C-SS	SB-42C-SS	SB-43C-SS	SB-551-SS[CS]	SB-552-SS[CS]	SB-553-SS[CS]	SB-554-SS[CS]
SAMPLE DATE	Waste Disposal	20120627	20120627	20120627	20041105	20041105	20041105	20081023	20081023	20081021	20081021
SAMPLE CODE	Concentration	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	(ug/kg)	CT	CT	CT	CT	CT	CT	CT	CT	CT	CT
TOP DEPTH		0	0	0	-9999	-9999	-9999	0	0	0	0
BOTTOM DEPTH		0.5	0.5	0.5	-9999	-9999	-9999	0.5	0.5	0.5	0.5
PCBS (UG/KG)											
AROCLOR-1016		22 U	22 U	110 U	NA	NA	NA	17 U	336.3	90 U	87 U
AROCLOR-1248		18 U	18 U	90 U	NA	NA	NA	17 U	18 U	90 U	87 U
AROCLOR-1260		18 U	18 U	90 U	NA	NA	NA	17 U	48.1	410	480
TOTAL AROCLOR	50000	0 U	0 U	0 U	NA	NA	NA	0 U	384.4	410	480
TOTAL AROCLOR HALFND		59.5	61	304	NA	NA	NA	59.5	429.4	680	741
METALS (MG/KG)											
ARSENIC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIONUCLIDES (PCI/G)											
ANTIMONY-124		NA	NA	NA	0.08 U	0.03 U	0.18	NA	NA	NA	NA
LEAD-214		NA	NA	NA	-0.06 UJ	0.12 UJ	0.34 J	NA	NA	NA	NA
POTASSIUM-40		NA	NA	NA	1.7 UJ	0.9 U	1.6	NA	NA	NA	NA
THORIUM-228		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-230		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-232		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233/234		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (%)											
PERCENT SOLIDS		NA	NA	NA	NA	NA	NA	100	95	93	96
MISCELLANEOUS PARAMETERS (F)											
FLASHPOINT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
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UG/KG - micrograms per kilogram
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PCB - polychlorinated biphenyl
U - analyte was not detected above labo
J - estimated concentration
NA - sample not analyzed for given para

TABLE D-1
COMPARISON OF CHEMICAL CONCENTRATIONS IN CONCRETE TO TSCA CRITERIA, BLOCK E
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

LOCATION		SB-822	SB-823	SB-824	SB-825	SB-826	SB-827	SB-828	SB-829	SB-830	SB-831
SAMPLE ID	TSCA-Regulated	E-SB-822-CS	E-SB-823-CS	E-SB-824-CS	E-SB-825-CS	E-SB-826-CS	E-SB-827-CS	E-SB-828-CS	E-SB-829-CS	E-SB-830-CS	E-SB-831-CS
SAMPLE DATE	Waste Disposal	20100915	20100915	20100915	20100913	20100916	20100916	20100916	20100917	20100914	20100913
SAMPLE CODE	Concentration	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	(ug/kg)	CT	CT	CT	CT	CT	CT	CT	CT	CT	CT
TOP DEPTH		0	0	0	0	0	0	0	0	0	0
BOTTOM DEPTH		1	1	1	1	1	1	1	1	1	1
PCBS (UG/KG)											
AROCLOR-1016		22 U	22 U	23 U	22 U	22 U	22 U	22 U	23 U	22 U	22 U
AROCLOR-1248		18 U	18 U	18 U	18 U	18 U	18 U	18 U	18 U	18 U	18 U
AROCLOR-1260		18 U	25 J	18 U	18 U	18 U	18 U	43	18 UJ	18 U	18 U
TOTAL AROCLOR	50000	0 U	25	0 U	0 U	0 U	0 U	43	0 U	0 U	0 U
TOTAL AROCLOR HALFND		61	77	61.5	61	61	61	94	61.5	61	61
METALS (MG/KG)											
ARSENIC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIONUCLIDES (PCI/G)											
ANTIMONY-124		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD-214		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM-40		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-228		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-230		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-232		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233/234		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (%)											
PERCENT SOLIDS		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (F)											
FLASHPOINT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
TSCA - Toxic Substances Control Act
"CT" - designates a concrete sample ma
"CS" denotes a concrete sample in sam
UG/KG - micrograms per kilogram
mg/kg - milligrams per kilogram
pci/g - picocuries per gram
PCB - polychlorinated biphenyl
U - analyte was not detected above labo
J - estimated concentration
NA - sample not analyzed for given para

TABLE D-1
COMPARISON OF CHEMICAL CONCENTRATIONS IN CONCRETE TO TSCA CRITERIA, BLOCK E
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

LOCATION		SB-833	SB-833A	SB-833B	SB-833C	SB-833D	SB-833E	SB-833F	SB-833G	SB-833H	SB-833I
SAMPLE ID	TSCA-Regulated	E-SB-833-CS	E-SB-833A-CS	E-SB-833B-CS	E-SB-833C-CS	E-SB-833D-CS	E-SB-833E-CS	E-SB-833F-CS	E-SB-833G-CS	E-SB-833H-CS	E-SB-833I-CS
SAMPLE DATE	Waste Disposal	20100916	20101012	20101012	20101012	20101012	20101012	20101012	20101012	20101012	20101013
SAMPLE CODE	Concentration	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	(ug/kg)	CT	CT	CT	CT	CT	CT	CT	CT	CT	CT
TOP DEPTH		0	0	0	0	0	0	0	0	0	0
BOTTOM DEPTH		1	1	1	1	1	1	1	1	1	1
PCBS (UG/KG)											
AROCLOR-1016		22 U	220 U	22 U	22 U	22 U	220 U	220000 U	22 U	25 U	110 U
AROCLOR-1248		18 U	180 U	18 U	18 U	18 U	180 U	180000 U	18 U	20 U	90 U
AROCLOR-1260		18 U	1400	86	30 J	110	1100	1600000	260	120	290
TOTAL AROCLOR	50000	0 U	1400	86	30	110	1100	1600000	260	120	290
TOTAL AROCLOR HALFND		60	1920	138	82	162	1620	2115000	312	177.5	549
METALS (MG/KG)											
ARSENIC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIONUCLIDES (PCI/G)											
ANTIMONY-124		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD-214		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM-40		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-228		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-230		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-232		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233/234		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (%)											
PERCENT SOLIDS		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (F)											
FLASHPOINT		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
TSCA - Toxic Substances Control Act
"CT" - designates a concrete sample ma
"CS" denotes a concrete sample in sam
UG/KG - micrograms per kilogram
mg/kg - milligrams per kilogram
pci/g - picocuries per gram
PCB - polychlorinated biphenyl
U - analyte was not detected above labo
J - estimated concentration
NA - sample not analyzed for given para

TABLE D-1
COMPARISON OF CHEMICAL CONCENTRATIONS IN CONCRETE TO TSCA CRITERIA, BLOCK E
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

LOCATION		SB-833J	SB-833K	SB-833L	SB-833M	SB-833N	SB-834	SB-836	SB-843
SAMPLE ID	TSCA-Regulated	E-SB-833J-CS	E-SB-833K-CS	E-SB-833L-CS	E-SB-833M-CS	E-SB-833N-CS	E-SB-834-CS	E-SB-836-CS	E-SB-843-CS
SAMPLE DATE	Waste Disposal	20101013	20101013	20101013	20101013	20101014	20100916	20100917	20100914
SAMPLE CODE	Concentration	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	(ug/kg)	CT	CT	CT	CT	CT	CT	CT	CT
TOP DEPTH		0	0	0	0	0	0	0	0
BOTTOM DEPTH		1	1	1	1	1	1	1	1
PCBS (UG/KG)									
AROCLOR-1016		23 U	220 U	110 U	23 U	22 U	22 U	22 U	21 U
AROCLOR-1248		18 U	180 U	90 U	18 U	18 U	18 U	18 U	17 U
AROCLOR-1260		18 U	3100	290	20 J	53	22 J	47	17 U
TOTAL AROCLOR	50000	0 U	3100	290	20	53	22	47	0 U
TOTAL AROCLOR HALFND		61.5	3620	549	72.5	103.5	73.5	99	57.5
METALS (MG/KG)									
ARSENIC		NA	NA	NA	NA	NA	NA	NA	NA
BARIUM		NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM		NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM		NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM		NA	NA	NA	NA	NA	NA	NA	NA
COBALT		NA	NA	NA	NA	NA	NA	NA	NA
COPPER		NA	NA	NA	NA	NA	NA	NA	NA
LEAD		NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM		NA	NA	NA	NA	NA	NA	NA	NA
NICKEL		NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM		NA	NA	NA	NA	NA	NA	NA	NA
ZINC		NA	NA	NA	NA	NA	NA	NA	NA
RADIONUCLIDES (PCI/G)									
ANTIMONY-124		NA	NA	NA	NA	NA	NA	NA	NA
LEAD-214		NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM-40		NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-228		NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-230		NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-232		NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233/234		NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238		NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (%)									
PERCENT SOLIDS		NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (F)									
FLASHPOINT		NA	NA	NA	NA	NA	NA	NA	NA

Notes:
TSCA - Toxic Substances Control Act
"CT" - designates a concrete sample ma
"CS" denotes a concrete sample in sam
UG/KG - micrograms per kilogram
mg/kg - milligrams per kilogram
pci/g - picocuries per gram
PCB - polychlorinated biphenyl
U - analyte was not detected above labo
J - estimated concentration
NA - sample not analyzed for given para

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-02	E-SB-1024	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-02	E-SB-1025	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-02	E-SB-1031	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-02	E-SB-1032	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-02	E-SB-1033	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-02	E-SB-1040	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-02	E-SB-1043	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-02	E-SB-1024	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-02	E-SB-1025	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-02	E-SB-1031	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-02	E-SB-1032	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-02	E-SB-1033	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-02	E-SB-1040	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-02	E-SB-1043	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE								MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS (UG/K
					SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-02	E-SB-1024	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-02	E-SB-1025	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-02	E-SB-1031	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-02	E-SB-1032	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-02	E-SB-1033	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-02	E-SB-1040	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-02	E-SB-1043	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G) HEXACHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	PCBS (UG/KG) AROCLOR-1016	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	25 U	15 U	20 U	20 U	20 U	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	23 U	14 U	19 U	19 U	19 U	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	25 U	15 U	20 U	20 U	20 U	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	26 U	16 U	21 U	21 U	70	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	--	--	--	--	--	--	74 U	68 U	49 U	86 U	380	62 U
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	470 U	290 U	380 U	380 U	3000	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	480 U	300 U	390 U	390 U	4200	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	120 U	73 U	95 U	95 U	630 J	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	1200 U	740 U	970 U	8400 J	970 UJ	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	470 U	290 U	380 U	3600 J	380 U	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	240 U	150 U	190 U	190 U	1000 J	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	240 U	150 U	190 U	190 U	2300	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	12000 U	7400 U	9700 U	9700 U	39000 J	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	1200 U	750 U	980 U	980 U	8900 J	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	24 U	15 U	19 U	19 U	21 J	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	240 U	150 U	200 U	200 U	2500 J	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	240 U	150 U	190 U	3100	190 U	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	240000 U	150000 U	190000 U	2700000	190000 U	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	240000 U	150000 U	190000 U	4700000	190000 U	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	120000 U	75000 U	99000 U	1200000	99000 U	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	120000 U	75000 U	98000 U	1300000	98000 U	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	120000 U	74000 U	97000 U	400000	97000 U	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	24000 U	15000 U	19000 U	19000 U	38000	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	240000 U	150000 U	190000 U	780000	190000 U	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	12000 U	7300 U	9500 U	130000	9500 U	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	470 U	290 U	380 U	380 U	9000	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	1200 U	750 U	980 U	980 U	11000	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	5000 U	3100 U	4000 U	85000	4000 U	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	2400 U	1500 U	2000 U	2000 U	29000	--
E-SB-1023-02	E-SB-1023	2	2	20131003	--	--	--	--	--	--	23 U	14 U	19 U	19 U	57	--
E-SB-1024-02	E-SB-1024	2	2	20131003	--	--	--	--	--	--	240 U	150 U	190 U	190 U	1500	--
E-SB-1025-02	E-SB-1025	2	2	20131003	--	--	--	--	--	--	24 U	15 U	19 U	19 U	19 U	--
E-SB-1031-02	E-SB-1031	2	2	20131002	--	--	--	--	--	--	23 U	14 U	19 U	19 U	19 U	--
E-SB-1032-02	E-SB-1032	2	2	20131002	--	--	--	--	--	--	24 U	15 U	19 U	19 U	170	--
E-SB-1033-02	E-SB-1033	2	2	20131002	--	--	--	--	--	--	24 U	15 U	19 U	19 U	19 U	--
E-SB-1040-02	E-SB-1040	2	2	20131003	--	--	--	--	--	--	26 U	16 U	21 U	21 U	82	--
E-SB-1043-02	E-SB-1043	2	2	20131003	--	--	--	--	--	--	24 U	15 U	19 U	19 U	19 U	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	4.5 U	5.1 U	5 U	5.3 U	4.5 U	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	4.6 U	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	84	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	4.8 UJ	5.5 UJ	5.3 UJ	5.6 UJ	9.4 J	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.8 U	19 J	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	5 U	5.7 U	5.5 U	5.8 U	12 J	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	4.9 U	5.5 U	5.4 U	5.7 U	51	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	4.8 U	5.4 U	5.3 U	5.6 U	4.7 U	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	140	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	4.8 U	5.4 U	5.2 U	5.5 U	41	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	4.5 U	5.2 U	5 U	5.3 U	56	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	0 U	67.5	--	--	--	--	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	0 U	64	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	0 U	67.5	--	--	--	--	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	70	130.5	--	--	--	--	--	4 U	4 U	4 U	4 U	4 U
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	380	698.5	67 U	--	--	57 U	--	--	--	--	--	--
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	3000	4100	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	4200	5325	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	630	905	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	8400	11200	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	0 U	2895	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	1000	1555	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	2300	2855	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	39000	67000	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	8900	11720	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	21	76.5	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	2500	3065	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	3100	3655	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	2700000	3255000	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	4700000	5255000	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	1200000	1483500	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	1300000	1581500	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	400000	679500	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	38000	93500	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	780000	1335000	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	130000	157500	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	9000	10095	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	11000	13820	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	85000	96600	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	29000	34700	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	57	111	--	--	--	--	--	--	--	--	--	--
E-SB-1024-02	E-SB-1024	2	2	20131003	1500	2055	--	--	--	--	--	--	--	--	--	--
E-SB-1025-02	E-SB-1025	2	2	20131003	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-1031-02	E-SB-1031	2	2	20131002	0 U	63.5	--	--	--	--	--	--	--	--	--	--
E-SB-1032-02	E-SB-1032	2	2	20131002	170	225.5	--	--	--	--	--	--	--	--	--	--
E-SB-1033-02	E-SB-1033	2	2	20131002	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-1040-02	E-SB-1040	2	2	20131003	82	142.5	39	--	--	54 U	--	--	--	--	--	--
E-SB-1043-02	E-SB-1043	2	2	20131003	0 U	65	11 U	--	--	51 U	--	--	--	--	--	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	0 U	18.7	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	0 U	19.2	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	84	100.9	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	9.4	26.95	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	19	36.95	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	12	30.15	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	51	68.75	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	0 U	19.75	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	140	156.85	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	41	58.3	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	56	72.55	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	24	3.9 U
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	9.2772	7.2572	--	5.5 J	4.3 J	7 J	4.8 J	4 U	7.2 J	4 U	31	4 U
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-02	E-SB-1024	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-02	E-SB-1025	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-02	E-SB-1031	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-02	E-SB-1032	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-02	E-SB-1033	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-02	E-SB-1040	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-02	E-SB-1043	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	RADIONUCLIDES (PCI/G)											
					INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	3.9 U	3.9 U	3.9 U	3.9 U	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	3.9 U	3.9 U	3.9 U	3.9 U	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	17	4 U	12	8 J	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-02	E-SB-1024	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-02	E-SB-1025	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-02	E-SB-1031	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-02	E-SB-1032	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-02	E-SB-1033	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-02	E-SB-1040	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-02	E-SB-1043	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
				Units	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	0.0923 U	0.123 U	0.0917 U	0.347 J	--	--	0.054 U	--	0.183 J
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	0.277 UJ	0.473 J	0.269 J	0.265 J	--	--	0.119 J	--	0.145 J
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	0.275 UJ	0.371 J	0.411 J	0.201 J	--	--	0.0396 U	--	0.246 J
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	0.336 J	0.261 J	0.167 J	0.114 J	--	--	0.0141 U	--	0.151 J
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	0.0368 U	0.278 J	0.159 J	0.222 J	--	--	0.0205 U	--	0.153 J
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	0.358 J	0.165 J	0.282 J	0.205 J	--	--	0 U	--	0.204 J
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	0.245 J	0.185 J	0.259 J	0.31 J	--	--	0.0249 U	--	0.209 J
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	0.62 J	0.26 J	0.545 J	0.253 J	--	--	0.0281 U	--	0.0856 U
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	0.295 J	0.201 J	0.515 J	0.154 J	--	--	-0.00169 U	--	0.124 J
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	0.486 J	0.219 J	0.676 J	0.376 J	--	--	-0.00162 U	--	0.266 J
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	0.412 J	0.24 J	0.513 J	0.321 J	--	--	0.0236 U	--	0.292 J
EMANA-030316	EMANA	1.5	1.5	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-02	E-SB-1024	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-02	E-SB-1025	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-02	E-SB-1031	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-02	E-SB-1032	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-02	E-SB-1033	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-02	E-SB-1040	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-02	E-SB-1043	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	4.3 U	20	11 U	24 U	35	42	11 J	120	1010.74	1010.74	630	690
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	3.8 U	0.55 U	10 U	22 U	0.84 U	0.38 U	10 U	0.86 U	0.7 U	0.7 U	0.69 U	0.7 U
E-SB-1024-02	E-SB-1024	2	2	20131003	3.9 U	7.2 J	10 U	53 J	32	11	10 U	88	887.16	887.16	580	590
E-SB-1025-02	E-SB-1025	2	2	20131003	3.9 U	0.56 U	10 U	23 U	0.86 U	0.39 U	10 U	0.88 U	0.72 U	0.72 U	0.71 U	0.72 U
E-SB-1031-02	E-SB-1031	2	2	20131002	3.8 U	0.55 U	10 U	22 U	0.83 U	0.38 U	11 J	0.86 U	0.7 U	0.7 U	0.69 U	0.7 U
E-SB-1032-02	E-SB-1032	2	2	20131002	3.9 U	0.56 U	10 U	22 U	0.85 U	0.39 U	10 U	0.87 U	24.373	24.008	22	18
E-SB-1033-02	E-SB-1033	2	2	20131002	4 U	0.57 U	10 U	23 U	0.87 U	0.4 U	10 U	0.89 U	0.73 U	0.73 U	0.72 U	0.73 U
E-SB-1040-02	E-SB-1040	2	2	20131003	4.4 U	0.62 U	11 U	25 U	0.95 U	0.44 U	11 U	0.97 U	26.747	26.337	19	20
E-SB-1043-02	E-SB-1043	2	2	20131003	4 U	0.57 U	10 U	23 U	0.86 U	0.4 U	10 U	0.89 U	0.73 U	0.73 U	0.72 U	0.73 U
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	940	520	300	1200	12 U	45 U	52 J	740	120	13 J	23 J	35 J
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	0.65 U	0.38 U	0.75 U	21 U	11 U	41 U	30 U	1.2 U	0.73 U	0.73 U	18 U	31 B
E-SB-1024-02	E-SB-1024	2	2	20131003	910	360	350	46 J	11 U	41 U	48 J	660	110	15 J	18 U	17 U
E-SB-1025-02	E-SB-1025	2	2	20131003	0.67 U	0.39 U	0.77 U	21 U	11 U	42 U	30 U	1.2 U	0.74 U	0.74 U	18 U	33 B
E-SB-1031-02	E-SB-1031	2	2	20131002	0.65 U	0.38 U	0.75 U	21 U	11 U	41 U	30 U	1.2 U	0.72 U	0.72 U	18 U	300 B
E-SB-1032-02	E-SB-1032	2	2	20131002	25	12	9.4	21 U	11 U	41 U	30 U	14	0.73 U	0.73 U	18 U	28 B
E-SB-1033-02	E-SB-1033	2	2	20131002	0.67 U	0.4 U	0.78 U	22 B	11 U	42 U	31 U	1.3 U	0.75 U	0.75 U	18 U	130 B
E-SB-1040-02	E-SB-1040	2	2	20131003	30	16	12	120	12 U	46 U	34 U	17	0.82 U	0.82 U	20 U	37 B
E-SB-1043-02	E-SB-1043	2	2	20131003	0.67 U	0.4 U	0.77 U	29 J	11 U	42 U	31 U	1.2 U	0.75 U	0.75 U	18 U	32 B
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	TCLP METALS (MG/L) ARSENIC	TCLP METALS (MG/L) BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	1200	33	400	30	11 U	450	8.9 U	1300	--	--	0.005 U	0.52 U
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	6.2 J	0.58 U	0.38 U	0.9 U	10 U	0.8 U	8 U	6 J	--	--	--	--
E-SB-1024-02	E-SB-1024	2	2	20131003	1000	25	340	11	10 U	400	18 J	900	--	--	--	--
E-SB-1025-02	E-SB-1025	2	2	20131003	0.62 U	0.6 U	0.39 U	0.93 U	10 U	0.82 U	8.2 U	0.5 U	--	--	--	--
E-SB-1031-02	E-SB-1031	2	2	20131002	0.6 U	0.58 U	0.38 U	0.9 U	10 U	0.8 U	28 J	0.48 U	--	--	--	--
E-SB-1032-02	E-SB-1032	2	2	20131002	24	0.59 U	12	0.91 U	10 U	4 J	8.1 U	23	--	--	--	--
E-SB-1033-02	E-SB-1033	2	2	20131002	0.63 U	0.6 U	0.4 U	0.94 U	10 U	0.83 U	8.3 U	0.5 U	--	--	--	--
E-SB-1040-02	E-SB-1040	2	2	20131003	25	0.66 U	13	1 U	11 U	8.9	9.1 U	25	--	--	--	--
E-SB-1043-02	E-SB-1043	2	2	20131003	0.62 U	0.6 U	0.4 U	0.93 U	10 U	0.83 U	8.3 U	0.5 U	--	--	--	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)											
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	0.084 U	0.0031 U	0.0028 U	0.00009 U	0.004 U	--	--	--	--	--	--	--
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-02	E-SB-1024	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-02	E-SB-1025	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-02	E-SB-1031	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-02	E-SB-1032	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-02	E-SB-1033	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-02	E-SB-1040	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-02	E-SB-1043	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
				Units	TENTATIVELY UG/KG	TENTATIVELY UG/KG	TENTATIVELY UG/KG	TENTATIVELY UG/KG	TENTATIVELY UG/KG	TENTATIVELY UG/KG	TENTATIVELY UG/KG	TENTATIVELY UG/KG	TENTATIVELY UG/KG	TENTATIVELY UG/KG	TENTATIVELY UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-02	E-SB-1024	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-02	E-SB-1025	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-02	E-SB-1031	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-02	E-SB-1032	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-02	E-SB-1033	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-02	E-SB-1040	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-02	E-SB-1043	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-02	E-SB-1024	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-02	E-SB-1025	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-02	E-SB-1031	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-02	E-SB-1032	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-02	E-SB-1033	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-02	E-SB-1040	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-02	E-SB-1043	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE NE	1,2,3-TRIMETHYLBENZENE NE	1,2,4-TRICHLOROBENZENE NE	1,2,4-TRIMETHYLBENZENE NE	1,2-DICHLOROBENZENE NE	1,3-DICHLOROBENZENE NE	1,4-DICHLOROBENZENE NE	2-BUTANONE	4-ISOPROPYLTOLUENE NE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	0.58 U	0.53 U	0.44 U	0.67 U	0.39 U	0.8 U	0.32 U	1.3 U	0.47 U	6.6 U	0.68 U	0.61 U
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	0.29 U	0.13 U	0.21 U	0.5 U	0.28 U	0.27 U	0.51 U	1.1 U	0.16 U	4.8 U	0.34 U	0.25 U
E-SB-1024-02	E-SB-1024	2	2	20131003	0.33 U	0.15 U	0.24 U	0.57 U	0.31 U	0.31 U	0.58 U	1.2 U	0.18 U	15 B	0.7 J	0.29 U
E-SB-1025-02	E-SB-1025	2	2	20131003	0.29 U	0.13 U	0.2 U	0.49 U	0.27 U	0.26 U	0.5 U	1.1 U	0.16 U	4.8 U	0.33 U	0.25 U
E-SB-1031-02	E-SB-1031	2	2	20131002	0.31 U	0.14 U	0.22 U	0.52 U	0.29 U	0.28 U	0.53 U	1.1 U	0.17 U	8.2 J	0.36 U	0.27 U
E-SB-1032-02	E-SB-1032	2	2	20131002	8.7 U	0.15 U	6.4 U	4.4 U	7.5 U	4.2 U	7 U	37 U	4.2 U	150 U	10 U	5.6 U
E-SB-1033-02	E-SB-1033	2	2	20131002	8.4 U	0.14 U	6.1 U	4.2 U	7.2 U	4 U	6.7 U	36 U	4 U	140 J	10 U	5.4 U
E-SB-1040-02	E-SB-1040	2	2	20131003	0.31 U	0.14 U	0.22 U	0.53 U	0.3 U	0.29 U	0.54 U	1.1 U	0.17 U	5.2 U	0.36 U	0.27 U
E-SB-1043-02	E-SB-1043	2	2	20131003	0.29 U	0.13 U	0.21 U	0.54 J	0.28 U	0.27 U	0.51 U	1.1 U	0.16 U	4.8 U	0.34 U	0.25 U
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	0.32 U	0.37 U	0.23 U	0.49 U	--	2.2 U	0.4 UJ	0.68 U	0.69 U	0.66 U	1.1 U	0.46 U
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	0.28 U	0.2 U	0.12 U	0.92 U	--	0.52 U	0.15 U	0.18 U	0.31 U	0.27 U	0.14 U	0.12 U
E-SB-1024-02	E-SB-1024	2	2	20131003	11	0.23 U	0.14 U	1 U	--	0.58 U	0.17 U	0.2 U	0.35 U	0.31 U	0.16 U	0.13 U
E-SB-1025-02	E-SB-1025	2	2	20131003	0.27 U	0.2 U	0.12 U	0.91 U	--	0.51 U	0.14 U	0.17 U	0.3 U	0.26 U	0.14 U	0.11 U
E-SB-1031-02	E-SB-1031	2	2	20131002	0.29 U	0.21 U	0.13 U	0.97 U	--	0.54 U	0.15 U	0.19 U	0.32 U	0.28 U	0.15 U	0.12 U
E-SB-1032-02	E-SB-1032	2	2	20131002	670	4.7 U	5.7 U	5.4 U	--	67 U	5.8 U	7 U	12 U	7.4 U	4.1 U	4.9 U
E-SB-1033-02	E-SB-1033	2	2	20131002	230	4.5 U	5.5 U	5.2 U	--	65 U	5.6 U	6.7 U	12 U	7.1 U	3.9 U	4.7 U
E-SB-1040-02	E-SB-1040	2	2	20131003	0.48 J	0.21 U	0.13 U	0.99 U	--	0.55 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.12 U
E-SB-1043-02	E-SB-1043	2	2	20131003	0.28 U	0.2 U	0.12 U	0.92 U	--	0.51 U	0.15 U	0.18 U	0.31 U	0.27 U	0.14 U	0.11 U
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	BACKFILL
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	BACKFILL
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	BACKFILL
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	BACKFILL
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	BACKFILL
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	BACKFILL
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	BACKFILL
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	NORMAL
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	NORMAL
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	NORMAL
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	NORMAL
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	NORMAL
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	NORMAL
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	NORMAL
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	NORMAL
EMANA-030316	EMANA	1.5	1.5	20160303	6.6 U	0.92 U	0.31 U	0.62 U	0 U	0.37 U	0.44 U	NORMAL
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	BACKFILL
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	BACKFILL
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	BACKFILL
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	BACKFILL
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	BACKFILL
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	BACKFILL
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	BACKFILL
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	BACKFILL
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	BACKFILL
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	BACKFILL
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	BACKFILL
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	BACKFILL
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	BACKFILL
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	BACKFILL
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	BACKFILL
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	BACKFILL
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	BACKFILL
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	BACKFILL
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	BACKFILL
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	BACKFILL
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	BACKFILL
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	BACKFILL
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	BACKFILL
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	BACKFILL
E-SB-1023-02	E-SB-1023	2	2	20131003	5.8 U	0.4 U	0.21 U	0.27 U	--	0.32 U	3.7 J	NORMAL
E-SB-1024-02	E-SB-1024	2	2	20131003	6.6 U	0.45 U	0.24 U	0.31 U	--	0.36 U	54	NORMAL
E-SB-1025-02	E-SB-1025	2	2	20131003	5.7 U	0.39 U	0.2 U	0.26 U	--	0.31 U	2.5 J	NORMAL
E-SB-1031-02	E-SB-1031	2	2	20131002	6.1 U	0.42 U	0.22 U	0.28 U	--	0.57 J	16	NORMAL
E-SB-1032-02	E-SB-1032	2	2	20131002	210 U	10 U	15 U	5.4 U	--	29 J	5000	NORMAL
E-SB-1033-02	E-SB-1033	2	2	20131002	200 U	10 U	14 U	5.2 U	--	7.7 U	540	NORMAL
E-SB-1040-02	E-SB-1040	2	2	20131003	6.2 U	0.43 U	0.22 U	0.29 U	--	0.34 U	12	NORMAL
E-SB-1043-02	E-SB-1043	2	2	20131003	5.8 U	0.4 U	0.21 U	0.27 U	--	0.31 U	0.33 J	NORMAL
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	NORMAL

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE								MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS (UG/K
					SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G)						PCBS (UG/KG)					
					HEXACHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	4.7 U	5.3 U	5.1 U	5.4 U	4.6 U	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	6.3 U	7.2 U	7 U	7.4 U	89	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.7 U	60	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	5 U	5.7 U	5.5 U	5.8 U	71	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	5.4 U	6.2 U	6 U	6.3 U	250	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	480 U	550 U	530 U	560 U	7700	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	5.1 U	5.8 U	5.6 U	5.9 U	56	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	5.1 U	5.8 U	5.6 U	6 U	70	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.8 U	4.9 U	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	4.8 U	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	5 U	5.7 U	5.5 U	5.8 U	4.9 U	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	4.8 U	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	9.6 J	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.7 U	6 J	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	4.6 U	5.2 U	5.1 U	5.4 U	4.5 U	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	5 U	5.7 U	5.5 U	5.8 U	4.9 U	18 J
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	5 U	5.7 U	5.5 U	5.9 U	4.9 U	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	4.7 UJ	5.3 U	5.2 U	5.5 U	4.6 UJ	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	4.7 UJ	5.3 U	5.2 U	5.5 U	4.6 UJ	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	4.8 U	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	4.9 U	5.6 U	5.5 U	5.8 U	4.9 U	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	4.8 U	5.4 U	5.3 U	5.6 U	4.7 U	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	4.8 U	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	4.8 U	5.4 U	5.2 U	5.5 U	11 J	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	4.8 U	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	5.6 U	6.4 U	11 J	6.5 U	5.5 U	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.7 U	4.8 U	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	4.6 U	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	4.7 U	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.7 U	31 J	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	17 J	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	6.6 J	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	15 J	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	250 U	280 U	270 U	290 U	4800	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	50 U	57 U	55 U	58 U	730	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.7 U	140	--
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	4.5 U	14 J	5 U	5.3 U	4.5 U	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	4.7 U	5.3 U	5.2 U	5.5 U	4.6 U	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	4.4 U	5.1 U	4.9 U	5.2 U	5.5 J	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	4.9 U	5.5 U	5.4 U	5.7 U	4.8 U	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	9 J	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	4.8 U	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	4.7 U	5.3 U	5.2 U	5.5 U	45	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	4.8 U	5.4 U	5.3 U	5.6 U	4.7 U	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	5 U	5.7 U	5.5 U	5.8 U	4.9 U	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	5 U	5.7 U	5.5 U	5.8 U	4.9 U	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	5.1 U	5.8 U	5.6 U	6 U	9 J	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	5 U	5.7 U	5.5 U	5.8 U	4.9 U	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	4.6 U	5.2 U	5.1 U	5.4 U	5.8 J	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	4.6 U	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	4.8 U	5.4 U	5.3 U	5.6 U	11 J	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	4.8 U	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	4.6 U	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.7 U	4.8 U	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	4.7 U	5.3 U	5.2 U	5.5 U	4.6 U	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	5.1 U	5.8 U	5.6 U	6 U	5 U	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.7 U	4.8 U	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.7 U	4.8 U	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	5.2 U	5.9 U	5.7 U	6 U	9.4 J	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.7 U	4.8 U	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	5 U	5.7 U	5.5 U	5.8 U	6.4 J	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1049-1-2	E-SB-1049	1	2	20140715	0 U	19.25	17000	--	--	150000	--	--	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	89	112	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	60	77.9	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	71	89.25	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	250	269.6	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	7700	9445	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	56	74.5	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	70	88.6	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	0 U	20.4	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	0 U	19.95	75	--	--	160000	--	--	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	0 U	20.6	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	9.6	27.15	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	6	23.9	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	0 U	19.05	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	18	43.35	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	0 U	20.75	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	0 U	19.35	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	0 U	19.45	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	0 U	20.45	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	0 U	19.75	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	11	28.3	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	11	31.2	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	0 U	20.2	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	0 U	19.15	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	0 U	19.55	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	31	48.8	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	17	34.55	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	6.6	23.5	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	15	32.2	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	4800	5700	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	730	912.5	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	140	157.9	--	--	--	--	--	--	--	--	--	--
E-SB-1068-0-1	E-SB-1068	0	1	20140716	14	30.15	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	0 U	19.35	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	5.5	21.7	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	0 U	20.15	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	9	26.55	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	45	62.05	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	0 U	19.75	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	0 U	20.6	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	0 U	20.6	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	9	27.65	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	0 U	20.7	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	5.8	22.6	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	0 U	19.15	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	11	28.4	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	0 U	19.5	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	0 U	20.2	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	0 U	19.35	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	0 U	21.15	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	0 U	20.2	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	0 U	20.2	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	9.4	28.25	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	0 U	20.3	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	6.4	24.55	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE												
												RADIONUCLIDES (PCI/G)				
					INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	2800	--	--	250	10 U	--	250	281.8	271.7	460	200
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	36	--	--	13	0.4 U	--	18	75.12	75.12	60	50
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1049-1-2	E-SB-1049	1	2	20140715	250	10 U	20 U	--	--	--	--	700	19 U	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	70	27	26	--	--	--	--	60	9.2	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE											TCLP METALS (MG/L)	
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1049-1-2	E-SB-1049	1	2	20140715	890	570	10 U	1300	--	3300	--	1600	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	91	15	26	93	--	45	--	82	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)											
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1049-1-2	E-SB-1049	1	2	20140715	18 U	510	25 J	1400	15 U	8.6 U	14 U	77 U	76 J	310 U	22 U	11 U
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	230 U	1300 J	170 U	7400	190 U	110 U	180 U	970 U	110 U	3900 U	270 U	150 U
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1049-1-2	E-SB-1049	1	2	20140715	12 U	6000	3100	11000	--	160 U	1100	210 J	3900	710	280 J	24 J
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	160 U	33000	3100 J	140000	--	2100 U	3000 J	370 J	2900 J	42000	360 J	130 U
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
E-SB-1049-1-2	E-SB-1049	1	2	20140715	430 UJ	22 U	50 J	12000	--	17 U	17 U	NORMAL
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1054-0-1	E-SB-1054	0	1	20140715	5400 UJ	270 U	550 J	180000	--	210 U	220 U	NORMAL
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	NORMAL
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	NORMAL

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE								MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS (UG/K
					SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	1.8 U
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	1.8 U
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	2900
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G)						PCBS (UG/KG)					
					HEXACHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	5.1 U	5.8 U	5.7 U	6 U	5.1 U	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	5.7 J	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.7 U	4.8 U	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	4.8 U	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	5 U	5.6 U	5.5 U	5.8 U	4.9 U	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	5.1 U	5.8 U	5.6 U	6 U	5 U	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	5.2 U	6 U	5.8 U	6.1 U	5.2 U	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	4.9 U	5.5 U	5.4 U	5.7 U	26 J	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	4.7 U	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	5 U	5.7 U	5.5 U	5.9 U	27 J	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	5 U	5.7 U	5.5 U	5.8 U	4.9 U	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	3000 U	3400 U	3300 U	3400 U	90000	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.7 U	70	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	5 U	5.7 U	5.5 U	5.8 U	100	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	5 U	5.7 U	5.5 U	5.8 U	160 J	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	25 U	29 U	28 U	30 U	350 J	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	5.1 U	5.8 U	5.6 U	5.9 U	6.6 J	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.7 U	21 J	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.7 U	20 J	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	4.9 U	5.5 U	5.4 U	5.7 U	200	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	25 U	28 U	27 U	29 U	610	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	5.1 U	5.8 U	5.6 U	6 U	81	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	5.1 U	5.8 U	5.6 U	5.9 U	30 J	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	5.1 U	5.8 U	5.7 U	6 U	28 J	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	5.9 J	5.6 U	5.4 U	5.7 U	45	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	16 J	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	24 U	27 U	26 U	28 U	1400	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	24 U	27 U	26 U	28 U	1200	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	24 U	28 U	27 U	28 U	780	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	5 U	5.7 U	5.5 U	5.8 U	4.9 U	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	1.2 U	12 U	1.9 U	1.2 U	1.3 U	0.6 U	20 U	8.9 U	15 U	18 U	17 U	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	10 J	4.7 U	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	4.8 U	5.4 U	5.3 U	40	4.7 U	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	5 U	5.6 U	5.5 U	5.8 U	38 J	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	5.1 U	5.8 U	5.7 U	6 U	11 J	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	570 U	650 U	630 U	670 U	37000	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	26000 U	30000 U	29000 U	31000 U	550000	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	490 U	870 J	540 U	570 U	25000	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	230 U	3800	250 U	270 U	11000	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	600 U	1900 J	660 U	700 U	23000	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	46 U	220 J	51 U	54 U	580	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	480 U	540 U	530 U	560 U	24000	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	49 U	360 J	54 U	57 U	2100	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	4.5 U	5.2 U	5 U	5.3 U	4.5 U	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	1.2 U	12 U	1.9 U	1.2 U	1.3 U	0.6 U	19 U	8.8 U	14 U	18 U	17 U	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	4.7 U	5.3 U	5.1 U	5.4 U	350	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	4.8 U	5.4 U	5.3 U	5.6 U	9.8 J	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	4100	32 J	360	870	34 J	1.9 J	19 U	8.8 U	14 U	18 U	11000	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	24 U	27 U	26 U	28 U	320	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	46 U	52 U	50 U	53 U	2500	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	94 U	110 U	100 U	110 U	4300	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	46 U	53 U	51 U	54 U	3600	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	47 U	54 U	52 U	55 U	1300	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	4400 U	5000 U	4800 U	5100 U	140000	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	46 U	53 U	51 U	54 U	1700	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	46 U	52 U	51 U	53 U	1800	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	33 J	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.7 U	8.4 J	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	4900 U	5600 U	5400 U	5700 U	290000	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	46 U	53 U	51 U	54 U	2100	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	48 U	54 U	53 U	56 U	5600	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1080-1-2	E-SB-1080	1	2	20140717	0 U	21.25	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	5.7	22.9	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	0 U	20.3	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	0 U	20.55	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	0 U	21.1	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	0 U	21.7	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	26	43.75	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	0 U	19.9	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	27	45.3	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	0 U	20.6	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	90000	100800	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	70	87.9	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	100	118.25	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	160	178.25	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	350	442.5	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	6.6	25.1	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	21	38.9	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	20	37.8	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	200	217.75	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	610	700.5	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	81	99.65	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	30	48.5	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	28	46.7	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	50.9	66.25	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	16	32.9	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	1400	1487	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	1200	1286.5	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	780	868.5	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	0 U	20.7	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	0 U	57.55	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	10	26.8	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	40	56.95	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	38	56.1	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	11	29.7	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	37000	39090	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	550000	645500	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	25870	27380	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	14800	15505	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	24900	26720	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	800	942	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	24000	25740	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	2460	2611	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	0 U	18.8	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	0 U	55.95	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	350	366.95	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	9.8	27.2	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	11000	11047.5	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	320	407	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	2500	2666	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	4300	4642.5	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	3600	3769	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	1300	1472.5	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	140000	156000	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	1700	1868.5	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	1800	1967	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	33	49.85	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	8.4	26.05	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	290000	307900	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	2100	2268.5	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	5600	5774	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE													
												RADIONUCLIDES (PCI/G)					
					INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE											TCLP METALS (MG/L)	
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE												
											TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)						
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	NORMAL
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	NORMAL

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE								MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS (UG/K
					SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G)						PCBS (UG/KG)					
					HEXACHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	4.9 U	5.5 U	5.4 U	5.7 U	170	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	6.1 J	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	4.5 U	5.2 U	5 U	5.3 U	9.6 J	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	88 U	100 U	97 U	100 U	3600	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	220 U	250 U	240 U	250 U	15000	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	23 U	26 U	25 U	27 U	580	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	5 U	5.7 U	5.5 U	5.9 U	13 J	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.7 U	9.8 J	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	31 J	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.7 U	33 J	--
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.7 U	69	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	16 J	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	23 U	26 U	26 U	27 U	910	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	4.8 U	5.4 U	5.3 U	5.6 U	7.5 J	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	120	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	62	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	23 U	26 U	25 U	27 U	510	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	23 U	26 U	25 U	26 U	520	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	23 U	27 U	26 U	27 U	750	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	24 U	27 U	26 U	28 U	330	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	5.7 J	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	5.2 U	5.9 U	5.7 U	6.1 U	5.1 U	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	9.3 U	11 U	10 U	11 U	290	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	4.8 U	5.4 U	5.3 U	5.6 U	20 J	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	4.7 UJ	5.3 UJ	5.2 UJ	5.5 UJ	35 J	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	7.3 J	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	440 U	500 U	490 U	510 U	22000	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	24 U	27 U	26 U	27 U	440	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	90 U	100 U	100 U	110 U	8100	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	47 U	53 U	51 U	54 U	1400	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	23 U	26 U	25 U	26 U	250	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	4.5 U	5.1 U	4.9 U	5.2 U	30 J	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	4.5 U	5.1 U	5 U	5.3 U	4.4 U	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	4.5 U	5.1 U	4.9 U	5.2 U	4.4 U	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	4.8 U	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	4.7 U	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	4.5 U	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	4.6 U	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	5.3 U	6 U	5.8 U	6.2 U	5.2 U	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	5.4 U	6.1 U	5.9 U	6.2 U	5.3 U	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	4.7 U	5.3 U	5.1 U	5.4 U	4.6 U	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	4.7 U	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	4.8 U	5.4 U	5.2 U	5.5 U	4.7 U	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	5 U	5.7 U	5.5 U	5.8 U	4.9 U	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	4.7 U	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	4.8 U	5.4 U	5.2 U	5.5 U	4.7 U	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	4.6 U	5.2 U	5.1 U	5.3 U	4.5 U	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	4.7 U	5.3 U	5.1 U	5.4 U	4.6 U	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	4.7 U	5.3 U	5.1 U	5.4 U	4.6 U	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	4.6 U	5.2 U	5.1 U	5.4 U	4.5 U	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	4.8 U	5.4 U	5.3 U	5.6 U	4.7 U	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.7 U	4.8 U	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	4.7 U	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	4.6 U	5.2 U	5 U	5.3 U	4.5 U	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	42	4.8 U	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	4.9 U	5.6 U	5.5 U	68	4.9 U	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	4.8 U	5.4 U	5.3 U	5.6 U	4.7 U	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	4.9 U	5.5 U	5.4 U	5.7 U	4.8 U	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	4.5 U	5.1 U	5 U	5.2 U	4.4 U	--
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.7 U	4.8 U	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	4.6 U	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1110-1-2	E-SB-1110	1	2	20140723	170	187.75	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	6.1	22.95	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	9.6	26.15	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	3600	3920	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	15000	15790	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	580	663.5	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	13	31.3	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	9.8	27.6	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	31	48.2	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	33	50.8	--	--	--	--	--	--	--	--	--	--
E-SB-1115-0-1	E-SB-1115	0	1	20140723	69	86.8	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	16	33.2	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	910	994	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	7.5	24.9	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	120	136.9	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	62	79.55	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	510	593	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	520	602.5	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	750	835.5	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	330	416.5	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	5.7	22.95	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	0 U	21.45	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	290	324.15	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	20	37.4	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	35	52.05	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	7.3	24.15	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	22000	23605	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	440	526	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	8100	8429	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	1400	1569.5	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	250	332.5	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	30	46.35	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	0 U	18.65	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	0 U	18.45	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	0 U	19.9	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	0 U	19.1	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	0 U	19.5	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	0 U	21.8	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	0 U	22.05	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	0 U	19.25	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	0 U	19.55	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	0 U	19.65	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	0 U	20.7	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	0 U	19.9	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	0 U	19.65	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	0 U	18.9	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	0 U	19.25	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	0 U	19.25	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	0 U	19.05	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	0 U	19.75	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	0 U	20.2	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	0 U	19.8	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	0 U	18.85	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	42	59.45	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	68	85.55	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	0 U	19.75	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	0 U	20.15	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	0 U	18.6	--	--	--	--	--	--	--	--	--	--
E-SB-1138-1-2	E-SB-1138	1	2	20140723	0 U	20.2	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	0 U	19.15	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE												
												RADIONUCLIDES (PCI/G)				
					INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE											TCLP METALS (MG/L)	
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)											
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	NORMAL

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	2.5 L	2.8	70
E-SB-113A-1-2	E-SB-113A	1	2	20130708	--	--	--	--	--	--	--	--	--	0.15 J	2.9	9.3
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	11 L	3.3	110
E-SB-114A-1-2	E-SB-114A	1	2	20130708	--	--	--	--	--	--	--	--	--	0.38 J	5.3	27
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	0.49	1.6	60 J	2.7	21	--	470 J	--	0.56 L	0.6 J	11	0.9 J
E-SB-113A-1-2	E-SB-113A	1	2	20130708	0.85	0.036 J	8.8 J	3.7	8.4	--	4.8 J	--	0.018 UL	0.26 J	7.5	1.3
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	0.62	2.3	29 J	3.2	22	--	110 J	--	0.4 L	0.7 J	17	1.2
E-SB-114A-1-2	E-SB-114A	1	2	20130708	1.6	0.18 J	15 J	6.8	13	--	14 J	--	0.026 J	0.38 J	12	2.8
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE								MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS (UG/K
					SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	0.8	0.074 J	--	--	--	24	120	--	--	0.6 J	--	--
E-SB-113A-1-2	E-SB-113A	1	2	20130708	0.018 B	0.045 J	--	--	--	18	15	--	--	0.46 J	--	--
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	9.9 J
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	0.49	0.063 J	--	--	--	36	140	--	--	0.98	--	--
E-SB-114A-1-2	E-SB-114A	1	2	20130708	0.029 B	0.076 J	--	--	--	24	29	--	--	0.3 U	--	--
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G)						PCBS (UG/KG)					
					HEXACHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	4.6 U	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	--	--	--	--	--	--	4400 U	2800 U	3600 U	3600 U	12000	--
E-SB-113A-1-2	E-SB-113A	1	2	20130708	--	--	--	--	--	--	24 U	15 U	20 U	20 U	73	--
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	4.8 U	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	4.6 U	5.2 U	5 U	5.3 U	4.5 U	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	23 U	27 U	26 U	27 U	690	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	8.1 J	11 U	1.8 U	1.1 U	1.2 U	0.57 U	18 U	8.4 U	14 U	17 U	57	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	100 U	110 U	110 U	120 U	4700	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	4.6 U	5.2 U	5.1 U	5.3 U	46	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	210	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	4.7 U	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	23 U	27 U	26 U	27 U	550	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	4.7 U	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	46 U	52 U	50 U	53 U	1100	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	24 J	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	47 U	54 U	52 U	55 U	1800	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	24 U	27 U	26 U	28 U	460	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	960 U	1100 U	1100 U	1100 U	35000	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	4.7 U	5.3 U	5.2 U	5.5 U	92	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	4700 U	5400 U	5200 U	5500 U	280000	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	46 U	52 U	50 U	53 U	3300	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	950 U	1100 U	1100 U	1100 U	55000	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	170	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	--	--	--	--	--	--	11000 U	7100 U	9200 U	9200 U	21000	--
E-SB-114A-1-2	E-SB-114A	1	2	20130708	--	--	--	--	--	--	120 U	72 U	95 U	95 U	210	--
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	4.5 U	5.1 U	4.9 U	5.2 U	110	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	44	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	4700 U	5300 U	5200 U	5500 U	200000	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	25 U	28 U	27 U	29 U	220	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	50 U	57 U	55 U	58 U	3000	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	4.7 U	5.3 U	5.1 U	5.4 U	45	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	5100 U	5800 U	5700 U	6000 U	130000	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	4.5 U	5.2 U	5 U	5.3 U	170	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	450 U	520 U	500 U	530 U	11000	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	4.6 U	5.2 U	5 U	5.3 U	190 J	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	93 U	110 U	100 U	110 U	5200	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	4.6 U	5.2 U	5.1 U	5.4 U	51	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	4.4 U	5 U	4.9 U	5.2 U	8 J	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	11 J	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	4.6 U	5.2 U	5.1 U	5.4 U	4.5 U	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	4.7 U	5.3 U	5.1 U	5.4 U	4.6 U	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	4.6 U	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	4.6 U	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	4.8 U	5.4 U	5.3 U	5.6 U	4.7 U	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	4.9 U	5.5 U	5.4 U	5.7 U	4.8 U	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	4.6 U	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	4.7 U	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	5 U	5.7 U	5.5 U	5.8 U	4.9 U	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	5.1 U	5.8 U	5.6 U	5.9 U	5 U	--
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	4.7 U	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	4.7 U	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	4.5 U	5.2 U	5 U	5.3 U	4.5 U	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	4.7 U	5.3 U	5.2 U	5.5 U	4.6 U	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	4.4 U	5 U	4.8 U	5.1 U	23 J	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	24 J	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	4.7 U	5.3 U	5.2 U	5.5 U	15 J	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.8 U	30 J	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	4.8 U	5.4 U	5.3 U	5.6 U	4.7 U	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	4.7 U	5.3 U	5.1 U	5.4 U	4.6 U	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	5 U	5.6 U	5.5 U	5.8 U	4.9 U	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	4.6 U	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1139-1-2	E-SB-1139	1	2	20140723	0 U	19.2	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	12000	22400	200	--	--	82 B	--	--	--	--	--	--
E-SB-113A-1-2	E-SB-113A	1	2	20130708	73	130	11 U	--	--	53 U	--	--	--	--	--	--
E-SB-1140-0-1	E-SB-1140	0	1	20140723	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	0 U	18.85	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	690	775.5	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	57	102.55	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	4700	5064	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	46	62.65	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	210	227.25	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	0 U	19.8	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	550	635.5	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	0 U	19.9	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	1100	1266	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	24	41.2	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	1800	1972.5	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	460	546.5	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	35000	38495	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	92	109.05	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	280000	297200	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	3300	3466	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	55000	58485	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	170	187.2	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	21000	47400	170	--	--	52 B	--	--	--	--	--	--
E-SB-114A-1-2	E-SB-114A	1	2	20130708	210	484.5	10 U	--	--	77 B	--	--	--	--	--	--
E-SB-1150-0-1	E-SB-1150	0	1	20140723	110	126.25	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	44	61.55	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	200000	217050	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	220	310.5	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	3000	3182	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	45	61.95	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	130000	148700	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	170	186.55	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	11000	12655	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	190	206.6	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	5200	5542	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	51	67.8	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	8	24.1	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	11	27.9	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	0 U	19.05	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	0 U	19.25	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	0 U	19.5	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	0 U	19.5	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	0 U	19.75	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	0 U	20.15	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	0 U	19.5	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	0 U	19.55	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	0 U	20.6	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	0 U	21	--	--	--	--	--	--	--	--	--	--
E-SB-1162-0-1	E-SB-1162	0	1	20140722	0 U	19.8	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	0 U	19.9	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	0 U	18.8	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	0 U	19.35	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	23	38.9	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	24	41.2	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	15	32.05	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	30	47.95	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	0 U	19.75	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	0 U	19.25	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	0 U	20.55	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	0 U	19.2	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-1-2	E-SB-113A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-1-2	E-SB-114A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE												
												RADIONUCLIDES (PCI/G)				
					INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-1-2	E-SB-113A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-1-2	E-SB-114A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-1-2	E-SB-113A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-1-2	E-SB-114A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	25 U	60	65 U	140 U	720	2.5 U	65 U	830	4500.5	4500.5	3500	3100
E-SB-113A-1-2	E-SB-113A	1	2	20130708	4.1 U	0.58 U	11 U	23 U	0.88 U	0.41 U	11 U	0.91 U	0.74 U	0.74 U	0.73 U	0.74 U
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	37 U	47 J	97 U	210 U	570	41 J	98 U	950	6126.5	6126.5	4400	4200
E-SB-114A-1-2	E-SB-114A	1	2	20130708	3.9 U	0.55 U	10 U	22 U	0.84 U	0.39 U	10 U	0.86 U	26.095	25.73	20	20
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	4100	2000	1700	140 U	71 U	260 U	580	3500	450	190 J	110 U	110 U
E-SB-113A-1-2	E-SB-113A	1	2	20130708	0.69 U	0.41 U	0.79 U	27 J	12 U	43 U	31 U	1.3 U	0.77 U	0.77 U	19 U	19 B
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	5500	2700	2200	200 U	110 U	390 U	640	4500	670	190 J	170 U	490 B
E-SB-114A-1-2	E-SB-114A	1	2	20130708	24	14	11	21 U	11 U	41 U	30 U	20	0.73 U	0.73 U	18 U	17 U
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE											TCLP METALS (MG/L)	
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	6600	370	1700	110	65 U	3900	52 U	5600	--	--	--	--
E-SB-113A-1-2	E-SB-113A	1	2	20130708	6.5 J	0.62 U	0.41 U	0.95 U	11 U	0.85 U	8.5 U	5.6 J	--	--	--	--
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	8300	360	2400	98	97 U	4400	77 U	7000	--	--	--	--
E-SB-114A-1-2	E-SB-114A	1	2	20130708	28	0.58 U	12	0.9 U	10 U	13	8.1 U	25	--	--	--	--
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)											
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-1-2	E-SB-113A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-1-2	E-SB-114A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-1-2	E-SB-113A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-1-2	E-SB-114A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-1-2	E-SB-113A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-1-2	E-SB-114A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	0.45 U	0.2 U	0.32 U	0.78 U	0.43 U	0.42 U	0.79 U	1.7 U	0.25 U	7.5 U	0.53 U	0.39 U
E-SB-113A-1-2	E-SB-113A	1	2	20130708	0.42 U	0.19 U	0.33 J	0.71 U	0.39 U	0.38 U	0.72 U	1.5 U	0.23 U	25 B	0.48 U	0.36 U
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	0.41 U	0.18 U	0.29 U	0.69 U	0.38 U	0.37 U	0.71 U	1.5 U	0.22 U	6.7 U	0.47 U	0.35 U
E-SB-114A-1-2	E-SB-114A	1	2	20130708	0.45 U	0.2 U	0.32 U	0.77 U	0.43 U	0.42 U	0.79 U	2.7 J	0.25 U	68	0.52 U	0.39 U
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	0.43 U	0.31 U	0.19 U	1.4 U	--	3 B	0.7 J	0.28 U	0.48 U	0.42 U	0.22 U	0.18 U
E-SB-113A-1-2	E-SB-113A	1	2	20130708	0.39 U	0.28 U	0.17 U	1.3 U	--	3.4 B	0.21 U	0.25 U	0.44 U	0.38 U	0.2 U	0.16 U
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	0.38 U	0.28 U	0.17 U	1.3 U	--	4.7 B	0.77 J	0.25 U	0.43 U	0.37 U	0.19 U	0.16 U
E-SB-114A-1-2	E-SB-114A	1	2	20130708	0.43 U	0.31 U	0.19 U	1.4 U	--	4.7 B	0.23 U	0.27 U	0.48 U	0.42 U	0.21 U	0.18 U
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	9.1 UR	0.62 U	0.32 U	0.8 U	--	0.49 U	0.5 U	NORMAL
E-SB-113A-1-2	E-SB-113A	1	2	20130708	8.3 UR	0.57 U	0.3 U	0.73 U	--	0.45 U	0.46 U	NORMAL
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	8.1 UR	0.56 U	0.29 U	0.72 U	--	0.44 U	0.45 U	NORMAL
E-SB-114A-1-2	E-SB-114A	1	2	20130708	9.1 UR	0.62 U	0.32 U	0.8 U	--	0.49 U	0.5 U	NORMAL
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	NORMAL

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE								MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS (UG/K
					SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	210
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G)						PCBS (UG/KG)					
					HEXACHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	4.5 U	5.2 U	5 U	5.3 U	110	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	5 U	5.8 U	5.6 U	5.9 U	46	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	47 U	53 U	52 U	55 U	850	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	4.7 U	5.3 U	5.2 U	5.4 U	7.2 J	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	23 U	26 U	25 U	27 U	570	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	4.7 U	5.3 U	5.2 U	5.5 U	4.6 U	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	4.7 U	5.3 U	5.2 U	5.5 U	19 J	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	4.6 U	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	4.6 U	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	4.6 U	5.2 U	5 U	5.3 U	47	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	4.6 U	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	10 J	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	4.7 U	5.3 U	5.1 U	5.4 U	9.3 J	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	15 J	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	9.3 J	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	4.7 U	5.3 U	5.1 U	5.4 U	6.1 J	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	480 U	550 U	530 U	570 U	14000	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	46	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	600 U	680 U	660 U	690 U	32000	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	5.1 U	5.8 U	5.6 U	5.9 U	52	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	290	12 U	33 J	39	1.4 U	0.64 U	21 U	9.4 U	15 U	19 U	2400	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	4.6 U	5.2 U	5 U	5.3 U	8.3 J	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	500 U	570 U	550 U	580 U	20000	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	4.5 U	5.1 U	4.9 U	5.2 U	27 J	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	4.4 U	5 U	4.8 U	5.1 U	7.3 J	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	4.4 U	5.1 U	4.9 U	5.2 U	4.5 J	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	100 U	120 U	110 U	120 U	6100	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	9.3 U	11 U	10 U	11 U	140	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	50 U	56 U	55 U	58 U	2500	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	4.6 U	5.2 U	5.1 U	5.4 U	5.2 J	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	1200 U	1300 U	1300 U	1400 U	60000	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	24 U	27 U	27 U	28 U	590	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	230 U	260 U	250 U	270 U	16000	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	46 U	53 U	51 U	54 U	1100	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	19 J	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	4.7 U	5.3 U	5.2 U	5.5 U	17 J	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	46 U	52 U	51 U	53 U	4600	--
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	48 U	55 U	53 U	56 U	1700	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	2200 U	2600 U	2500 U	2600 U	58000	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	23000 U	26000 U	26000 U	27000 U	340000	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	440 U	510 U	490 U	520 U	39000	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	23 U	26 U	25 U	27 U	490	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	2500 U	2800 U	2700 U	2900 U	64000	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	490 U	560 U	540 U	570 U	29000	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	47 U	54 U	52 U	55 U	3100	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	92 U	110 U	100 U	110 U	6100	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	2300 U	2600 U	2500 U	2700 U	83000	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	92 U	110 U	100 U	110 U	4700	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	94 U	110 U	100 U	110 U	3900	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	2200 U	2500 U	2400 U	2600 U	140000	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	460 U	520 U	500 U	530 U	34000	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	23 U	27 U	26 U	27 U	440	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	23 U	26 U	26 U	27 U	470	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	430 U	490 U	480 U	500 U	21000	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	4.8 U	5.4 U	5.2 U	5.5 U	230	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	90 U	100 U	99 U	100 U	9500	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	22 U	25 U	25 U	26 U	200	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	2100 U	2400 U	2400 U	2500 U	97000	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	43 U	49 U	48 U	50 U	2400	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	85 U	97 U	94 U	99 U	4600	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	4.4 U	5 U	4.9 U	5.2 U	430	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1168-0-1	E-SB-1168	0	1	20140722	110	126.5	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	46	64.4	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	850	1020.5	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	7.2	24.2	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	570	653.5	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	0 U	19.45	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	19	36.05	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	0 U	19.5	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	0 U	19.5	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	47	63.6	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	0 U	19.5	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	10	27.55	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	9.3	26.25	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	15	32.5	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	9.3	26.15	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	6.1	23.05	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	14000	15765	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	46	62.85	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	32000	34155	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	52	70.5	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	2400	2451.1	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	8.3	24.9	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	20000	21825	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	27	43.35	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	7.3	23.2	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	4.5	20.7	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	6100	6475	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	140	174.15	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	2500	2681	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	5.2	22	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	60000	64250	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	590	677.5	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	16000	16835	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	1100	1269	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	19	36.45	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	17	34.05	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	4600	4766.5	--	--	--	--	--	--	--	--	--	--
E-SB-1186-1-2	E-SB-1186	1	2	20140728	1700	1875.5	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	58000	66200	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	340000	424500	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	39000	40620	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	490	573.5	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	64000	73000	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	29000	30790	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	3100	3272	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	6100	6440.5	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	83000	91350	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	4700	5041	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	3900	4243	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	140000	148000	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	34000	35660	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	440	525.5	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	470	554.5	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	21000	22575	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	230	247.3	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	9500	9823	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	200	281.5	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	97000	104800	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	2400	2557	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	4600	4909	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	430	446.15	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE												
												RADIONUCLIDES (PCI/G)				
					INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE											TCLP METALS (MG/L)	
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE												
											TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)						
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	NORMAL
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	NORMAL
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	NORMAL
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	NORMAL
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	NORMAL
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	NORMAL
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	NORMAL
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	NORMAL
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	NORMAL
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	NORMAL
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	NORMAL
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	NORMAL
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	NORMAL
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	NORMAL
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	NORMAL
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	NORMAL

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	2000 J
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	1600
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G) HEXACHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	PCBS (UG/KG) AROCLOR-1016	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	22 U	26 U	25 U	26 U	520	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	550 U	630 U	610 U	650 U	56000	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	52 U	59 U	57 U	61 U	1100	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	96 U	110 U	110 U	110 U	3700	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	96 U	110 U	110 U	110 U	6000	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	21000 U	24000 U	23000 U	25000 U	740000	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	46 U	53 U	51 U	54 U	1500	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	23 U	26 U	26 U	27 U	440	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	22 U	25 U	24 U	25 U	690	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	23 U	26 U	25 U	27 U	570	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	4.8 U	5.4 U	5.3 U	5.6 U	64	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	70	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	78	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	150	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	2200	19 J	270 J	520	9.9 J	0.58 U	19 U	8.6 U	14 U	17 U	8000	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	4.5 U	5.2 U	5 U	5.3 U	23 J	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	87 U	100 U	96 U	100 U	5400	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	25 U	28 U	28 U	29 U	630	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	43 U	49 U	47 U	50 U	2600	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	4.6 U	5.2 U	5 U	5.3 U	22 J	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	4.7 U	5.3 U	5.1 U	5.4 U	24 J	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	5.4 U	6.2 U	6 U	6.3 U	5.4 U	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	5 U	5.7 U	5.5 U	5.8 U	4.9 U	--
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	4.7 U	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	5.1 U	5.8 U	5.6 U	5.9 U	5 U	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	4.5 U	5.1 U	5 U	5.2 U	4.4 U	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	4.6 U	5.2 U	5.1 U	5.4 U	4.5 U	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	4.7 U	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	4.2 U	4.8 U	4.7 U	5 U	4.2 U	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	4.5 U	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	4.8 U	5.4 U	5.3 U	5.6 U	60	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	4.5 U	5.2 U	5 U	5.3 U	4.5 U	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	4.6 U	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	4.8 U	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	4.9 U	5.6 U	5.5 U	5.8 U	4.9 U	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	4.7 U	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	4.8 U	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	40	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	4.5 U	5.2 U	5 U	5.3 U	5.2 J	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	4.6 U	5.2 U	5.1 U	5.4 U	13 J	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	21 J	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	4.4 U	5 U	4.9 U	5.2 U	34 J	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	4.4 U	5.1 U	4.9 U	5.2 U	35 J	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	450 U	510 U	490 U	520 U	14000	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	4.5 U	5.1 U	4.9 U	5.2 U	93 J	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	4.4 U	5.1 U	4.9 U	5.2 U	210 J	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	89 U	100 U	98 U	100 U	4700	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	180	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	45 U	52 U	50 U	53 U	2000	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	93	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	1700	21 J	76	280	10 J	1.1 J	18 U	8.1 U	13 U	16 U	5700	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	46 U	52 U	51 U	53 U	600	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	46 U	52 U	50 U	53 U	2800	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	24 U	27 U	27 U	600	24 U	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	86 U	98 U	95 U	100 U	12000	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	46 U	53 U	51 U	54 U	2300	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	89 U	100 U	98 U	100 U	5100	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	45	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	87 U	99 U	96 U	100 U	6700	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	4.5 U	5.2 U	5 U	5.3 U	65	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	5.1 U	5.8 U	5.6 U	6 U	5.1 J	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	520	602	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	56000	58040	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	1100	1289	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	3700	4049.5	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	6000	6350	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	740000	816500	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	1500	1669	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	440	524	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	690	769	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	570	653.5	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	64	81.4	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	70	87.55	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	78	95.55	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	150	167.55	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	8000	8046.75	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	23	39.55	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	5400	5719	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	630	721	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	2600	2756.5	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	22	38.6	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	24	40.95	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	0 U	22.3	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	0 U	20.6	--	--	--	--	--	--	--	--	--	--
E-SB-1208-0-1	E-SB-1208	0	1	20140724	0 U	19.55	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	0 U	21	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	0 U	18.6	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	0 U	19.05	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	0 U	19.6	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	0 U	17.55	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	0 U	19.1	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	60	77.4	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	0 U	18.75	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	0 U	19.2	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	0 U	20.45	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	0 U	19.55	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	40	57.25	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	5.2	21.75	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	13	29.8	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	21	37.85	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	34	50.1	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	35	51.2	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	14000	15625	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	93	109.25	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	210	226.2	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	4700	5021.5	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	180	196.85	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	2000	2165	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	93	109.85	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	5700	5743.75	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	600	767.5	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	2800	2966	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	600	685.5	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	12000	12311.5	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	2300	2468.5	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	5100	5422	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	45	62.2	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	6700	7018.5	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	65	81.55	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	5.1	23.75	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE												
												RADIONUCLIDES (PCI/G)				
					INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE											TCLP METALS (MG/L)	
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)											
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	NORMAL
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	NORMAL
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	NORMAL
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	NORMAL
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	NORMAL
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	NORMAL
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	NORMAL
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	NORMAL
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	NORMAL
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	NORMAL

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE								MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS (UG/K
					SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	1.6 U
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	1.7 U
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G)						PCBS (UG/KG)					
					HEXACHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	4.6 U	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	120	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	4.5 U	5.1 U	5 U	5.2 U	63	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	11 J	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	4.6 U	5.2 U	5 U	5.3 U	9.1 J	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	4.7 U	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	4.7 U	5.3 U	5.2 U	5.5 U	4.6 U	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	4.6 U	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	440 U	500 U	480 U	510 U	36000 J	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	180	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	4.8 U	5.4 U	5.2 U	5.5 U	22 J	--
E-SB-1231-1-2	E-SB-1231	1	2	20140724	1.1 U	11 U	1.7 U	1.1 U	1.2 U	0.55 U	18 U	8 U	13 U	16 U	15 U	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	50 U	56 U	55 U	58 U	1700	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	130	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.7 U	21 J	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	4.5 U	5.1 U	4.9 U	5.2 U	4.4 U	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	4.8 U	5.4 U	5.3 U	5.6 U	4.7 U	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	4.5 U	5.1 U	4.9 U	5.2 U	4.4 U	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	4.8 U	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	5 U	5.7 U	5.5 U	5.8 U	4.9 U	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	4.5 U	5.1 U	5 U	5.3 U	6.5 J	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	1.2 U	12 U	1.9 U	1.2 U	1.3 U	0.59 U	19 U	8.7 U	14 U	17 U	17 U	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	4.7 U	5.3 U	5.2 U	5.5 U	4.6 U	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	4.6 U	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	230 U	260 U	250 U	270 U	16000	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	47 U	53 U	52 U	55 U	1400	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	280 U	320 U	310 U	330 U	17000	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	49 U	56 U	54 U	57 U	1300	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	9600 U	11000 U	11000 U	11000 U	860000 J	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	48 U	55 U	53 U	56 U	1700	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	11 J	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	4.7 U	5.3 U	5.2 U	5.5 U	8.5 J	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	4.6 U	5.2 U	5.1 U	5.4 U	4.5 U	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	4.8 U	5.4 U	5.3 U	5.6 U	4.7 U	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	270 U	310 U	300 U	310 U	18000 J	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	2800 U	3200 U	3100 U	3300 U	90000	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	490 U	550 U	540 U	570 U	20000 J	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	47 U	53 U	52 U	55 U	1400	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	27 U	31 U	30 U	32 U	1400 J	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	5000 U	5700 U	5500 U	5800 U	44000 J	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	100	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	49 U	56 U	54 U	57 U	3300	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	250 J	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	100 J	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	11 U	12 U	12 U	12 U	730	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	4.7 U	5.3 U	5.1 U	5.4 U	29 J	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	47 U	54 U	52 U	55 U	3300	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	4.1 U	4.7 U	4.6 U	4.8 U	120	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	24 U	27 U	26 U	28 U	740	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	4.6 U	5.2 U	5 U	5.3 U	96	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.7 U	260	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.7 U	72	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	45 U	52 U	50 U	53 U	4300	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	54	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1226-1-2	E-SB-1226	1	2	20140724	0 U	19.15	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	120	137.2	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	63	79.4	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	11	28.55	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	9.1	25.7	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	0 U	19.55	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	0 U	19.35	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	0 U	19.5	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	36000	37600	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	180	196.85	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	22	39.3	--	--	--	--	--	--	--	--	--	--
E-SB-1231-1-2	E-SB-1231	1	2	20140724	0 U	51.15	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	1700	1881	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	130	147.55	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	21	38.8	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	0 U	18.45	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	0 U	19.75	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	0 U	18.45	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	0 U	20.6	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	6.5	22.95	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	0 U	55.4	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	0 U	19.35	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	0 U	19.5	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	16000	16835	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	1400	1570.5	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	17000	18025	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	1300	1479	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	860000	894950	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	1700	1875.5	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	11	28.2	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	8.5	25.55	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	0 U	19.05	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	0 U	19.75	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	18000	18980	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	90000	100200	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	20000	21775	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	1400	1570.5	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	1400	1499	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	44000	62150	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	100	117.2	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	3300	3479	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	250	267.2	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	100	116.85	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	730	768.5	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	29	45.95	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	3300	3472	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	120	135.05	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	740	827	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	96	112.6	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	260	277.8	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	72	89.85	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	4300	4465.5	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	54	71.2	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	210 J	160 J	360 J	620 J
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	91	69	120	250
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	0.55 U	28	4 J	67
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	86 J	1100	110 J	2300
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	5.4 U	62 J	3.8 U	94
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	220	1800	10 U	2800
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	62	340	81	660

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
				Units	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	6478.4	6478.4	--	3800 J	4700 J	7600 J	1800 J	2400 J	4400 J	450 J	5500 J	190 J
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	2663.7	2663.7	--	1500	1900	2900	800	980	1900	240	2400	68
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	433.505	433.14	--	340	330	540	130	180	340	0.73 U	700	23
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	14341	14341	--	11000	10000	16000	4700	6000	11000	1100	22000	880
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	639.44	635.89	--	500	500	590	270	340	490	7.1 U	970	48 J
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	13263.9	13263.9	--	10000	9300	15000	3000	6400	9900	1100	20000	1300
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	3417.2	3414.8	--	2700	2600 J	4400 J	860 J	1700 J	2800	4.8 UJ	4700	240

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE												
												RADIONUCLIDES (PCI/G)				
					INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	1600 J	320 J	2200 J	11000 J	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	720	150	910	3700	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	130	4.8 J	320	570	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	4700	150 J	11000	18000	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	230	110	500	770	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	2900	380	12000	16000	--	--	--	--	--	--	--	--
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	850 J	94	2500	6300	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE											TCLP METALS (MG/L)	
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)											
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	NORMAL
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	NORMAL
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	NORMAL
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	NORMAL
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	NORMAL
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	NORMAL
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	NORMAL
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	NORMAL
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	NORMAL
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	NORMAL
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	NORMAL
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	NORMAL
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	NORMAL
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	NORMAL

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	0.65 UJ	2 J	30 J
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	0.65 U	2.8 J	40
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	0.82 UJ	2.7 J	16 J
E-SB-1398-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	0.5 U	2.5	110
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	--	--	--	--	--	--	--	--	--	0.48 J	3.5	48
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	1.4	0.06 U	12	9	9.8 J	--	12	--	0.079 J	0.45 U	17	0.75 UJ
E-SB-1395-2	E-SB-1395	2	2	20140801	0.41 J	0.28 J	26	3.4	12 J	--	32	--	0.13	0.38 U	7.2	0.41 UJ
E-SB-1396-2	E-SB-1396	2	2	20140801	1.2	0.12 J	11	7.4	10 J	--	8.8	--	0.061 J	0.57 U	14	0.94 UJ
E-SB-1398-0-1	E-SB-1398	0	1	20141113	0.71	0.84	14	7	13 B	--	16	--	0.19	0.37 J	10	0.35 U
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	0.8	1.2	27	5.1	21 B	--	25	--	0.054 J	0.4 J	11	0.32 U
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE								MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS (UG/K
					SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	4000
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	11000
E-SB-1394-2	E-SB-1394	2	2	20140801	0.17 U	0.46 U	--	--	--	18 J	45	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	0.14 J	0.5 U	--	--	--	17 J	67	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	0.27 J	0.58 U	--	--	--	18 J	41	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	0.065 U	0.13 U	--	--	--	24	71	--	--	--	--	--
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	200 >	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	0.06 U	0.12 U	--	--	--	33	55	--	--	--	--	--
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G)						PCBS (UG/KG)					
					HEXACHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	4.8 U	5.4 U	5.2 U	5.5 U	7.6 J	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	4.8 U	5.4 U	5.3 U	5.6 U	5.5 J	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	4.4 U	5 U	4.8 U	5.1 U	120	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	4.5 U	5.1 U	4.9 U	5.2 U	120	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	24 U	27 U	26 U	27 U	450	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	4.6 U	5.2 U	5 U	5.3 U	65	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	4.7 U	5.4 U	5.2 U	5.5 U	4.7 U	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	4.9 U	5.5 U	5.4 U	5.7 U	4.8 U	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	4.7 U	5.3 U	5.2 U	5.4 U	4.6 U	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	4.8 U	5.5 U	5.3 U	5.6 U	4.7 U	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	5.2 U	5.9 U	5.7 U	6.1 U	5.1 U	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	4.8 U	5.4 U	5.2 U	5.6 U	4.7 U	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	4.6 U	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	5 U	5.7 U	5.5 U	5.8 U	4.9 U	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	4.9 U	5.6 U	5.4 U	5.7 U	4.9 U	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	4.6 U	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	4.6 U	5.2 U	5 U	5.3 U	4.5 U	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	4.6 U	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	7000	50 U	370	10000	1200	69	17 U	7.7 U	13 U	27000	15000	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	210 U	240 U	240 U	250 U	10000	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	240 U	280 U	270 U	280 U	14000	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	240 U	270 U	260 U	280 U	17000	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	2300 U	2700 U	2600 U	2700 U	64000	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	53000	520 U	720 J	110000	17000	1200	17 U	7.9 U	13 U	330000	59000	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	4.4 U	5 U	4.8 U	5.1 U	40	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	22 U	25 U	24 U	25 U	470	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	23 U	26 U	25 U	26 U	630	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	4.6 U	5.3 U	5.1 U	5.4 U	44	--
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	--	--	--	--	--	--	460 U	520 U	500 U	530 U	4900	--
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	15 U	14 U	10 U	17 U	21 J	12 U
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	15 U	14 U	9.9 U	17 U	14 J	12 U
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	15 U	13 U	9.8 U	17 U	11 U	12 U
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	14 U	13 U	9.4 U	16 U	11 J	12 U
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	15 U	14 U	9.9 U	17 U	27 J	12 U
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	17 U	16 U	11 U	20 U	44 J	14 U
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	14 U	13 U	9.4 U	16 U	130	12 U
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	14 U	13 U	9.6 U	17 U	63	12 U
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	15 U	14 U	10 U	18 U	330	13 U
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	160000 U	150000 U	110000 U	190000 U	5300000	140000 U
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	1400 U	1300 U	940 U	20000	1100 U	1200 U
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	13 U	12 U	8.9 U	86	10 U	11 U
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	710 U	650 U	470 U	820 U	14000	590 U
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	1400 U	1300 U	960 U	1700 U	16000	1200 U
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	1400 U	1300 U	930 U	1600 U	35000 J	1200 U
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	1400 U	1300 U	950 U	1700 U	21000	1200 U
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	14 U	13 U	9.4 U	16 U	230	12 U
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	270 U	250 U	180 U	7300 J	200 U	220 U
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	710 U	650 U	470 U	15000 J	530 U	590 U
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	260 U	240 U	170 U	7700	200 U	220 U
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	7000 U	6400 U	4700 U	110000	5300 U	5800 U
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	14 U	13 U	9.3 U	16 U	16 J	12 U

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	840	560	550	1300
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	21	0.9 U	0.41 U	0.92 U
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	4.3 J	0.87 U	0.4 U	5.5 J
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	11	96	14	190
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	21	130	18	280
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	6.1 J	7.5 J	4.3 J	5.5 J
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	4.2 J	0.88 U	0.41 U	0.9 U
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	0.55 U	6.2 J	0.39 U	9.5
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	5.8 J	14	9.2	34
E-SB-1280-0-1	E-SB-1280	0	1	20140721	7.6	24.9	--	--	--	--	--	--	0.58 U	0.88 U	0.41 U	0.9 U
E-SB-1280-1-2	E-SB-1280	1	2	20140721	5.5	22.9	--	--	--	--	--	--	0.59 U	0.89 U	0.41 U	0.92 U
E-SB-1281-0-1	E-SB-1281	0	1	20140714	120	136	--	--	--	--	--	--	38	240	45	470
E-SB-1281-1-2	E-SB-1281	1	2	20140714	120	136.25	--	--	--	--	--	--	1.1 U	27	32	90
E-SB-1282-0-1	E-SB-1282	0	1	20140714	450	536	--	--	--	--	--	--	6.5 J	23	13	50
E-SB-1282-1-2	E-SB-1282	1	2	20140714	65	81.6	--	--	--	--	--	--	0.55 U	3.7 J	0.38 U	7.4
E-SB-1283-0-1	E-SB-1283	0	1	20140714	0 U	19.55	--	--	--	--	--	--	0.58 U	0.89 U	0.41 U	0.91 U
E-SB-1283-1-2	E-SB-1283	1	2	20140714	0 U	20.15	--	--	--	--	--	--	0.59 U	0.89 U	0.41 U	0.92 U
E-SB-1284-0-1	E-SB-1284	0	1	20140714	0 U	19.3	--	--	--	--	--	--	0.57 U	0.86 U	0.4 U	0.89 U
E-SB-1284-1-2	E-SB-1284	1	2	20140714	0 U	19.8	--	--	--	--	--	--	0.58 U	0.88 U	0.41 U	0.9 U
E-SB-1285-0-1	E-SB-1285	0	1	20140714	0 U	21.45	--	--	--	--	--	--	0.64 U	0.97 U	0.45 U	0.99 U
E-SB-1285-1-2	E-SB-1285	1	2	20140714	0 U	19.7	--	--	--	--	--	--	0.58 U	0.88 U	0.41 U	0.91 U
E-SB-1286-0-1	E-SB-1286	0	1	20140714	0 U	19.15	--	--	--	--	--	--	0.57 U	0.87 U	0.4 U	0.89 U
E-SB-1286-1-2	E-SB-1286	1	2	20140714	0 U	20.6	--	--	--	--	--	--	0.61 U	0.93 U	0.43 U	0.95 U
E-SB-1287-0-1	E-SB-1287	0	1	20140714	0 U	20.35	--	--	--	--	--	--	0.61 U	0.93 U	0.43 U	0.95 U
E-SB-1287-1-2	E-SB-1287	1	2	20140714	0 U	19.15	--	--	--	--	--	--	0.57 U	0.86 U	0.4 U	0.89 U
E-SB-1288-0-1	E-SB-1288	0	1	20140714	0 U	18.85	--	--	--	--	--	--	0.55 U	0.84 U	0.39 U	0.86 U
E-SB-1288-1-2	E-SB-1288	1	2	20140714	0 U	19.15	--	--	--	--	--	--	0.57 U	0.86 U	0.4 U	0.88 U
E-SB-1370-0-2	E-SB-1370	0	2	20140730	42000	42034.4	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	10000	10780	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	14000	14880	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	17000	17865	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	64000	72550	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	389000	389035	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	40	55.9	48	--	--	50 U	--	--	6.6 J	5.7 J	0.38 U	12
E-SB-1395-2	E-SB-1395	2	2	20140801	470	549	66	--	--	48 U	--	--	31	160	12 J	250
E-SB-1396-2	E-SB-1396	2	2	20140801	630	712.5	7.4 J	--	--	51 U	--	--	0.56 U	0.85 U	0.39 U	5.6 J
E-SB-1398-0-1	E-SB-1398	0	1	20141113	44	60.85	--	--	--	--	--	--	--	--	--	--
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	4900	6560	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2	E-SB-1439	0	2	20160330	21	85.5	--	--	--	--	--	--	--	3.8 U	1.8 U	3.9 U
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	14	78.45	--	--	--	--	--	--	--	3.7 U	1.7 U	22 J
E-SB-1440-0-2	E-SB-1440	0	2	20160330	0 U	68.9	--	--	--	--	--	--	--	5.9 J	12	30
E-SB-1441-0-2	E-SB-1441	0	2	20160330	11	71.7	--	--	--	--	--	--	--	0.9 U	0.42 U	0.93 U
E-SB-1442-0-2	E-SB-1442	0	2	20160330	27	91.45	--	--	--	--	--	--	--	7.3 J	0.44 U	11
E-SB-1443-0-2	E-SB-1443	0	2	20160330	44	117.5	--	--	--	--	--	--	--	54	2.5 U	37 J
E-SB-1444-0-2	E-SB-1444	0	2	20160330	130	190.7	--	--	--	--	--	--	--	3.5 U	1.6 U	3.6 U
E-SB-1445-0-2	E-SB-1445	0	2	20160330	63	125.3	--	--	--	--	--	--	--	0.92 U	0.42 U	0.94 U
E-SB-1446-0-2	E-SB-1446	0	2	20160330	330	397	--	--	--	--	--	--	--	550	85	980
E-SB-1447-0-2	E-SB-1447	0	2	20160331	5300000	6010000	--	--	--	--	--	--	--	10 U	4.7 U	110
E-SB-1448-0-2	E-SB-1448	0	2	20160301	20000	25820	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	86	140.95	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	14000	17070	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	16000	22230	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	35000	41065	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	21000	27175	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	230	290.7	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	7300	8410	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	15000	17935	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	7700	8780	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	110000	139050	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	16	76.65	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	10303.1	10303.1	--	6100	7600	10000	3500	3600	7100	760	9000	740
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	0.76 U	0.76 U	--	0.74 U	0.76 U	0.7 U	0.41 U	0.8 U	1.3 U	0.78 U	0.65 U	0.63 U
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	47.304	46.929	--	34	36	51	26	19	39	0.75 U	51	0.61 U
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	849.43	849.43	--	650	560	840	410	280	630	100	1400	73
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	1457.8	1457.8	--	1100	970	1300	690	570	1100	180	2300	110
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	19.496	19.101	--	14	14	25	11	8.2	19	0.79 U	35	13
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	9.87365	9.4897	--	8.1	6.7 J	14	6.2 J	0.79 U	9.7	0.76 U	18	0.61 U
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	65.878	65.878	--	43	44	65	31	23	48	8.2	85	5.5 J
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	260.3	260.3	--	170	170	260	130	110	200	35	310	11
E-SB-1280-0-1	E-SB-1280	0	1	20140721	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.41 U	0.79 U	1.3 U	0.76 U	0.64 U	0.61 U
E-SB-1280-1-2	E-SB-1280	1	2	20140721	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.78 U	0.65 U	0.62 U
E-SB-1281-0-1	E-SB-1281	0	1	20140714	1969.9	1969.9	--	1500	1400 J	2300 J	410 J	830 J	1600	140 J	3200	210
E-SB-1281-1-2	E-SB-1281	1	2	20140714	780.18	780.18	--	530	580	890	200	360	580	34	1000	22
E-SB-1282-0-1	E-SB-1282	0	1	20140714	437.53	437.53	--	300	300	490	150	220	330	42	570	17
E-SB-1282-1-2	E-SB-1282	1	2	20140714	40.293	39.933	--	31	31	43	19	20	33	0.72 U	56	0.58 U
E-SB-1283-0-1	E-SB-1283	0	1	20140714	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.77 U	0.64 U	0.62 U
E-SB-1283-1-2	E-SB-1283	1	2	20140714	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.78 U	0.65 U	0.62 U
E-SB-1284-0-1	E-SB-1284	0	1	20140714	0.73 U	0.73 U	--	0.72 U	0.73 U	0.67 U	0.4 U	0.77 U	1.2 U	0.75 U	0.62 U	0.6 U
E-SB-1284-1-2	E-SB-1284	1	2	20140714	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.41 U	0.79 U	1.3 U	0.76 U	0.64 U	0.61 U
E-SB-1285-0-1	E-SB-1285	0	1	20140714	0.82 U	0.82 U	--	0.8 U	0.82 U	0.75 U	0.45 U	0.87 U	1.4 U	0.84 U	0.7 U	0.68 U
E-SB-1285-1-2	E-SB-1285	1	2	20140714	0.74 U	0.74 U	--	0.73 U	0.74 U	0.69 U	0.41 U	0.79 U	1.3 U	0.77 U	0.64 U	0.62 U
E-SB-1286-0-1	E-SB-1286	0	1	20140714	0.73 U	0.73 U	--	0.72 U	0.73 U	0.67 U	0.4 U	0.78 U	1.3 U	0.75 U	0.63 U	0.61 U
E-SB-1286-1-2	E-SB-1286	1	2	20140714	0.78 U	0.78 U	--	0.77 U	0.78 U	0.72 U	0.43 U	0.83 U	1.3 U	0.8 U	0.67 U	0.65 U
E-SB-1287-0-1	E-SB-1287	0	1	20140714	0.78 U	0.78 U	--	0.77 U	0.78 U	0.72 U	0.43 U	0.83 U	1.3 U	0.8 U	4.1 J	0.65 U
E-SB-1287-1-2	E-SB-1287	1	2	20140714	0.73 U	0.73 U	--	0.72 U	0.73 U	0.67 U	0.4 U	0.77 U	1.2 U	0.75 U	0.62 U	0.6 U
E-SB-1288-0-1	E-SB-1288	0	1	20140714	0.71 U	0.71 U	--	0.7 U	0.71 U	0.65 U	0.39 U	0.75 U	1.2 U	0.73 U	0.61 U	0.59 U
E-SB-1288-1-2	E-SB-1288	1	2	20140714	0.73 U	0.73 U	--	0.71 U	0.73 U	0.67 U	0.4 U	0.77 U	1.2 U	0.75 U	0.62 U	0.6 U
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	44.02	43.641	--	47	33	57	0.38 U	19	51	0.72 U	69	6.6 J
E-SB-1395-2	E-SB-1395	2	2	20140801	914.69	914.69	--	710	640	1100	170	500	690	67	1400	120
E-SB-1396-2	E-SB-1396	2	2	20140801	64.898	64.528	--	47	49	72	38	38	48	0.74 U	79	0.59 U
E-SB-1398-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2	E-SB-1439	0	2	20160330	55.14	53.49	--	62	38	57	41	44	50	3.3 U	98	2.7 U
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	82.714	81.114	--	63	62	86	46	25 J	64	3.2 U	140	2.6 U
E-SB-1440-0-2	E-SB-1440	0	2	20160330	1441.01	1441.01	--	500	960	1300	880	440	610	220	270	7.5 J
E-SB-1441-0-2	E-SB-1441	0	2	20160330	16.997	16.607	--	12	13	13	9.6	9.3	14	0.78 U	20	0.63 U
E-SB-1442-0-2	E-SB-1442	0	2	20160330	61.951	61.951	--	34	42	47	33	22	31	8.9	59	6.4 J
E-SB-1443-0-2	E-SB-1443	0	2	20160330	173.73	171.38	--	170	130	170	72	42 J	360	4.7 U	220	62
E-SB-1444-0-2	E-SB-1444	0	2	20160330	2.9 U	2.9 U	--	2.9 U	2.9 U	2.7 U	1.6 U	3.1 U	5.1 U	3 U	33	2.4 U
E-SB-1445-0-2	E-SB-1445	0	2	20160330	5.41375	4.95	--	0.76 U	4.4 J	5.5 J	0.42 U	0.82 U	1.3 U	0.8 U	7.5 J	0.64 U
E-SB-1446-0-2	E-SB-1446	0	2	20160330	4521.2	4521.2	--	2800	3000	3900	2600	1800	3200	610	8300	440
E-SB-1447-0-2	E-SB-1447	0	2	20160331	782.04	782.04	--	680	520	730	290	330	740	91	1600	7.1 U
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE												
											RADIONUCLIDES (PCI/G)					
					INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	2900	990	6000	13000	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	0.41 U	17	0.86 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	22	5.7 J	24	41	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	370	17	840	1000	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	610	24	1300	1700	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	11	13	36	27	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	5.7 J	5.4 J	12	14	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	26	5 J	44	67	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	110	6.7 J	150	260	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	0.41 U	0.95 U	0.85 U	0.51 U	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	0.41 U	0.97 U	0.86 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	400 J	43	2400	4000	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	200	8 J	340	980	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	140	9.4	250	520	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	13	0.89 U	36	51	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	0.41 U	0.96 U	0.85 U	0.51 U	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	0.41 U	0.96 U	0.86 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	0.4 U	0.93 U	0.83 U	0.5 U	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	0.41 U	0.95 U	0.85 U	0.51 U	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	0.45 U	1 U	0.93 U	0.56 U	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	0.41 U	0.95 U	0.85 U	0.51 U	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	0.4 U	0.94 U	0.83 U	0.5 U	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	0.43 U	1 U	0.89 U	0.54 U	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	0.43 U	1 U	0.89 U	0.54 U	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	0.4 U	0.93 U	0.83 U	0.5 U	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	0.39 U	0.91 U	0.81 U	0.49 U	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	0.4 U	0.93 U	0.83 U	0.5 U	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	0.38 U	4.9 J	130	120	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	210	79	1100	1400	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	32	0.91 U	28	65	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2	E-SB-1439	0	2	20160330	31 J	4.1 U	52	110	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	39	4 U	81	130	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	760	14	80	300	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	10	0.97 U	15	19	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	27	5.9 J	50	47	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	66	5.8 U	200	230	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	1.6 U	3.8 U	20 J	18 J	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	0.42 U	0.99 U	5.2 J	7.4 J	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	2200	64	5000	7100	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	260	11 U	650	1600	--	--	--	--	--	--	--	--
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	3.9 U	0.56 U	10 U	22 U	14	0.39 U	10 U	12	19.413	19.048	20	14
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	3.9 U	8	10 U	23 U	29	4.7 J	10 U	86	543.26	542.89	420	430
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	21	12	14	26 JB	11 U	41 U	30 U	18	0.73 U	6 J	18 U	17 U
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	570	130	240	64 JB	11 U	42 U	30 U	490	0.74 U	0.74 U	18 U	17 U
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE											TCLP METALS (MG/L)	
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	48	14	7.9	0.91 U	57 J	81	8.1 U	38	--	--	--	--
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	0.0088 JB	0.49 JB
E-SB-1399-0-1	E-SB-1399	0	1	20141113	820	24	110	5.4 J	10 U	500	8.2 U	1400	--	--	--	--
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)											
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	0.033 J	0.0045 JB	0.52 B	0.00009 U	0.01 JB	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	0.29 U	0.13 U	0.21 U	0.5 U	0.28 U	0.27 U	0.51 U	1.6 J	0.23 J	19 B	0.35 J	0.26 U
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	0.28 U	0.12 U	0.2 U	0.47 U	0.26 U	0.25 U	0.48 U	1 J	0.15 U	13 JB	0.32 U	0.24 U
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	0.28 U	0.2 U	0.12 U	0.93 U	--	0.52 U	1.2 JB	0.18 U	0.31 U	0.27 U	0.14 U	0.12 U
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	0.26 U	0.19 U	0.12 U	0.87 U	--	0.49 U	0.14 U	0.17 U	0.29 U	0.25 U	0.13 U	0.11 U
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	NORMAL
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	NORMAL
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	NORMAL
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	NORMAL
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	NORMAL
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	NORMAL
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	NORMAL
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	NORMAL
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	NORMAL
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	NORMAL
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	NORMAL
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	NORMAL
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	NORMAL
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	NORMAL
E-SB-1398-0-1	E-SB-1398	0	1	20141113	5.9 U	0.4 U	0.23 J	0.27 U	--	0.32 U	0.33 U	NORMAL
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	NORMAL
E-SB-1399-0-1	E-SB-1399	0	1	20141113	5.5 U	0.38 U	0.2 U	0.25 U	--	0.3 U	0.3 U	NORMAL
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	NORMAL
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	NORMAL
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	NORMAL
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	NORMAL
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	NORMAL
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	NORMAL
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	NORMAL
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	NORMAL
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	NORMAL
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	NORMAL
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	NORMAL
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	NORMAL
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	NORMAL
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	NORMAL
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	NORMAL
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	NORMAL

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE								MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS (UG/K
					SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G) HEXACHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	PCBS (UG/KG) AROCLOR-1016	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	--	--	--	14 U	13 U	9.3 U	16 U	10 U	12 U
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	13 U	12 U	9 U	16 U	10 U	11 U
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	14 U	13 U	9.5 U	17 U	11 U	12 U
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	14 U	12 U	9.1 U	16 U	10 U	11 U
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	15 U	14 U	10 U	18 U	35 J	13 U
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	14 U	13 U	9.3 U	16 U	11 J	12 U
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	14 U	13 U	9.3 U	16 U	10 U	12 U
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	280000 U	260000 U	190000 U	330000 U	4200000	240000 U
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	14 U	13 U	9.3 U	16 U	10 U	12 U
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	14 U	13 U	9.4 U	17 U	45	12 U
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	14 U	13 U	9.2 U	16 U	92	11 U
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	15 U	14 U	10 U	18 U	400	13 U
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	2900 U	2700 U	1900 U	3400 U	94000	2400 U
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	71 U	65 U	48 U	83 U	930	59 U
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	14 U	13 U	9.5 U	17 U	65	12 U
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	69000 U	64000 U	46000 U	81000 U	1000000	58000 U
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	15 U	13 U	9.7 U	17 U	11 U	12 U
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	14 U	13 U	9.2 U	16 U	120	12 U
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	14 U	12 U	9 U	16 U	10 U	11 U
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	14 U	13 U	9.7 U	17 U	78	12 U
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	14 U	13 U	9.4 U	16 U	11 U	12 U
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	14 U	13 U	9.1 U	16 U	10 U	11 U
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	14 U	13 U	9.4 U	16 U	11 J	12 U
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	14 U	13 U	9.2 U	16 U	10 U	12 U
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	7200 U	6600 U	4800 U	8500 U	71000	6000 U
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	280 U	260 U	190 U	330 U	5000	230 U
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	270 U	250 U	180 U	320 U	5600	230 U
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	14 U	13 U	9.2 U	16 U	86	11 U
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	14 U	13 U	9.3 U	16 U	26 J	12 U
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	14 U	13 U	9.6 U	17 U	48	12 U
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	140000 U	120000 U	91000 U	160000 U	530000	110000 U
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	14 U	13 U	9.3 U	16 U	10 U	12 U
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	140000 U	130000 U	92000 U	160000 U	4900000	110000 U

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1457-1-2	E-SB-1457	1	2	20160226	0 U	65.65	--	--	--	--	--	--	--	330	2 U	410
E-SB-1458-0-1	E-SB-1458	0	1	20160226	0 U	63	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	0 U	67.25	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	0 U	64.05	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	35	100.5	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	11	71.65	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	0 U	65.65	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	4200000	5430000	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	0 U	65.65	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	45	106.7	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	92	151.6	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	400	466	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	94000	106550	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	930	1239	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	65	126.75	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	1000000	1303000	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	0 U	68.35	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	36	10	80
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	310	260	930
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	0.93 U	0.43 U	0.95 U
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	95	55	230
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	190	490	940
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	0.85 U	0.39 U	0.87 U
E-SB-1483-0-1	E-SB-1483	0	1	20160229	120	180.1	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	0 U	64	--	--	--	--	--	--	--	0.85 U	0.39 U	0.87 U
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	1.3 U	0.59 U	15
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	130	170 J	400
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	120	94 J	410
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	110	210	440
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	49	12 J	110
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	590	51 J	1200
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	150	65	620
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	59	48	240
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	0.91 U	0.42 U	0.93 U
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	0.91 U	0.42 U	0.93 U
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	32	4.4 J	64
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	3400	19 U	5800
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	220	98	550
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	35	47	120
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	11	0.41 U	29
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	97	15	200
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	66	45	210
E-SB-1491-0-1	E-SB-1491	0	1	20160301	78	140.35	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	0 U	66.2	--	--	--	--	--	--	--	0.9 U	0.41 U	0.92 UJ
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	0 U	64.55	--	--	--	--	--	--	--	13	4.5 J	32 J
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	130	10	380
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	190	63	400
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	8.6	4.9 J	16
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	0.88 U	0.4 U	0.9 U
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	980	280	1900
E-SB-1493-0-1	E-SB-1493	0	1	20160301	11	71.7	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	0 U	65.1	--	--	--	--	--	--	--	0.9 U	0.42 U	0.93 U
E-SB-1494-0-2	E-SB-1494	0	2	20160331	71000	102350	--	--	--	--	--	--	--	52	97	150
E-SB-1495-0-2	E-SB-1495	0	2	20160331	5000	6215	--	--	--	--	--	--	--	2.2 U	1 U	2.3 U
E-SB-1496-0-2	E-SB-1496	0	2	20160331	5600	6775	--	--	--	--	--	--	--	650	190	1100
E-SB-1497-0-2	E-SB-1497	0	2	20160331	86	145.6	--	--	--	--	--	--	--	0.87 U	0.4 U	0.89 U
E-SB-1498-0-2	E-SB-1498	0	2	20160331	26	86.65	--	--	--	--	--	--	--	0.88 U	0.41 U	0.91 U
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	48	110.3	--	--	--	--	--	--	--	0.91 U	0.42 U	0.93 U
E-SB-1499-0-2	E-SB-1499	0	2	20160331	530000	1120500	--	--	--	--	--	--	--	3.5 U	1.6 U	3.6 U
E-SB-1500-0-2	E-SB-1500	0	2	20160331	0 U	65.65	--	--	--	--	--	--	--	1.7 U	0.8 U	1.8 U
E-SB-1501-0-2	E-SB-1501	0	2	20160304	4900000	5496000	--	--	--	--	--	--	--	6.2 J	0.39 U	0.88 U

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
				Units	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1457-1-2	E-SB-1457	1	2	20160226	602.42	602.42	--	560	420	520	180	190	520	55	930	160
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	503.435	503.06	--	320	390	620	160	270	360	0.75 U	560	25
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	6593.45	6589.2	--	4700	5000	9400	1400	3400	5200	8.5 U	8200	230
E-SB-1479-1-2	E-SB-1479	1	2	20160229	0.78 U	0.78 U	--	0.77 U	0.78 U	0.72 U	0.43 U	0.83 U	1.3 U	0.8 U	0.67 U	0.65 U
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	2271.5	2271.5	--	1400	1600	2900	510	1000	1500	180	2500	63
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	6200.4	6196.1	--	4200	4900	5500	4100	2100	5100	8.6 U	6400	270
E-SB-1482-1-2	E-SB-1482	1	2	20160229	1.4794	0.69	--	0.71 U	0.72 U	6.9 J	0.39 U	0.76 U	1.2 U	0.74 U	5.9 J	0.59 U
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	5.6389	5.21	--	0.7 U	4.5 J	7.1 J	0.39 U	0.76 U	1.2 U	0.74 U	12	0.59 U
E-SB-1484-1-2	E-SB-1484	1	2	20160229	94.689	94.139	--	63	73	110	28	57	69	1.1 U	110	0.89 U
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	3734.5	3734.5	--	2300	2700	4100	880	1700	2500	290 J	3700	110
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	2463.65	2462.1	--	1900	1900	3000	630	1100	2100	3.1 UJ	3800	140
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	3789.8	3789.8	--	2300	2700	4200	1000	1500	2800	330	3800	120
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	991.21	991.21	--	640	640	950	560	250	710	140	1300	36
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	5986.7	5986.7	--	4500	3800	5600	3000	2200	4700	880	9900	410
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	5148.4	5148.4	--	3100	3300	4700	2900	1500	3400	790	6100	90
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	2358.2	2358.2	--	1400	1500	2200	1400	660	1600	360	2600	48
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	0.77 U	0.77 U	--	0.75 U	0.77 U	0.71 U	0.42 U	0.81 U	1.3 U	0.79 U	0.66 U	0.63 U
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	0.77 U	0.77 U	--	0.75 U	0.77 U	0.71 U	0.42 U	0.81 U	1.3 U	0.79 U	0.66 U	0.63 U
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	463.87	463.87	--	340	290	460	250	150	370	70	660	18
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	18869	18869	--	15000	12000	18000	9000	6400	15000	2700	36000	2600
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	3173.4	3173.4	--	2100	2100	2800	1800	1100	2400	420	4200	170
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	1046.02	1046.02	--	690	690	910	620	420	820	140	1300	29
E-SB-1490-1-2	E-SB-1490	1	2	20160301	185.76	185.76	--	140	120	180	99	51	150	25	300	9.9
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	1062.32	1062.32	--	730	680	990	540	350	820	160	1600	73
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	1686	1686	--	1000	1100	1400	940	580	1200	260	2100	56
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	9.139	8.7285	--	6.2 J	7.1 J	9.7 J	4.7 J	3.1 J	7.5 J	0.78 UJ	12 J	0.63 U
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	198.35	198.35	--	150 J	130 J	200 J	110 J	78 J	170 J	24 J	330 J	9.4
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	1250.6	1250.6	--	1300	790	1300	490	440	1200	150	3100	170
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	2943.1	2943.1	--	1900	1900	2700	1600	1100	2100	440	3800	130
E-SB-1492-1-2	E-SB-1492	1	2	20160301	153.47	153.47	--	100	100	150	100	55	120	20	200	4.9 J
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	10.261	9.881	--	8.2	7.3 J	8.9	9.5	4.1 J	10	0.76 U	13	0.61 U
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	11687.6	11687.6	--	8000	7600	11000	6100	3900	8600	1600	16000	740
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.42 U	0.81 U	1.3 U	0.78 U	4.6 J	0.63 U
E-SB-1494-0-2	E-SB-1494	0	2	20160331	1096.38	1096.38	--	670	740	880	600	360	780	150	900	54
E-SB-1495-0-2	E-SB-1495	0	2	20160331	1.9 U	1.9 U	--	1.9 U	1.9 U	1.7 U	1 U	2 U	3.2 U	1.9 U	1.6 U	1.6 U
E-SB-1496-0-2	E-SB-1496	0	2	20160331	8806.3	8806.3	--	5700	5800	8300	4000	3000	6300	1200	11000	630
E-SB-1497-0-2	E-SB-1497	0	2	20160331	0.73 U	0.73 U	--	0.72 U	0.73 U	0.67 U	0.4 U	0.78 U	1.3 U	0.75 U	0.63 U	0.6 U
E-SB-1498-0-2	E-SB-1498	0	2	20160331	0.74 U	0.74 U	--	0.73 U	0.74 U	0.69 U	0.41 U	0.79 U	1.3 U	0.77 U	4 J	0.62 U
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	1.9757	1.17	--	5.3 J	0.77 U	6.4 J	0.42 U	0.81 U	1.3 U	0.79 U	7.3 J	0.63 U
E-SB-1499-0-2	E-SB-1499	0	2	20160331	39.219	37.719	--	28 J	30 J	29 J	25 J	16 J	59	3 U	47	2.4 U
E-SB-1500-0-2	E-SB-1500	0	2	20160331	1.5 U	1.5 U	--	1.4 U	1.5 U	1.4 U	0.8 U	1.6 U	2.5 U	1.5 U	1.3 U	1.2 U
E-SB-1501-0-2	E-SB-1501	0	2	20160304	2.4894	1.7	--	0.71 U	0.72 U	17	0.39 U	0.76 U	1.2 U	0.74 U	0.62 U	0.6 U

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1457-1-2	E-SB-1457	1	2	20160226	170	54	840	930	6269	6270	--	--	--	--	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	160	5.4 J	270	500	3766.4	3766.78	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	1400	140	3300	9200	53070	53074.3	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	0.43 U	1 U	0.89 U	0.54 U	0 U	6.06	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	500	32	910	2400	15875	15875	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	3000	380	2900	9400	49870	49874.3	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	0.39 U	0.92 U	0.82 U	6.4 J	19.2	23.875	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	0.39 U	0.92 U	5.1 J	10	38.7	42.6	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	32	1.4 U	56	120	733	735.64	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	850	130	1500	4700	26160	26160	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	590	94	1800	4100	21778	21779.6	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	920	190	1700	5300	27620	27620	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	490	10 J	540	1100	7537	7537	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	2700	96	5200	7800	52627	52627	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	2600	34 J	2100	4600	36049	36049	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	1300	20 J	820	2200	16455	16455	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	0.42 U	0.98 U	0.87 U	0.53 U	0 U	5.95	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	0.42 U	0.98 U	0.87 U	0.53 U	0 U	5.95	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	220	7.8 J	320	560	3816.2	3816.2	--	--	--	--	--	--
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	7900	2800	23000	26000	185600	185610	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	1500	98	2000	3900	25456	25456	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	510	28	460	1400	8219	8219	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	81	0.96 U	130	260	1585.9	1586.59	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	460	30	830	1300	8875	8875	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	790	29	830	1900	12506	12506	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	0.41 UJ	0.97 U	5.2 J	7.2 J	62.7	65.21	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	84 J	4.5 J	150 J	290 J	1779.4	1779.4	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	450	15	2000	2400	14325	14325	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	1300	43	1700	3300	22666	22666	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	78	3.7 J	75	190	1226.1	1226.1	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	8.2	0.95 U	5.3 J	9.1	83.6	85.85	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	5400	250	8100	13000	93450	93450	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	0.42 U	0.97 U	0.87 U	0.52 U	4.6	10.19	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	470	47	440	1200	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	1 U	2.4 U	2.1 U	1.3 U	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	3700	350	7800	10000	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	0.4 U	0.94 U	0.83 U	0.5 U	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	0.41 U	0.95 U	0.85 U	0.51 U	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	0.42 U	0.98 U	5.6 J	5 J	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	18 J	3.8 U	48	57	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	0.8 U	1.9 U	1.7 U	1 U	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	0.39 U	0.92 U	0.82 U	0.49 U	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE											TCLP METALS (MG/L)	
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE						TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)						
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	--	--	6.4 NJ	8.6 NJ	--	--	13 NJ	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	12 NJ	--	--	--	--	--	--	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	12 NJ	--	--	7.6 NJ	4.8 NJ	4.6 NJ	5.1 NJ	--	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1457-1-2	E-SB-1457	1	2	20160226	0.42 U	0.39 U	0.7 U	0.61 J	0.87 J	0.58 U	1.2 J	2.1 J	0.34 U	17 U	3.5 J	0.45 U
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1457-1-2	E-SB-1457	1	2	20160226	0.24 U	1.1 J	0.44 J	1.8 J	--	0.62 U	73	0.5 U	0.5 U	0.71 J	0.77 U	0.34 U
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
E-SB-1457-1-2	E-SB-1457	1	2	20160226	4.8 U	0.67 U	1.5 J	2.5 J	2.51	0.27 U	0.32 U	NORMAL
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	NORMAL
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	NORMAL
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	NORMAL
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	NORMAL
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	NORMAL
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	NORMAL
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	NORMAL
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	NORMAL
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	NORMAL
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	NORMAL
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	NORMAL
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	NORMAL
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	NORMAL
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	NORMAL
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	NORMAL
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	NORMAL
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	NORMAL
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	NORMAL
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	NORMAL
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	NORMAL
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	NORMAL
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	NORMAL
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	NORMAL
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	NORMAL
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	NORMAL
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	NORMAL
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	NORMAL
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	NORMAL
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	NORMAL
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	NORMAL
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	NORMAL
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	NORMAL
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	NORMAL
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	NORMAL
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	NORMAL
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	NORMAL
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	NORMAL
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	NORMAL

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE								MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS (UG/K
					SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	0.011 U	0.038	1.2	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	0.011 U	0.011 U	0.8 J	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	0.01 U	0.014 J	1.3 J	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	0.63 U	39 J	1100 J	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	1.3 J	120 J	2500 J	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	0.011 U	0.019 J	0.78	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	0.011 U	0.011 U	0.72	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	0.01 U	0.01 U	0.82 J	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G)						PCBS (UG/KG)					
					HEXACHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	14 U	13 U	9.3 U	16 U	78	12 U
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	700 U	650 U	470 U	820 U	2200	590 U
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	14 U	13 U	9.2 U	16 U	18 J	12 U
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	14 U	13 U	9.4 U	16 U	40	12 U
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	68 U	63 U	45 U	80 U	210	57 U
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	25000 U	23000 U	17000 U	29000 U	800000	21000 U
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	14 U	13 U	9.6 U	17 U	28 J	12 U
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	14 U	13 U	9.1 U	16 U	25 J	11 U
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	14 U	13 U	9.5 U	17 U	58	12 U
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	14 U	13 U	9.3 U	16 U	28 J	12 U
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	13 U	12 U	9 U	16 U	48 J	11 U
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	14 U	13 U	9.2 U	16 U	10 U	11 U
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	14 U	13 U	9.3 U	16 U	10 U	12 U
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	14 U	13 U	9.2 U	16 U	10 U	12 U
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	75 U	69 U	50 U	87 U	640	62 U
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	13 U	12 U	8.9 U	16 U	13 J	11 U
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	13 U	12 U	8.9 U	16 U	12 J	11 U
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	71 U	65 U	47 U	83 U	510	59 U
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	14 U	13 U	9.6 U	17 U	29 J	12 U
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	140 U	130 U	94 U	160 U	2500	120 U
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	13 U	12 U	8.9 U	16 U	10 U	11 U
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	14 U	13 U	9.3 U	16 U	58	12 U
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	14 U	13 U	9.5 U	17 U	11 U	12 U
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	150 U	130 U	97 U	170 U	1500	120 U
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	14 U	13 U	9.2 U	16 U	27 J	12 U
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	14 U	13 U	9.5 U	17 U	11 U	12 U
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	15 U	13 U	9.7 U	17 U	11 U	12 U
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	290 U	260 U	190 U	340 U	2200	240 U
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	14 U	13 U	9.2 U	16 U	10 U	12 U
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	15 U	14 U	9.8 U	17 U	11 U	12 U
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	72 U	66 U	48 U	83 U	910	60 U
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	14 U	13 U	9.3 U	16 U	10 U	12 U
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	300 U	280 U	200 U	350 U	4200	250 U
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	14 U	13 U	9.6 U	17 U	66	12 U
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	13 U	12 U	8.8 U	15 U	27 J	11 U
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	14 U	13 U	9.1 U	16 U	170	11 U
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	15 U	13 U	9.7 U	17 U	150	12 U
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	14 U	12 U	9 U	16 U	130	11 U
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	6700 U	6100 U	4500 U	7800 U	60000	5600 U
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	14 U	12 U	9.1 U	16 U	44	11 U
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	13 U	12 U	9 U	16 U	17 J	11 U
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	14 U	12 U	9.1 U	16 U	48	11 U
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	15 U	13 U	9.7 U	17 U	33 J	12 U
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	28 U	23 U	20 U	16 U	21 U	9.4 U
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	130 U	110 U	93 U	77 U	2000 J	44 U
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	28 U	24 U	20 U	17 U	21 U	9.5 U
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	28 U	24 U	20 U	16 U	21 U	9.4 U
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	28 U	23 U	20 U	16 U	21 U	9.3 U
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	28 U	24 U	20 U	16 U	21 U	9.4 U
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	28 U	23 U	20 U	16 U	21 U	9.4 U
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	26 U	22 U	19 U	15 U	160	8.8 U
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	27 U	23 U	19 U	16 U	53 J	9.1 U
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	29 U	25 U	21 U	17 U	590	9.8 U
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	3100 U	2600 U	2200 U	1800 U	49000 J	1000 U
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	6500 U	5400 U	4600 U	3800 U	88000 J	2200 U
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	27000 U	22000 U	19000 U	16000 U	750000	9000 U
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	28 U	24 U	20 U	17 U	230	9.5 U
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	28 U	23 U	19 U	16 U	81	9.2 U

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1502-0-2	E-SB-1502	0	2	20160307	78	138.65	--	--	--	--	--	--	--	0.88 U	0.4 U	0.9 U
E-SB-1503-0-2	E-SB-1503	0	2	20160307	2200	5265	--	--	--	--	--	--	--	0.9 U	0.42 U	0.93 U
E-SB-1504-0-2	E-SB-1504	0	2	20160304	18	78.1	--	--	--	--	--	--	--	0.88 U	0.41 U	0.9 U
E-SB-1505-0-2	E-SB-1505	0	2	20160304	40	100.7	--	--	--	--	--	--	--	0.89 U	0.41 U	0.92 U
E-SB-1506-0-2	E-SB-1506	0	2	20160304	210	504	--	--	--	--	--	--	--	0.86 U	0.4 U	0.88 U
E-SB-1507-0-2	E-SB-1507	0	2	20160304	800000	909000	--	--	--	--	--	--	--	0.79 U	0.36 U	0.81 U
E-SB-1508-0-2	E-SB-1508	0	2	20160304	28	90.3	--	--	--	--	--	--	--	0.9 U	0.41 U	0.92 U
E-SB-1509-0-2	E-SB-1509	0	2	20160304	25	84.55	--	--	--	--	--	--	--	0.86 U	0.4 U	0.89 U
E-SB-1510-0-2	E-SB-1510	0	2	20160307	58	119.75	--	--	--	--	--	--	--	0.9 U	0.42 U	0.93 U
E-SB-1511-0-2	E-SB-1511	0	2	20160304	28	88.65	--	--	--	--	--	--	--	0.89 U	0.41 U	0.91 U
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	32	0.4 U	53
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	66	0.38 U	110
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	0.92 U
E-SB-1518-0-1	E-SB-1518	0	1	20160307	48	106	--	--	--	--	--	--	--	630	120	1200
E-SB-1518-1-2	E-SB-1518	1	2	20160307	0 U	64.6	--	--	--	--	--	--	--	0.86 U	4.5 J	7.3 J
E-SB-1519-0-1	E-SB-1519	0	1	20160307	0 U	65.65	--	--	--	--	--	--	--	0.9 U	0.42 U	6.1 J
E-SB-1519-1-2	E-SB-1519	1	2	20160307	0 U	65.1	--	--	--	--	--	--	--	0.87 U	0.4 U	0.89 U
E-SB-1520-0-1	E-SB-1520	0	1	20160307	640	962	--	--	--	--	--	--	--	160	120	460
E-SB-1520-1-2	E-SB-1520	1	2	20160307	13	70.45	--	--	--	--	--	--	--	0.84 U	0.39 U	0.87 U
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	12	69.95	--	--	--	--	--	--	--	0.83 U	0.38 U	0.85 U
E-SB-1521-0-1	E-SB-1521	0	1	20160307	510	818.5	--	--	--	--	--	--	--	74	66	260
E-SB-1521-1-2	E-SB-1521	1	2	20160307	29	91.3	--	--	--	--	--	--	--	440	25 J	860
E-SB-1522-0-1	E-SB-1522	0	1	20160307	2500	3112	--	--	--	--	--	--	--	760	280	2500
E-SB-1522-1-2	E-SB-1522	1	2	20160307	0 U	62.45	--	--	--	--	--	--	--	26	7.3 J	87
E-SB-1523-0-1	E-SB-1523	0	1	20160307	58	118.65	--	--	--	--	--	--	--	0.87 U	0.4 U	0.89 U
E-SB-1523-1-2	E-SB-1523	1	2	20160307	0 U	67.25	--	--	--	--	--	--	--	0.89 U	0.41 U	0.92 U
E-SB-1524-0-1	E-SB-1524	0	1	20160308	1500	2128.5	--	--	--	--	--	--	--	29	22	70
E-SB-1524-1-2	E-SB-1524	1	2	20160308	27	87.1	--	--	--	--	--	--	--	0.87 U	0.4 U	0.89 U
E-SB-1525-0-1	E-SB-1525	0	1	20160308	0 U	67.25	--	--	--	--	--	--	--	0.89 U	0.41 U	0.91 U
E-SB-1525-1-2	E-SB-1525	1	2	20160308	0 U	68.35	--	--	--	--	--	--	--	0.92 U	0.42 U	4.7 J
E-SB-1526-0-1	E-SB-1526	0	1	20160308	2200	3445	--	--	--	--	--	--	--	28	63	110
E-SB-1526-1-2	E-SB-1526	1	2	20160308	0 U	65.1	--	--	--	--	--	--	--	0.88 U	0.41 U	0.91 U
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	0 U	69.9	--	--	--	--	--	--	--	0.93 U	0.43 U	0.95 U
E-SB-1527-0-1	E-SB-1527	0	1	20160308	910	1221	--	--	--	--	--	--	--	26	54	140
E-SB-1527-1-2	E-SB-1527	1	2	20160308	0 U	65.65	--	--	--	--	--	--	--	0.88 U	0.41 U	0.9 U
E-SB-1528-0-1	E-SB-1528	0	1	20160308	4200	5505	--	--	--	--	--	--	--	560	350	2000
E-SB-1528-1-2	E-SB-1528	1	2	20160308	66	128.3	--	--	--	--	--	--	--	46	30	140
E-SB-1529-0-1	E-SB-1529	0	1	20160307	27	83.9	--	--	--	--	--	--	--	0.83 U	0.38 U	0.85 U
E-SB-1529-1-2	E-SB-1529	1	2	20160307	170	229.55	--	--	--	--	--	--	--	0.88 U	0.4 U	0.9 U
E-SB-1530-0-2	E-SB-1530	0	2	20160303	150	212.85	--	--	--	--	--	--	--	0.93 U	0.43 U	0.96 U
E-SB-1531-0-2	E-SB-1531	0	2	20160303	130	189	--	--	--	--	--	--	--	0.85 U	0.39 U	0.87 U
E-SB-1532-0-2	E-SB-1532	0	2	20160303	60000	88950	--	--	--	--	--	--	--	74	7.7	150
E-SB-1533-0-2	E-SB-1533	0	2	20160303	44	103.05	--	--	--	--	--	--	--	0.86 U	0.39 U	0.88 U
E-SB-1534-0-2	E-SB-1534	0	2	20160303	17	75	--	--	--	--	--	--	--	0.86 U	0.39 U	0.88 U
E-SB-1535-0-2	E-SB-1535	0	2	20160303	48	107.05	--	--	--	--	--	--	--	0.86 U	0.4 U	0.88 U
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	33	95.85	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	0 U	93.2	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	2000	2391	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	0 U	94.75	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	0 U	94.2	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	0 U	94.2	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	0 U	93.2	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	160	237.9	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	53	133.55	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	590	677.4	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	49000	58200	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	88000	107200	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	750000	829500	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	230	314.25	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	81	162.1	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1502-0-2	E-SB-1502	0	2	20160307	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.4 U	0.79 U	1.3 U	0.76 U	0.64 U	0.61 U
E-SB-1503-0-2	E-SB-1503	0	2	20160307	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.42 U	0.81 U	1.3 U	0.78 U	0.65 U	0.63 U
E-SB-1504-0-2	E-SB-1504	0	2	20160304	1.3916	0.58	--	0.73 U	0.74 U	5.8 J	0.41 U	0.79 U	1.3 U	0.76 U	5.9 J	0.61 U
E-SB-1505-0-2	E-SB-1505	0	2	20160304	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.78 U	0.65 U	0.62 U
E-SB-1506-0-2	E-SB-1506	0	2	20160304	0.72 U	0.72 U	--	0.71 U	0.72 U	0.67 U	0.4 U	0.77 U	1.2 U	0.75 U	0.62 U	0.6 U
E-SB-1507-0-2	E-SB-1507	0	2	20160304	0.66 U	0.66 U	--	0.65 U	0.66 U	0.61 U	0.36 U	0.7 U	1.1 U	0.68 U	0.57 U	0.55 U
E-SB-1508-0-2	E-SB-1508	0	2	20160304	0.76 U	0.76 U	--	0.74 U	0.76 U	0.7 U	0.41 U	0.8 U	1.3 U	0.78 U	0.65 U	0.63 U
E-SB-1509-0-2	E-SB-1509	0	2	20160304	0.73 U	0.73 U	--	0.72 U	0.73 U	0.67 U	0.4 U	0.77 U	1.2 U	0.75 U	0.62 U	0.6 U
E-SB-1510-0-2	E-SB-1510	0	2	20160307	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.42 U	0.81 U	1.3 U	0.78 U	0.65 U	0.63 U
E-SB-1511-0-2	E-SB-1511	0	2	20160304	0.75 U	0.75 U	--	0.73 U	0.75 U	0.69 U	0.41 U	0.79 U	1.3 U	0.77 U	0.64 U	0.62 U
E-SB-1513-0-2	E-SB-1513	0	2	20160302	165.03	165.03	--	110	110	140	69	61	120	23	240	35
E-SB-1514-0-2	E-SB-1514	0	2	20160302	106.828	106.828	--	53	68	89	48	36	68	20	240	120
E-SB-1515-0-2	E-SB-1515	0	2	20160302	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.77 U	0.65 U	0.62 U
E-SB-1518-0-1	E-SB-1518	0	1	20160307	6422.9	6422.9	--	4600	4400	6200	2200	2800	4900	700	9900	450
E-SB-1518-1-2	E-SB-1518	1	2	20160307	54.665	54.29	--	35	42	69	15	25	40	0.75 U	57	0.6 U
E-SB-1519-0-1	E-SB-1519	0	1	20160307	56.407	56.017	--	38	43	63	36	26	57	0.78 U	63	0.63 U
E-SB-1519-1-2	E-SB-1519	1	2	20160307	0.73 U	0.73 U	--	0.72 U	0.73 U	0.68 U	0.4 U	0.78 U	1.3 U	0.76 U	0.63 U	0.61 U
E-SB-1520-0-1	E-SB-1520	0	1	20160307	2956.7	2953.9	--	2400	2300	2900	1400	1100	2900	5.6 U	4100	180
E-SB-1520-1-2	E-SB-1520	1	2	20160307	13.7785	13.394	--	9.1	11	14	0.39 U	7.2 J	12	0.73 U	15	0.59 U
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	17.771	17.392	--	14	14	19	11	7.4	18	0.72 U	25	0.58 U
E-SB-1521-0-1	E-SB-1521	0	1	20160307	2056.15	2054.2	--	1700	1600	1900	1000	910	2100	3.9 U	2700	80
E-SB-1521-1-2	E-SB-1521	1	2	20160307	4281.8	4281.8	--	2800	2900	3900	1700	1900	2800	540	5400	370
E-SB-1522-0-1	E-SB-1522	0	1	20160307	7908.9	7900.9	--	7200	6200	7000	2800	3300	7900	16 U	12000	1000
E-SB-1522-1-2	E-SB-1522	1	2	20160307	217.9	217.53	--	190	170	190	100	92	210	0.74 U	320	39
E-SB-1523-0-1	E-SB-1523	0	1	20160307	23.898	23.518	--	16	18	25	15	9.8	20	0.76 U	29	0.61 U
E-SB-1523-1-2	E-SB-1523	1	2	20160307	14.2255	13.811	--	11	11	17	0.41 U	0.8 U	11	0.78 U	18	0.62 U
E-SB-1524-0-1	E-SB-1524	0	1	20160308	674.375	673.97	--	460	520	850	200	340	570	0.81 U	980	23
E-SB-1524-1-2	E-SB-1524	1	2	20160308	0.73 U	0.73 U	--	0.72 U	0.73 U	0.67 U	0.4 U	0.77 U	1.3 U	0.75 U	5.3 J	0.6 U
E-SB-1525-0-1	E-SB-1525	0	1	20160308	20.8185	20.413	--	17	17	16	11	9	23	0.77 U	28	0.62 U
E-SB-1525-1-2	E-SB-1525	1	2	20160308	42.685	42.285	--	34	33	43	16	14	45	0.8 U	54	0.64 U
E-SB-1526-0-1	E-SB-1526	0	1	20160308	1119.5	1118.7	--	810	850	1500	350	560	1100	1.6 U	1400	27
E-SB-1526-1-2	E-SB-1526	1	2	20160308	1.32825	0.5148	--	5.1 J	0.74 U	0.68 U	0.41 U	0.79 U	4.8 J	0.77 U	6.6 J	0.62 U
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	0.78 U	0.78 U	--	0.77 U	0.78 U	0.72 U	0.43 U	0.83 U	1.3 U	0.81 U	4.9 J	0.65 U
E-SB-1527-0-1	E-SB-1527	0	1	20160308	1290.6	1289.6	--	970	1000	1500	400	640	1200	2 U	1700	33
E-SB-1527-1-2	E-SB-1527	1	2	20160308	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.41 U	0.79 U	1.3 U	0.77 U	0.64 U	0.61 U
E-SB-1528-0-1	E-SB-1528	0	1	20160308	12485.5	12477	--	11000	9600	14000	3400	5400	13000	17 U	17000	680
E-SB-1528-1-2	E-SB-1528	1	2	20160308	901.3	900.5	--	770	700	950	260	360	900	1.6 U	1300	39
E-SB-1529-0-1	E-SB-1529	0	1	20160307	0.7 U	0.7 U	--	0.69 U	0.7 U	0.64 U	0.38 U	0.74 U	1.2 U	0.72 U	0.6 U	0.58 U
E-SB-1529-1-2	E-SB-1529	1	2	20160307	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.4 U	0.78 U	1.3 U	0.76 U	0.63 U	0.61 U
E-SB-1530-0-2	E-SB-1530	0	2	20160303	29.58	29.175	--	22	22	36	13	15	25	0.81 U	36	0.65 U
E-SB-1531-0-2	E-SB-1531	0	2	20160303	1.7039	0.95	--	4.6 J	0.72 U	4.9 J	0.39 U	0.76 U	1.2 U	0.74 U	5.8 J	0.59 U
E-SB-1532-0-2	E-SB-1532	0	2	20160303	1069.6	1069.6	--	670	720	1100	390	390	700	130	1300	44
E-SB-1533-0-2	E-SB-1533	0	2	20160303	0.72 U	0.72 U	--	0.71 U	0.72 U	0.66 U	0.39 U	0.77 U	1.2 U	0.74 U	4 J	0.6 U
E-SB-1534-0-2	E-SB-1534	0	2	20160303	0.72 U	0.72 U	--	0.71 U	0.72 U	0.66 U	0.39 U	0.77 U	1.2 U	0.74 U	0.62 U	0.6 U
E-SB-1535-0-2	E-SB-1535	0	2	20160303	9.9158	9.5408	--	6.9 J	7.1 J	12	5.7 J	6.1 J	9.8	0.75 U	15	0.6 U
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE												
												RADIONUCLIDES (PCI/G)				
					INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1502-0-2	E-SB-1502	0	2	20160307	0.4 U	0.95 U	0.84 U	0.51 U	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	0.42 U	0.97 U	0.87 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	0.41 U	0.95 U	0.85 U	0.51 U	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	0.41 U	0.96 U	0.86 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	0.4 U	0.93 U	0.83 U	0.5 U	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	0.36 U	0.85 U	0.76 U	0.46 U	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	0.41 U	0.97 U	0.86 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	0.4 U	0.93 U	0.83 U	0.5 U	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	0.42 U	0.97 U	0.87 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	0.41 U	0.96 U	0.85 U	0.51 U	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	63	12	100	170	1338	1338.2	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	42	30	430	150	1570	1570.19	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	0.41 U	0.96 U	0.86 U	0.52 U	0 U	5.85	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	2100	150	5600	8300	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	16	4.8 J	51	52	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	26	0.97 U	31	73	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	0.4 U	0.94 U	0.84 U	0.5 U	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	1100	120	3000	5600	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	0.39 U	0.91 U	7 J	22	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	0.38 U	0.9 U	12	30	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	830	85	1500	3800	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	1500	180	3000	4200	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	2400	290	9600	17000	--	--	--	--	--	--	--	--
E-SB-1522-1-2	E-SB-1522	1	2	20160307	84	17	300	420	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	13	0.94 U	16	26	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	0.41 U	0.96 U	13	16	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	190	18	460	960	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	0.4 U	0.93 U	0.83 U	6.6 J	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	0.41 U	0.96 U	19	42	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	14	0.99 U	34	81	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	310	51	590	1800	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	0.41 U	0.95 U	0.85 U	9.6	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	0.43 U	1 U	0.89 U	5.9 J	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	350	55	710	2300	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	0.41 U	0.95 U	0.85 U	4.1 J	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	3100	640	11000	26000	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	240	35	690	1600	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	0.38 U	0.89 U	0.79 U	0.48 U	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	0.4 U	0.95 U	0.84 U	0.51 U	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	12	1 U	15	37	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	0.39 U	4 J	5.1 J	5.5 J	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	380	8.4	580	1000	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	0.39 U	0.92 U	0.82 U	0.5 U	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	0.39 U	0.92 U	0.82 U	0.5 U	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	4.8 J	0.93 U	6.3 J	13	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	0.664	0.494 J	0.563	--	3.91 U	0.0825	--	0.00409 U	0.387
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	0.83	1.13 J	0.86	--	0.81 U	0.0141 U	--	0.00014 U	0.269 J
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	0.766	0.896 J	0.957	--	0.312 U	0.0302	--	0.00325 U	0.429 J
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	4.34	6.84	3.86	--	2500	84.1 J	--	7.24 U	372 J
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	4.9	6.43	4.45	--	8000	256 J	--	17.8	855 J
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	0.284	0.614	0.292	--	1.86 U	0.0403	--	0.00397 U	0.262
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	0.951	0.861	0.959	--	-0.0926 U	0.0128 U	--	-0.00526 U	0.243
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	0.793	0.767	1	--	-0.284 U	0.0138 U	--	-0.00295 U	0.276 J

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE											TCLP METALS (MG/L)	
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)											
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	0.41 U	0.38 U	0.31 U	0.47 U	0.28 U	0.56 U	0.23 U	0.91 U	0.33 U	7.5 J	0.48 U	0.43 U
E-SB-1514-0-2	E-SB-1514	0	2	20160302	0.39 U	0.36 U	0.29 U	0.45 U	0.26 U	0.53 U	0.22 U	0.87 U	0.32 U	4.4 J	0.46 UJ	0.41 U
E-SB-1515-0-2	E-SB-1515	0	2	20160302	30 U	10 U	23 U	10 U	15 U	23 U	32 U	56 U	19 U	170 U	43 U	10 U
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	3.2 J	0.26 U	0.16 U	0.34 U	--	0.6 U	0.29 U	0.48 U	0.49 U	0.47 U	0.74 U	0.33 U
E-SB-1514-0-2	E-SB-1514	0	2	20160302	28	0.25 U	0.15 U	0.33 U	--	0.57 U	0.27 U	0.46 U	0.46 U	0.44 U	0.7 U	0.31 U
E-SB-1515-0-2	E-SB-1515	0	2	20160302	1700	27 U	10 U	15 U	--	67 J	20 U	16 U	47 U	13 U	12 U	21 U
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	NORMAL
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	NORMAL
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	NORMAL
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	NORMAL
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	NORMAL
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	NORMAL
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	NORMAL
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	NORMAL
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	NORMAL
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	NORMAL
E-SB-1513-0-2	E-SB-1513	0	2	20160302	4.7 U	0.65 U	0.22 U	0.44 U	0 U	0.36 J	1.6 J	NORMAL
E-SB-1514-0-2	E-SB-1514	0	2	20160302	4.4 U	0.62 U	0.21 U	0.42 U	0 U	0.38 J	0.29 U	NORMAL
E-SB-1515-0-2	E-SB-1515	0	2	20160302	650 U	21 U	24 U	25 U	0 U	20 U	1400	NORMAL
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	NORMAL
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	NORMAL
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	NORMAL
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	NORMAL
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	NORMAL
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	NORMAL
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	NORMAL
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	NORMAL
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	NORMAL
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	NORMAL
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	NORMAL
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	NORMAL
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	NORMAL
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	NORMAL
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	NORMAL
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	NORMAL
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	NORMAL
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	NORMAL
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	NORMAL
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	NORMAL
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	NORMAL
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	NORMAL
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	NORMAL
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	NORMAL
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	NORMAL
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	NORMAL
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	NORMAL
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	NORMAL
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	NORMAL
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	NORMAL
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	NORMAL
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	NORMAL
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	NORMAL
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	NORMAL
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	NORMAL
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	NORMAL
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	NORMAL
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	NORMAL
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	NORMAL
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	NORMAL
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	NORMAL
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	NORMAL
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	NORMAL
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	NORMAL
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	NORMAL
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	NORMAL
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	NORMAL
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	NORMAL

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE								MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS (UG/K
					SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	0.01 U	0.018 J	2.3 J	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	0.01 U	0.027	1.8	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	0.011 U	0.011 U	0.29 J	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	0.01 U	0.01 U	0.59	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G)						PCBS (UG/KG)					
					HEXACHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	27 U	22 U	19 U	16 U	20 U	8.9 U
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	28 U	23 U	20 U	16 U	1300	9.2 U
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	27 U	23 U	19 U	16 U	120	9.1 U
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	28 U	24 U	20 U	16 U	180	9.4 U
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	1400 U	1200 U	990 U	810 U	110000 J	470 U
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	280000 U	230000 U	200000 U	160000 U	4500000	92000 U
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	140 U	110 U	96 U	79 U	2100 J	45 U
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	27 U	22 U	19 U	15 U	97 J	8.8 U
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	27000 U	22000 U	19000 U	16000 U	460000 J	9000 U
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	140 U	120 U	98 U	81 U	5200 J	46 U
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	27 U	22 U	19 U	16 U	20 U	8.9 U
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	27 U	23 U	19 U	23 J	20 U	9 U
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	580 U	480 U	410 U	340 U	13000	190 U
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	5300 U	4400 U	3800 U	3100 U	110000	1800 U
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	28 U	23 U	20 U	16 U	990	9.3 U
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	28 U	23 U	20 U	16 U	130	9.2 U
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	300 U	250 U	210 U	170 U	12000	99 U
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	28 U	23 U	20 U	16 U	810	9.4 U
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	29 U	24 U	20 U	630	21 U	9.5 U
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	2800 U	2300 U	2000 U	1600 U	46000	920 U
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	27 U	23 U	19 U	39 J	20 U	9.1 U
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	140 U	110 U	98 U	80 U	4100	46 U
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	270 U	230 U	190 U	160 U	6500	90 U
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	270 U	220 U	190 U	160 U	7100	90 U
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	26 U	22 U	19 U	15 U	36 J	8.8 U
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	550 U	460 U	390 U	320 U	38000	180 U
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	560 U	460 U	390 U	320 U	22000	190 U
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	130 U	110 U	95 U	78 U	2900	44 U
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	140 U	110 U	97 U	80 U	4800	45 U
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	660 U	550 U	470 U	380 U	12000	220 U
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	280 U	230 U	200 U	160 U	7600	92 U
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	550 U	460 U	390 U	19000	420 U	180 U
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	270 U	230 U	190 U	7700	200 U	91 U
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1550-0-2	E-SB-1550	0	2	20170110	0 U	89.45	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	1300	1382.1	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	120	200.55	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	180	263.7	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	110000	114150	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	4500000	5316000	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	2100	2500	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	97	175.4	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	460000	539500	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	5200	5613.5	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	0 U	88.95	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	23	105.5	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	13000	14705	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	110000	125700	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	990	1072.65	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	130	211.6	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	12000	12879.5	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	810	892.7	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	630	716.75	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	46000	54210	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	39	121.55	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	4100	4503	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	6500	7305	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	7100	7895	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	36	113.9	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	38000	39630	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	22000	23640	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	2900	3293	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	4800	5201.5	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	12000	13950	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	7600	8421	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	19000	20680	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	7700	8525.5	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	0.88 U	0.41 U	0.9 U
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	0.9 U	0.41 U	0.92 U
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	0.91 U	0.42 U	0.93 U
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	0.91 U
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	0.87 U	0.4 U	11
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	0.85 U	0.39 U	0.87 U
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	0.91 U
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	0.93 U	0.43 U	0.96 U
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	0.87 U	0.4 U	0.89 U
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	0.9 U	0.41 U	0.92 U
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	0.88 U	0.41 U	0.9 U
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	0.88 U	0.41 U	0.91 U
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	0.87 U	0.4 U	0.9 U
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	0.91 U	0.42 U	0.93 U
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	0.92 U
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	10	0.4 U	0.9 U

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	1.75945	0.985	--	5.5 J	0.74 U	4.2 J	0.41 U	0.79 U	15	0.76 U	12	0.61 U
E-SB-1634-1-2	E-SB-1634	1	2	20170127	0.75 U	0.75 U	--	0.74 U	0.75 U	0.7 U	0.41 U	0.8 U	1.3 U	0.78 U	0.65 U	0.62 U
E-SB-1635-0-1	E-SB-1635	0	1	20170127	0.77 U	0.77 U	--	0.76 U	0.77 U	0.71 U	0.42 U	0.82 U	1.3 U	0.79 U	0.66 U	0.64 U
E-SB-1635-1-2	E-SB-1635	1	2	20170127	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.77 U	0.64 U	0.62 U
E-SB-1636-0-1	E-SB-1636	0	1	20170127	48.55	48.55	--	43	31	51	21	11	40	6 J	83	0.61 U
E-SB-1636-1-2	E-SB-1636	1	2	20170127	0.72 U	0.72 U	--	0.71 U	0.72 U	0.66 U	0.39 U	0.76 U	1.2 U	0.74 U	4.1 J	0.59 U
E-SB-1638-0-1	E-SB-1638	0	1	20170126	12.364	11.979	--	9.8	8.9	14	8.3	5.8 J	11	0.77 U	17	0.62 U
E-SB-1638-1-2	E-SB-1638	1	2	20170126	0.79 U	0.79 U	--	0.77 U	0.79 U	0.73 U	0.43 U	0.84 U	1.4 U	0.81 U	0.68 U	0.65 U
E-SB-1639-0-1	E-SB-1639	0	1	20170127	0.73 U	0.73 U	--	0.72 U	0.73 U	0.67 U	0.4 U	0.78 U	1.3 U	0.75 U	0.63 U	0.6 U
E-SB-1639-1-2	E-SB-1639	1	2	20170127	0.76 U	0.76 U	--	0.74 U	0.76 U	0.7 U	0.41 U	0.8 U	1.3 U	0.78 U	0.65 U	0.63 U
E-SB-1640-0-1	E-SB-1640	0	1	20170130	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.41 U	0.79 U	1.3 U	0.76 U	0.64 U	0.61 U
E-SB-1640-1-2	E-SB-1640	1	2	20170130	0.75 U	0.75 U	--	0.73 U	0.75 U	0.69 U	0.41 U	0.79 U	1.3 U	0.77 U	0.64 U	0.62 U
E-SB-1641-0-1	E-SB-1641	0	1	20170127	7.2308	6.8269	--	6 J	5.4 J	8.2	3.9 J	0.78 U	6.9 J	0.76 U	11	0.61 U
E-SB-1641-1-2	E-SB-1641	1	2	20170127	1.27255	0.435	--	0.75 U	0.76 U	4.3 J	0.42 U	0.81 U	5 J	0.79 U	6.4 J	0.63 U
E-SB-1642-0-1	E-SB-1642	0	1	20170130	8.166	7.776	--	7.4 J	4.8 J	17	6.2 J	6.7 J	19	0.78 U	39	0.62 U
E-SB-1642-1-2	E-SB-1642	1	2	20170130	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.4 U	0.78 U	1.3 U	0.76 U	0.63 U	8.8

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE												
												RADIONUCLIDES (PCI/G)				
					INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	0.41 U	0.95 U	5.7 J	8	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	0.41 U	0.97 U	0.86 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	0.42 U	0.98 U	0.87 U	0.53 U	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	0.41 U	0.96 U	0.86 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	20	0.94 U	51	63	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	0.39 U	0.92 U	0.82 U	0.49 U	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	6.3 J	0.96 U	5.7 J	14	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	0.43 U	1 U	0.9 U	0.54 U	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	0.4 U	0.94 U	0.83 U	0.5 U	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	0.41 U	0.97 U	0.86 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	0.41 U	0.95 U	0.85 U	0.51 U	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	0.41 U	0.95 U	0.85 U	0.51 U	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	0.4 U	4.1 J	0.84 U	10	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	0.42 U	5.1 J	13	6.1 J	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	4.5 J	0.96 U	4.6 J	32	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	0.4 U	14	10	0.51 U	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	2.2	1.09 J	1.87	--	0.805 U	0.039	--	0.00047 U	0.781 J
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	0.765	0.742	0.814	--	1.27 U	0.0589	--	-0.00849 U	0.59
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	0.494	0.432	0.457	--	0.934 U	0.00496 U	--	-0.00299 U	0.0991 J
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	0.984	0.793	0.865	--	0.193 U	0.00986 U	--	0.00317 U	0.199 J
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE											TCLP METALS (MG/L)	
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)											
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	2.4 NJ
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	62000 NJ	--	--	--
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	33 NJ	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	18 NJ	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	430 NJ	6700 NJ	3000 NJ	--	--	--	1700 NJ	--	940 NJ	--	--	--
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	5.7 NJ	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	19 NJ	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	32 NJ	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	2.4 NJ	--	--	--	--	--	--	8.9 NJ
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	350 NJ	--	--	--	--	--	--	--	500 NJ	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	330 NJ	--
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	140 NJ	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	0.26 U	0.076 U	0.18 U	0.19 U	0.17 U	0.22 U	0.26 U	0.96 U	0.14 U	4.1 U	0.16 U	0.25 U
E-SB-1573-1-2	E-SB-1573	1	2	20170202	0.26 U	0.074 U	0.18 U	0.18 U	0.16 U	0.21 U	0.26 U	0.94 U	0.13 U	2.3 UJ	0.15 U	0.24 U
E-SB-1574-1-2	E-SB-1574	1	2	20170202	0.24 U	0.069 U	0.17 U	0.17 U	0.15 U	0.2 U	0.24 U	0.87 U	0.12 U	9.2 U	0.14 U	0.23 U
E-SB-1575-1-2	E-SB-1575	1	2	20170202	0.26 U	0.075 U	0.18 U	0.19 U	0.17 U	0.22 U	0.26 U	0.95 U	0.14 U	2.3 UJ	0.16 U	0.25 U
E-SB-1576-1-2	E-SB-1576	1	2	20170202	29 U	12 U	24 U	17 U	16 U	34 U	25 U	45 UJ	21 U	88 UJ	16 U	27 U
E-SB-1577-1-2	E-SB-1577	1	2	20170202	34 U	14 U	28 U	20 U	19 U	41 U	29 U	54 UJ	1500	100 UJ	19 U	32 U
E-SB-1578-1-2	E-SB-1578	1	2	20170202	0.28 U	0.081 U	0.19 U	0.2 U	0.18 U	0.23 U	0.28 U	1 U	0.15 U	5.3 J	0.17 U	0.27 U
E-SB-1579-1-2	E-SB-1579	1	2	20170203	0.26 U	0.075 U	0.18 U	0.19 U	0.17 U	0.22 U	0.26 U	0.96 U	0.14 U	2.3 UJ	0.16 U	0.25 U
E-SB-1580-1-2	E-SB-1580	1	2	20170203	0.24 U	0.07 U	0.17 U	0.17 U	0.15 U	0.2 U	0.24 U	0.89 U	0.13 U	2.1 UJ	0.15 U	0.23 U
E-SB-1581-1-2	E-SB-1581	1	2	20170203	0.26 U	0.074 U	0.18 U	0.18 U	0.16 U	0.21 U	0.26 U	0.93 U	0.13 U	2.2 UJ	0.15 U	0.24 U
E-SB-1582-1-2	E-SB-1582	1	2	20170206	0.25 U	0.071 U	0.17 U	0.18 U	0.16 U	0.21 U	0.25 U	0.91 U	0.13 U	2.2 U	0.15 U	0.24 U
E-SB-1583-1-2	E-SB-1583	1	2	20170206	0.28 U	0.081 U	0.19 U	0.2 U	0.18 U	0.23 U	0.28 U	1 U	0.15 U	2.5 U	0.17 U	0.27 U
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	0.24 U	0.2 U	0.15 U	0.3 U	--	0.49 U	0.25 U	0.19 U	0.21 U	0.17 U	0.14 U	0.2 U
E-SB-1573-1-2	E-SB-1573	1	2	20170202	0.21 U	0.2 U	0.15 U	0.3 U	--	0.63 U	0.24 U	0.18 U	0.21 U	0.16 U	0.14 U	0.2 U
E-SB-1574-1-2	E-SB-1574	1	2	20170202	0.19 U	0.19 U	0.14 U	0.28 U	--	0.72 U	0.23 U	0.17 U	0.19 U	0.15 U	0.13 U	0.19 U
E-SB-1575-1-2	E-SB-1575	1	2	20170202	0.22 U	0.2 U	0.15 U	0.3 U	--	1.7 U	0.25 U	0.19 U	0.21 U	0.17 U	0.14 U	0.2 U
E-SB-1576-1-2	E-SB-1576	1	2	20170202	32 U	32 U	31 U	25 U	--	59 U	18 U	27 U	32 U	27 U	22 U	9.1 U
E-SB-1577-1-2	E-SB-1577	1	2	20170202	38 U	38 U	52 J	30 U	--	70 U	22 U	32 U	38 U	32 U	26 U	11 U
E-SB-1578-1-2	E-SB-1578	1	2	20170202	0.57 J	0.22 U	0.16 U	0.32 U	--	4.5 U	0.27 U	0.2 U	0.23 U	0.18 U	0.15 U	0.22 U
E-SB-1579-1-2	E-SB-1579	1	2	20170203	0.21 U	0.2 U	0.15 U	0.3 U	--	3.1 U	0.25 U	0.19 U	0.21 U	0.17 U	0.14 U	0.2 U
E-SB-1580-1-2	E-SB-1580	1	2	20170203	0.2 U	0.19 U	0.14 U	0.28 U	--	0.17 U	0.23 U	0.17 U	0.2 U	0.15 U	0.13 U	0.19 U
E-SB-1581-1-2	E-SB-1581	1	2	20170203	0.21 U	0.2 U	0.15 U	0.29 U	--	1.2 U	0.24 U	0.18 U	0.21 U	0.16 U	0.14 U	0.2 U
E-SB-1582-1-2	E-SB-1582	1	2	20170206	0.2 U	0.19 U	0.14 U	0.29 U	--	0.17 U	0.24 U	0.18 U	0.2 U	0.16 U	0.14 U	0.19 U
E-SB-1583-1-2	E-SB-1583	1	2	20170206	0.23 U	0.22 U	0.16 U	0.32 U	--	1.1 J	0.27 U	0.2 U	0.23 U	0.18 U	0.15 U	0.22 U
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	NORMAL
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	NORMAL
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	NORMAL
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	NORMAL
E-SB-1572-1-2	E-SB-1572	1	2	20170201	1.8 U	0.28 U	0.26 U	0.3 U	--	0.29 U	0.31 U	NORMAL
E-SB-1573-1-2	E-SB-1573	1	2	20170202	1.8 U	0.27 U	0.25 U	0.3 U	--	0.28 U	0.56 J	NORMAL
E-SB-1574-1-2	E-SB-1574	1	2	20170202	1.6 U	0.25 U	0.23 U	0.28 U	--	0.26 U	0.51 J	NORMAL
E-SB-1575-1-2	E-SB-1575	1	2	20170202	1.8 U	0.28 U	0.26 U	0.3 U	--	0.29 U	0.31 U	NORMAL
E-SB-1576-1-2	E-SB-1576	1	2	20170202	330 U	19 U	22 U	25 U	--	32 U	34 U	NORMAL
E-SB-1577-1-2	E-SB-1577	1	2	20170202	390 U	23 U	26 U	30 U	--	38 U	250 J	NORMAL
E-SB-1578-1-2	E-SB-1578	1	2	20170202	1.9 U	0.3 U	0.27 U	0.32 U	--	0.31 U	10	NORMAL
E-SB-1579-1-2	E-SB-1579	1	2	20170203	1.8 U	0.28 U	0.26 U	0.3 U	--	0.29 U	0.35 J	NORMAL
E-SB-1580-1-2	E-SB-1580	1	2	20170203	1.7 U	0.26 U	0.24 U	0.28 U	--	0.27 U	0.75 J	NORMAL
E-SB-1581-1-2	E-SB-1581	1	2	20170203	1.7 U	0.27 U	0.25 U	0.29 U	--	0.28 U	0.3 U	NORMAL
E-SB-1582-1-2	E-SB-1582	1	2	20170206	1.7 U	0.26 U	0.24 U	0.29 U	--	0.27 U	0.29 U	NORMAL
E-SB-1583-1-2	E-SB-1583	1	2	20170206	2.2 J	0.3 U	0.27 U	0.32 U	--	0.31 U	0.33 U	NORMAL
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	NORMAL
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	NORMAL
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	NORMAL
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	NORMAL
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	NORMAL
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	NORMAL
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	NORMAL
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	NORMAL
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	NORMAL
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	NORMAL
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	NORMAL
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	NORMAL
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	NORMAL
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	NORMAL
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	NORMAL
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	NORMAL
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	NORMAL
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	NORMAL
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	NORMAL
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	NORMAL
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	NORMAL
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	NORMAL
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	NORMAL
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	NORMAL
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	NORMAL
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	NORMAL
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	NORMAL
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	NORMAL
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	NORMAL
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	NORMAL
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	NORMAL
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	NORMAL
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	NORMAL
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	NORMAL
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	NORMAL
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	NORMAL
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	NORMAL
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	NORMAL
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	NORMAL
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	NORMAL
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	NORMAL
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	NORMAL
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	NORMAL

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE								MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS (UG/K
					SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G) HEXACHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	PCBS (UG/KG) AROCLOR-1016	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	300 U	250 U	210 U	180 U	5100 J	100 U
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	27 U	22 U	19 U	16 U	27 J	8.9 U
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	280 U	230 U	200 U	160 U	6600 J	93 U
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	27 U	23 U	19 U	16 U	300 J	9 U
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	29 U	24 U	20 U	17 U	22 U	9.6 U
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	28 U	23 U	20 U	16 U	21 U	9.2 U
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	26 U	22 U	19 U	15 U	22 J	8.7 U
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	27 U	22 U	19 U	16 U	31 J	8.9 U
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	160 U	140 U	120 U	95 U	5300	54 U
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	27 U	22 U	19 U	16 U	98	9 U
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	2900 U	2400 U	2000 U	1700 U	69000	960 U
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	26 U	22 U	19 U	15 U	90	8.7 U
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	28 U	24 U	20 U	17 U	420	9.5 U
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	28 U	24 U	20 U	17 U	21 J	9.5 U
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	27 U	23 U	19 U	16 U	21 U	9.1 U
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	27 U	23 U	19 U	16 U	20 U	9.1 U
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	27 U	22 U	19 U	16 U	280	9 U
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	28 U	24 U	20 U	17 U	28 J	9.5 U
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	27 U	22 U	19 U	16 U	260	8.9 U
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	27 U	22 U	19 U	16 U	20 U	9 U
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	27 U	23 U	19 U	16 U	20 U	9.1 U
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	26 U	22 U	19 U	15 U	20 U	8.8 U
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	28 U	23 U	20 U	16 U	38 J	9.3 U
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	27 U	22 U	19 U	16 U	20 U	8.9 U
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	29 U	24 U	20 U	17 U	22 U	9.6 U

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	720	73	710
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	720	50 J	740
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	0.88 U	0.4 U	0.9 U
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	0.9 U	0.42 U	0.93 U
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	0.86 U	0.39 U	0.88 U
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	0.86 U	0.4 U	7.7
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	0.85 U	0.39 U	0.87 U
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	0.91 U	0.42 U	0.93 U
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	8.8
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	0.86 U	0.39 U	0.88 U
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	900	81	1300
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	0.91 U
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	5.3 J	0.43 U	10
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	0.91 U	0.42 U	0.93 U
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	0.86 U	0.4 U	0.88 U
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	0.91 U	0.42 U	0.93 U
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	5.5 J	0.41 U	0.91 U
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	0.84 U	0.39 U	0.86 U
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	0.91 U	0.42 U	0.94 U
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	0.9 U	0.41 U	0.92 U
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	0.85 U	0.39 U	0.87 U
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	0.87 U	0.4 U	0.89 U
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	0.88 U	0.41 U	0.9 U
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	0.92 U	0.43 U	0.95 U
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	0.91 U
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	0.9 U	0.41 U	0.92 U
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	0.88 U	0.4 U	0.9 U
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	0.96 U	0.44 U	0.98 U
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	0.91 U	0.42 U	0.93 U
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	0.9 U	0.42 U	0.93 U
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	0.8 U	0.37 U	6 J
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	0.88 U	0.4 U	0.9 U
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	0.96 U	0.44 U	0.98 U
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	0.93 U	0.43 U	0.95 U
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	30	47	140
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	0.84 U	0.39 U	0.87 U
E-SB-1661-0-1	E-SB-1661	0	1	20170124	5100	5990	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	27	106.45	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	6600	7426.5	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	300	380.5	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	0 U	92.1	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	22	99.35	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	31	110.45	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	5300	5789.5	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	98	177.5	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	69000	77530	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	90	167.35	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	420	504.25	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	21	105.25	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	0 U	91.05	--	--	--	--	--	--	--	--	--	--
E-SB-1668-1-2	E-SB-1668	1	2	20170123	0 U	90.55	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	280	359.5	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	28	112.25	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	260	339.45	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	0 U	89.5	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	0 U	90.55	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	0 U	87.9	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	38	120.65	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	0 U	89.45	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	0 U	96.3	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
				Units	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1643-0-1	E-SB-1643	0	1	20170126	2447.7	2447.7	--	1600	1500	2600	1100	660	2100	420	3000	1200
E-SB-1643-1-2	E-SB-1643	1	2	20170126	1729	1729	--	1500	1100	1900	660	350	1500	220	2800	840
E-SB-1644-0-1	E-SB-1644	0	1	20170127	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.4 U	0.79 U	1.3 U	0.76 U	0.64 U	0.61 U
E-SB-1644-1-2	E-SB-1644	1	2	20170127	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.42 U	0.81 U	1.3 U	0.78 U	0.65 U	0.63 U
E-SB-1645-0-1	E-SB-1645	0	1	20170210	1.33335	0.5445	--	0.71 U	0.72 U	5.4 J	0.39 U	0.77 U	4.5 J	0.74 U	7.7	0.6 U
E-SB-1645-1-2	E-SB-1645	1	2	20170210	24.163	23.788	--	22	18	24	14	16	28	0.75 U	44	5.5 J
E-SB-1646-0-1	E-SB-1646	0	1	20170210	0.71 U	0.71 U	--	0.7 U	0.71 U	0.66 U	0.39 U	0.76 U	1.2 U	0.73 U	0.61 U	0.59 U
E-SB-1646-1-2	E-SB-1646	1	2	20170210	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.42 U	0.81 U	1.3 U	0.79 U	0.66 U	0.63 U
E-SB-1647-0-1	E-SB-1647	0	1	20170126	68.991	68.606	--	51	53	72	34	35	56	0.77 U	100	0.62 U
E-SB-1647-1-2	E-SB-1647	1	2	20170126	7.96485	7.5385	--	7.3 J	6.8 J	0.66 U	4.3 J	0.77 U	8.5	0.74 U	12	0.6 U
E-SB-1648-0-1	E-SB-1648	0	1	20170126	8098.1	8098.1	--	5600	5500	7800	3100	3200	6100	950	11000	600
E-SB-1648-1-2	E-SB-1648	1	2	20170126	12.335	11.95	--	9.2	9	15	5.3 J	4 J	10	0.77 U	18	0.62 U
E-SB-1649-0-1	E-SB-1649	0	1	20170126	71.419	71.019	--	54	54	81	35	36	59	0.8 U	100	0.64 U
E-SB-1649-1-2	E-SB-1649	1	2	20170126	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.42 U	0.81 U	1.3 U	0.79 U	6.7 J	0.63 U
E-SB-1650-0-1	E-SB-1650	0	1	20170127	0.72 U	0.72 U	--	0.71 U	0.72 U	0.67 U	0.4 U	0.77 U	1.2 U	0.75 U	0.62 U	0.6 U
E-SB-1650-1-2	E-SB-1650	1	2	20170127	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.42 U	0.81 U	1.3 U	0.79 U	0.66 U	0.63 U
E-SB-1651-0-1	E-SB-1651	0	1	20170127	2.4155	1.631	--	5.2 J	0.75 U	11	0.41 U	0.8 U	11	0.77 U	40	4.5 J
E-SB-1651-1-2	E-SB-1651	1	2	20170127	1.39585	0.6176	--	0.7 U	0.71 U	6.1 J	0.39 U	0.75 U	7.6	0.73 U	24	0.59 U
E-SB-1652-0-1	E-SB-1652	0	1	20170127	0.77 U	0.77 U	--	0.76 U	0.77 U	0.71 U	0.42 U	0.82 U	1.3 U	0.79 U	0.66 U	0.64 U
E-SB-1652-1-2	E-SB-1652	1	2	20170127	0.75 U	0.75 U	--	0.74 U	0.75 U	0.7 U	0.41 U	0.8 U	1.3 U	0.78 U	0.65 U	0.62 U
E-SB-1653-0-1	E-SB-1653	0	1	20170130	0.72 U	0.72 U	--	0.71 U	0.72 U	0.66 U	0.39 U	0.76 U	1.2 U	0.74 U	0.62 U	0.59 U
E-SB-1653-1-2	E-SB-1653	1	2	20170130	0.73 U	0.73 U	--	0.72 U	0.73 U	0.67 U	0.4 U	0.78 U	1.3 U	0.75 U	0.63 U	0.6 U
E-SB-1654-0-1	E-SB-1654	0	1	20170130	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.41 U	0.79 U	1.3 U	0.76 U	4 J	0.61 U
E-SB-1654-1-2	E-SB-1654	1	2	20170130	0.78 U	0.78 U	--	0.77 U	0.78 U	0.72 U	0.43 U	0.83 U	1.3 U	0.8 U	4.4 J	0.64 U
E-SB-1655-0-1	E-SB-1655	0	1	20170126	0.75 U	0.75 U	--	0.73 U	0.75 U	0.69 U	0.41 U	0.79 U	1.3 U	0.77 U	0.64 U	0.62 U
E-SB-1655-1-2	E-SB-1655	1	2	20170126	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.41 U	0.81 U	1.3 U	0.78 U	0.65 U	0.63 U
E-SB-1656-0-1	E-SB-1656	0	1	20170126	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.4 U	0.78 U	1.3 U	0.76 U	0.63 U	0.61 U
E-SB-1656-1-2	E-SB-1656	1	2	20170126	0.81 U	0.81 U	--	0.79 U	0.81 U	0.74 U	0.44 U	0.86 U	1.4 U	0.83 U	0.69 U	0.67 U
E-SB-1657-0-1	E-SB-1657	0	1	20170126	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.42 U	0.81 U	1.3 U	0.79 U	0.66 U	0.63 U
E-SB-1657-1-2	E-SB-1657	1	2	20170126	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.42 U	0.81 U	1.3 U	0.79 U	0.65 U	0.63 U
E-SB-1658-0-1	E-SB-1658	0	1	20170125	53.854	53.504	--	36	41	67	24	26	44	0.7 U	67	0.56 U
E-SB-1658-1-2	E-SB-1658	1	2	20170125	5.7193	5.3154	--	5.5 J	4.1 J	6.6 J	0.4 U	0.78 U	5.4 J	0.76 U	9.9	0.61 U
E-SB-1659-0-1	E-SB-1659	0	1	20170126	0.81 U	0.81 U	--	0.79 U	0.81 U	0.74 U	0.44 U	0.86 U	1.4 U	0.83 U	0.69 U	0.67 U
E-SB-1659-1-2	E-SB-1659	1	2	20170126	0.78 U	0.78 U	--	0.77 U	0.78 U	0.72 U	0.43 U	0.83 U	1.3 U	0.81 U	0.67 U	0.65 U
E-SB-1660-0-1	E-SB-1660	0	1	20170125	1216.47	1216.47	--	820	880	1100	340	450	970	110	1100	35
E-SB-1660-1-2	E-SB-1660	1	2	20170125	0.71 U	0.71 U	--	0.7 U	0.71 U	0.65 U	0.39 U	0.75 U	1.2 U	0.73 U	4.1 J	0.59 U
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE												
												RADIONUCLIDES (PCI/G)				
					INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1643-0-1	E-SB-1643	0	1	20170126	990	8800	3200	2800	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	640	6900	3000	2400	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	0.4 U	0.95 U	0.84 U	0.51 U	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	0.42 U	0.98 U	0.87 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	0.39 U	0.92 U	4.9 J	5.6 J	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	10	8.6	27	45	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	0.39 U	0.91 U	0.81 U	0.49 U	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	0.42 U	0.98 U	0.87 U	0.53 U	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	29	6 J	43	81	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	0.39 U	0.92 U	6.7 J	9.8	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	2700	230	6000	8600	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	4.8 J	0.96 U	8	15	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	31	1 U	41	82	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	0.42 U	0.98 U	0.87 U	5.2 J	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	0.4 U	0.93 U	0.83 U	0.5 U	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	0.42 U	0.98 U	0.87 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	0.41 U	15	45	25	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	0.39 U	0.91 U	19	15	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	0.42 U	0.99 U	0.88 U	0.53 U	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	0.41 U	0.97 U	0.86 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	0.39 U	0.92 U	0.82 U	0.49 U	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	0.4 U	0.94 U	0.83 U	0.5 U	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	0.41 U	0.95 U	0.85 U	0.51 U	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	0.43 U	1 U	0.89 U	0.54 U	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	0.41 U	0.96 U	0.85 U	0.51 U	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	0.41 U	0.97 U	0.86 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	0.4 U	0.95 U	0.84 U	0.51 U	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	0.44 U	1 U	0.92 U	0.56 U	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	0.42 U	0.98 U	0.87 U	0.53 U	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	0.42 U	0.98 U	0.87 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	19	0.87 U	26	57	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	0.4 U	0.95 U	6 J	8.9	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	0.44 U	1 U	0.92 U	0.55 U	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	0.43 U	1 U	0.89 U	0.54 U	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	290	57	480	1600	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	0.39 U	0.91 U	0.81 U	4.8 J	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE											TCLP METALS (MG/L)	
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)											
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	NORMAL
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	NORMAL
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	NORMAL
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	NORMAL
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	NORMAL
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	NORMAL
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	NORMAL
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	NORMAL
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	NORMAL
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	NORMAL
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	NORMAL
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	NORMAL
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	NORMAL
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	NORMAL
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	NORMAL
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	NORMAL
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	NORMAL
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	NORMAL
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	NORMAL
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	NORMAL
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	NORMAL
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	NORMAL
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	NORMAL
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	NORMAL
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	NORMAL
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	NORMAL
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	NORMAL
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	NORMAL
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	NORMAL
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	NORMAL
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	NORMAL
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	NORMAL
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	NORMAL
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	NORMAL
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	NORMAL
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	NORMAL
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	NORMAL
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	NORMAL
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	NORMAL
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	NORMAL
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	NORMAL
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	NORMAL
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	NORMAL
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	NORMAL
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	NORMAL

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE								MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS (UG/K
					SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G) HEXACHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	PCBS (UG/KG) AROCLOR-1016	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	28 U	23 U	20 U	16 U	21 U	9.2 U
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	27 U	22 U	19 U	16 U	140	8.9 U
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	27 U	23 U	19 U	16 U	55 J	9 U
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	130 U	110 U	91 U	75 U	4600	43 U
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	270 U	220 U	190 U	150 U	8100	88 U
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	26 U	22 U	18 U	15 U	740	8.6 U
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	27 U	22 U	19 U	16 U	34 J	8.9 U
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	14000 U	11000 U	9600 U	7900 U	690000	4500 U
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	2700 U	2300 U	1900 U	1600 U	200000	900 U
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	140 U	120 U	100 U	82 U	2900	47 U
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	29 U	24 U	20 U	17 U	420	9.5 U
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	30 U	25 U	21 U	18 U	36 J	10 U
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	29 U	25 U	21 U	17 U	230	9.8 U
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	690 U	580 U	490 U	400 U	27000	230 U
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	29 U	24 U	20 U	17 U	79	9.5 U
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	290 U	240 U	210 U	170 U	5400	97 U
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	56 U	47 U	40 U	33 U	1500	19 U
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	61 U	51 U	43 U	35 U	920	20 U
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	27 U	22 U	19 U	16 U	25 J	8.9 U
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	150 U	120 U	100 U	86 U	3000	49 U
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	27 U	23 U	19 U	16 U	20 U	9.1 U
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	170 U	140 U	120 U	98 U	3300	56 U
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	28 U	23 U	20 U	16 U	110	9.3 U
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	29 U	24 U	20 U	17 U	700	9.6 U
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	27 U	22 U	19 U	15 U	20 U	8.8 U
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	130 U	110 U	94 U	77 U	2400 J	44 U
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	30 U	25 U	21 U	17 U	22 U	9.9 U
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	160 U	130 U	110 U	91 U	3300	52 U
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	28 U	23 U	20 U	16 U	21 U	9.3 U
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	28 U	23 U	20 U	16 U	21 U	9.2 U
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	27 U	23 U	19 U	16 U	20 U	9.1 U
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	30 U	25 U	22 U	18 U	57 J	10 U
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	32 U	26 U	22 U	18 U	140	11 U
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	28 U	23 U	20 U	16 U	21 U	9.3 U
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	28 U	23 U	20 U	16 U	21 U	9.3 U
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	27 U	23 U	19 U	16 U	20 U	9 U
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	26 U	22 U	19 U	15 U	20 U	8.8 U
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	28 U	23 U	20 U	16 U	21 U	9.3 U
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	27 U	23 U	19 U	16 U	61	9.1 U
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	28 U	24 U	20 U	17 U	21 U	9.5 U
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	28 U	23 U	20 U	16 U	910	9.2 U
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	26 U	22 U	18 U	15 U	25 J	8.7 U
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	26 U	22 U	18 U	15 U	19 U	8.7 U
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	25 U	21 U	18 U	15 U	19 U	8.5 U
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	27 U	22 U	19 U	16 U	20 U	9 U
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	29 U	24 U	20 U	17 U	21 U	9.5 U
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	27 U	23 U	19 U	16 U	20 U	9.1 U
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	27 U	23 U	19 U	16 U	20 U	9.1 U
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	140 U	120 U	100 U	82 U	2800	47 U
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	29 U	24 U	20 U	17 U	22 U	9.6 U
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	27 U	23 U	19 U	16 U	21 U	9.1 U
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	27 U	23 U	19 U	16 U	21 U	9.1 U
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	610 U	510 U	430 U	360 U	9700	200 U
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	28 U	24 U	20 U	17 U	21 U	9.4 U
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1673-1-2	E-SB-1673	1	2	20170124	0 U	92.6	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	140	219.45	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	55	135.5	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	4600	4982.5	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	8100	8884	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	740	816.8	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	34	113.45	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	690000	730000	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	200000	208050	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	2900	3316.5	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	420	504.75	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	36	125	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	230	317.4	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	27000	29045	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	79	163.75	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	5400	6258.5	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	1500	1666.5	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	920	1099.5	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	25	104.45	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	3000	3432	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	0 U	90.55	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	3300	3797	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	110	192.65	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	700	785.3	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	0 U	88.4	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	2400	2791.5	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	0 U	99.45	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	3300	3761.5	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	0 U	92.6	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	0 U	90.55	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	57	146.5	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	140	233	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	0 U	90.5	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	0 U	87.9	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	61	141.55	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	0 U	94.75	--	--	--	--	--	--	--	--	--	--
E-SB-1693-0-1	E-SB-1693	0	1	20170210	910	991.6	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	25	101.85	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	0 U	86.35	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	0 U	84.25	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	0 U	89.5	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	0 U	95.25	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	0 U	90.55	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	0 U	90.55	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	2800	3216.5	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	0 U	91.05	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	0 U	91.05	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	9700	11505	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	0 U	94.7	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	63	11	120
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	0.87 U	0.4 U	0.89 U
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	73	38	170
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	49	8.3	81
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	0.88 U	0.4 U	0.9 U
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	0.88 U	0.41 U	0.91 U
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	0.81 U	0.37 U	0.83 U

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	703.45	703.45	--	510	490	760	190	290	550	64	1000	44
E-SB-1700-1-2	E-SB-1700	1	2	20170125	15.0769	14.693	--	14	11	16	7.6	0.78 U	13	0.76 U	26	0.61 U
E-SB-1701-0-1	E-SB-1701	0	1	20170125	873.66	873.66	--	630	590	720	420	200	660	110	1200	65
E-SB-1701-1-2	E-SB-1701	1	2	20170125	471.32	471.32	--	350	310	420	230	99	330	63	630	31
E-SB-1702-0-1	E-SB-1702	0	1	20170130	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.4 U	0.79 U	1.3 U	0.76 U	0.63 U	0.61 U
E-SB-1702-1-2	E-SB-1702	1	2	20170130	0.75 U	0.75 U	--	0.73 U	0.75 U	0.69 U	0.41 U	0.79 U	1.3 U	0.77 U	0.64 U	0.62 U
E-SB-1703-0-1	E-SB-1703	0	1	20170130	0.68 U	0.68 U	--	0.67 U	0.68 U	0.63 U	0.37 U	0.72 U	1.2 U	0.7 U	0.59 U	0.56 U

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE												
												RADIONUCLIDES (PCI/G)				
					INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	190	18	530	850	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	6.8 J	0.94 U	14	22	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	360	26	780	1200	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	200	11	360	530	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	0.4 U	0.95 U	0.84 U	0.51 U	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	0.41 U	0.95 U	0.85 U	0.51 U	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	0.37 U	0.87 U	0.78 U	0.47 U	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE											TCLP METALS (MG/L)	
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE													
											TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)						
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	NORMAL
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	NORMAL
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	NORMAL
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	NORMAL
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	NORMAL
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	NORMAL
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	NORMAL
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	NORMAL
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	NORMAL
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	NORMAL
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	NORMAL
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	NORMAL
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	NORMAL
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	NORMAL
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	NORMAL
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	NORMAL
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	NORMAL
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	NORMAL
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	NORMAL
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	NORMAL
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	NORMAL
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	NORMAL
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	NORMAL
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	NORMAL
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	NORMAL
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	NORMAL
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	NORMAL
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	NORMAL
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	NORMAL
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	NORMAL
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	NORMAL
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	NORMAL
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	NORMAL
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	NORMAL
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	NORMAL
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	NORMAL
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	NORMAL
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	NORMAL
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	NORMAL
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	NORMAL
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	NORMAL
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	NORMAL
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	NORMAL
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	NORMAL
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	NORMAL
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	NORMAL
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	NORMAL
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	NORMAL
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	NORMAL
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	NORMAL
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	NORMAL
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	NORMAL
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	NORMAL
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	NORMAL
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	NORMAL
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	NORMAL
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	NORMAL
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	NORMAL
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	NORMAL
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	NORMAL
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	NORMAL

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	0.53 UJ	2.8 J	58 J
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	0.51 UJ	3.1 J	18 J
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	2.6 J	0.24 J	18 J	9.5	12	--	8.5 J-	--	0.024 UJ	0.32 J	22	0.38 UJ
E-SB-1738-1-2	E-SB-1738	1	2	20171110	0.52 U	0.022 UJ	8.8 J	7.4	3.5	--	3.5 J-	--	0.022 UJ	0.47 J	5.2	0.36 UJ
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE								MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS (UG/K
					SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	0.07 UJ	1.5 J	--	--	--	19 J-	62 J	--	--	--	8.4	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	0.066 UJ	0.25 J	--	--	--	14 J-	15 J	--	--	--	5.7	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G) HEXACHLOROBIPHENYLS	G) NONACHLOROBIPHENYLS	G) OCTACHLOROBIPHENYLS	G) PENTACHLOROBIPHENYLS	G) TETRACHLOROBIPHENYLS	G) TRICHLOROBIPHENYLS	PCBS (UG/KG) AROCLOR-1016	PCBS (UG/KG) AROCLOR-1242	PCBS (UG/KG) AROCLOR-1248	PCBS (UG/KG) AROCLOR-1254	PCBS (UG/KG) AROCLOR-1260	PCBS (UG/KG) AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	1400 U	1200 U	990 U	81000 J	1000 U	470 U
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	13000 U	10000 U	8900 U	790000 J	9400 U	4200 U
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	27 U	23 U	19 U	16 U	33 J	9 U
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	27 U	23 U	19 U	16 U	30 J	9.1 U
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	27 U	22 U	19 U	16 U	190	8.9 U
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	28 U	23 U	20 U	16 U	34 J	9.3 U
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	140 U	120 U	98 U	81 U	2700	46 U
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	27 U	23 U	19 U	16 U	21 U	9.2 U
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	29 U	24 U	20 U	17 U	190	9.6 U
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	29 U	24 U	20 U	17 U	51 J	9.6 U
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	1400 U	1200 U	1000 U	830 U	43000	480 U
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	520 U	440 U	370 U	310 U	25000	170 U
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	520 U	430 U	360 U	300 U	15000	170 U
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	270 U	230 U	190 U	160 U	7900	91 U
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	28 U	23 U	20 U	16 U	32 J	9.3 U
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	29 U	24 U	20 U	17 U	21 U	9.5 U
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	2900 U	2400 U	2100 U	1700 U	68000	970 U
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	1300 U	1100 U	900 U	740 U	43000	420 U
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	300 U	250 U	210 U	12000 J	220 U	100 U
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	52 U	43 U	37 U	30 U	2000 J	17 U
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	530 U	440 U	380 U	310 U	26000 J	180 U
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	1300 U	1100 U	930 U	35000 J	980 U	440 U
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	28000 U	23000 U	20000 U	930000 J	21000 U	9300 U
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	1400 U	1100 U	970 U	39000 J	1000 U	460 U
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	130 U	110 U	95 U	3700 J	100 U	45 U
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	270 U	220 U	190 U	12000 J	200 U	89 U
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	27 U	22 U	19 U	1100 J	20 U	9 U
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	26 U	22 U	18 U	250 J	20 U	8.7 U
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	1400 U	1200 U	1000 U	820 U	43000 J	470 U
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	550 U	460 U	390 U	25000 J	410 U	180 U
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	290 U	240 U	200 U	9300	220 U	96 U
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	980 U	810 U	690 U	39000	730 U	330 U
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	140 U	110 U	96 U	3900	100 U	45 U
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	2700 U	2200 U	1900 U	59000	2000 U	890 U
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	27 U	23 U	19 U	16 U	23 J	9.1 U
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	27 U	23 U	19 U	16 U	480	9 U
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	28 U	23 U	20 U	190 J	21 U	9.3 U
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	29 U	24 U	20 U	17 U	48 J	9.5 U
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	29 U	24 U	21 U	17 U	440	9.7 U
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	27 U	23 U	19 U	16 U	20 U	9 U
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	27 U	22 U	19 U	16 U	85	9 U
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	27 U	22 U	19 U	16 U	20 U	9 U

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	0.92 U
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	0.9 U	0.41 U	0.92 U
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	0.9 U	0.41 U	0.92 U
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	0.91 U
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	0.91 U
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	0.9 U	0.42 U	0.92 U
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	0.88 U	0.4 U	0.9 U
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	0.9 U	0.41 U	0.92 U
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	0.9 U	0.41 U	0.92 U
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	0.93 U	0.43 U	0.95 U
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	0.92 U	0.42 U	0.94 U
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	0.96 U	0.44 U	0.99 U
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	0.92 U
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	0.86 U	0.39 U	0.88 U
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	0.91 U	0.42 U	0.94 U
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	0.91 U
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	0.88 U	0.41 U	0.91 U
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	26	11	44
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	0.91 U	0.42 U	4.7 J
E-SB-1713-0-1	E-SB-1713	0	1	20170125	81000	85245	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	790000	827950	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	33	113.5	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	30	110.55	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	190	269.45	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	34	116.65	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	2700	3114	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	0 U	91.1	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	190	275.3	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	51	136.3	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	43000	47230	--	--	--	--	--	--	--	--	--	--
E-SB-1722-0-1	E-SB-1722	0	1	20171112	25000	26550	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	15000	16520	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	7900	8705.5	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	32	114.65	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	0 U	95.25	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	68000	76585	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	43000	46805	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	12000	12910	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	2000	2153	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	26000	27570	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	35000	39010	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	930000	1015150	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	39000	43120	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	3700	4104.5	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	12000	12814.5	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	1100	1181.5	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	250	329.35	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	43000	47215	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	25000	26675	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	9300	10173	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	39000	41970	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	3900	4311	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	59000	67095	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1703-1-2	E-SB-1703	1	2	20170130	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.77 U	0.65 U	0.62 U
E-SB-1704-0-1	E-SB-1704	0	1	20170130	5.77265	5.32	--	0.75 U	4.6 J	7.2 J	0.41 U	0.8 U	1.3 U	0.78 U	9.3	0.63 U
E-SB-1704-1-2	E-SB-1704	1	2	20170130	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.41 U	0.81 U	1.3 U	0.78 U	0.65 U	0.63 U
E-SB-1705-0-1	E-SB-1705	0	1	20170130	25.019	24.634	--	16	19	30	9.7	13	24	0.77 U	27	0.62 U
E-SB-1705-1-2	E-SB-1705	1	2	20170130	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.77 U	0.64 U	0.62 U
E-SB-1706-0-1	E-SB-1706	0	1	20170130	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.42 U	0.81 U	1.3 U	0.78 U	0.65 U	0.63 U
E-SB-1706-1-2	E-SB-1706	1	2	20170130	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.4 U	0.78 U	1.3 U	0.76 U	0.63 U	0.61 U
E-SB-1707-0-1	E-SB-1707	0	1	20170127	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.41 U	0.81 U	1.3 U	0.78 U	0.65 U	0.63 U
E-SB-1707-1-2	E-SB-1707	1	2	20170127	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.78 U	0.65 U	0.62 U
E-SB-1708-0-1	E-SB-1708	0	1	20170126	0.78 U	0.78 U	--	0.77 U	0.78 U	0.72 U	0.43 U	0.83 U	1.3 U	0.8 U	0.67 U	0.65 U
E-SB-1708-1-2	E-SB-1708	1	2	20170126	0.77 U	0.77 U	--	0.76 U	0.77 U	0.71 U	0.42 U	0.82 U	1.3 U	0.8 U	0.66 U	0.64 U
E-SB-1709-0-1	E-SB-1709	0	1	20170126	0.81 U	0.81 U	--	0.8 U	0.81 U	0.75 U	0.44 U	0.86 U	1.4 U	0.83 U	0.69 U	0.67 U
E-SB-1709-1-2	E-SB-1709	1	2	20170126	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.78 U	0.65 U	0.62 U
E-SB-1710-0-1	E-SB-1710	0	1	20170126	0.72 U	0.72 U	--	0.71 U	0.72 U	0.67 U	0.39 U	0.77 U	1.2 U	0.74 U	0.62 U	0.6 U
E-SB-1710-1-2	E-SB-1710	1	2	20170126	0.77 U	0.77 U	--	0.76 U	0.77 U	0.71 U	0.42 U	0.82 U	1.3 U	0.79 U	0.66 U	0.64 U
E-SB-1711-0-1	E-SB-1711	0	1	20170127	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.77 U	0.64 U	0.62 U
E-SB-1711-1-2	E-SB-1711	1	2	20170127	0.74 U	0.74 U	--	0.73 U	0.74 U	0.69 U	0.41 U	0.79 U	1.3 U	0.77 U	0.64 U	0.62 U
E-SB-1712-0-1	E-SB-1712	0	1	20170126	495.71	495.71	--	290	320	480	260	140	310	73	550	20
E-SB-1712-1-2	E-SB-1712	1	2	20170126	70.515	70.515	--	36	42	79	45	17	45	13	44	0.64 U
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE												
												RADIONUCLIDES (PCI/G)				
					INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1703-1-2	E-SB-1703	1	2	20170130	0.41 U	0.96 U	0.86 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	0.41 U	0.97 U	5 J	9.1	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	0.41 U	0.97 U	0.87 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	8.8	7.8	15	23	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	0.41 U	0.96 U	0.86 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	0.42 U	0.97 U	0.87 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	0.4 U	0.95 U	0.84 U	0.51 U	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	0.41 U	0.97 U	0.87 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	0.41 U	0.97 U	0.86 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	0.43 U	1 U	0.89 U	0.54 U	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	0.42 U	0.99 U	0.88 U	0.53 U	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	0.44 U	1 U	0.92 U	0.56 U	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	0.41 U	0.97 U	0.86 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	0.39 U	0.92 U	0.82 U	0.5 U	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	0.42 U	0.99 U	0.88 U	0.53 U	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	0.41 U	0.96 U	0.85 U	0.51 U	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	0.41 U	0.95 U	0.85 U	0.51 U	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	240	9.6	250	440	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	38	22	31	33	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE											TCLP METALS (MG/L)	
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)											
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	NORMAL
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	NORMAL
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	NORMAL
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	NORMAL
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	NORMAL
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	NORMAL
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	NORMAL
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	NORMAL
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	NORMAL
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	NORMAL
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	NORMAL
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	NORMAL
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	NORMAL
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	NORMAL
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	NORMAL
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	NORMAL
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	NORMAL
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	NORMAL
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	NORMAL
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	NORMAL
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	NORMAL
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	NORMAL
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	NORMAL
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	NORMAL
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	NORMAL
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	NORMAL
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	NORMAL
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	NORMAL
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	NORMAL
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	NORMAL
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	NORMAL
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	NORMAL
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	NORMAL
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	NORMAL
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	NORMAL
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	NORMAL
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	NORMAL
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	NORMAL
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	NORMAL
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	NORMAL
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	NORMAL
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	NORMAL
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	NORMAL
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	NORMAL
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	NORMAL
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	NORMAL
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	NORMAL
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	NORMAL
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	NORMAL
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	NORMAL
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	NORMAL
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	NORMAL
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	NORMAL
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	NORMAL

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	80 U	80 U	80 U	80 U	80 U	80 U	80 U	80 U	80 U	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	170 J	85 J	77 U	260 J	86 J	200 J	160 J	170 J	110 J	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	85 U	85 U	85 U	85 U	96 J	85 U	85 U	85 U	85 U	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	75 U	75 U	75 U	75 U	75 U	75 U	75 U	75 U	75 U	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	120 J	150 J	88 J	80 U	80 U	80 U	80 U	80 U	80 U	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE								MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS (UG/K
					SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G) HEXACHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	PCBS (UG/KG) AROCLOR-1016	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	23 U	14 U	19 U	19 U	19 U	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	22 U	14 U	18 U	18 U	18 U	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	23 U	14 U	19 U	19 U	19 U	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	24 U	15 U	20 U	20 U	21 J	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	25 U	15 U	20 U	20 U	20 U	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	26 U	16 U	21 U	21 U	38 J	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	24 U	15 U	19 U	19 U	19 U	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	24 U	15 U	20 U	20 U	20 U	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	25 U	16 U	20 U	20 U	34 J	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	24 U	15 U	20 U	20 U	35 J	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	24 U	15 U	20 U	20 U	20 UJ	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	23 U	14 U	19 U	19 U	19 U	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	24 U	15 U	19 U	19 U	19 U	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	110 U	69 U	91 U	91 U	690	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	23 U	14 U	18 U	18 U	220	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	500 U	310 U	410 U	410 U	1700	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	25 U	15 U	20 U	20 U	82	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	26 U	16 U	21 U	21 U	21 U	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	25000 U	16000 U	20000 U	20000 U	360000	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	2500 U	1600 U	2100 U	2100 U	25000	--
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	25 U	15 U	20 U	20 U	57	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	24 U	15 U	19 U	19 U	23 J	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	250 U	150 U	200 U	200 U	3000	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	49000 U	30000 U	39000 U	39000 U	680000	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	25 U	15 U	20 U	20 U	26 J	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	250 U	150 U	200 U	200 U	1300	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	25 U	15 U	20 U	20 U	31 J	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	27 U	16 U	22 U	22 U	22 U	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	24 U	15 U	19 U	19 U	19 U	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	250 U	160 U	200 U	200 U	910	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	25 U	16 U	20 U	20 U	130	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	23 U	14 U	19 U	19 U	26 J	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	23 U	14 U	19 U	19 U	19 U	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	6600 U	4100 U	5300 U	5300 U	41000	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	23 U	14 U	18 U	18 U	120	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	2200 U	1400 U	1800 U	1800 U	25000	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	23 U	14 U	19 U	19 U	19 U	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	24 U	15 U	19 U	19 U	19 U	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	240 U	150 U	190 U	190 U	2300	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	11000 U	6900 U	9100 U	9100 U	37000	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	24 U	15 U	19 U	19 U	53	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	22 U	14 U	18 U	18 U	64	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	7300 U	8000 U	4700 U	7000 U	3300000	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	15 U	16 U	9.3 U	14 U	5900 K	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	1.3 U	1.5 U	0.84 U	1.3 U	230 J	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	770 U	840 U	490 U	730 U	400000 J	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	1185 U	1270 U	745 U	1115 U	540000	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	1600 U	1700 U	1000 U	1500 U	680000 J	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	1400 U	1600 U	900 U	1400 U	880000	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	28 U	31 U	18 U	27 U	18000 K	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	1.4 U	1.6 U	0.91 U	1.4 U	1600 J	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	1.4 U	1.5 U	0.87 U	1.3 U	580 J	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	3200 U	3500 U	2000 U	3000 U	1100000	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	1.4 U	1.5 U	0.89 U	1.3 U	2200 J	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	28 U	31 U	18 U	27 U	17000 K	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	1.3 U	1.4 U	0.84 U	1.3 U	930 J	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	3 U	3.3 U	1.9 U	2.9 U	1900	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	2.8 U	3.1 U	1.8 U	2.7 U	84 J	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	16 U	17 U	9.9 U	15 U	7700 L	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	2.6 U	2.9 U	1.7 U	2.5 U	280 J	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	2.65 U	2.9 U	1.7 U	2.55 U	285	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-818-SS	SB-818	0	1	20100915	0 U	64	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	0 U	61	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	0 U	63	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	21	78	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	38	98.5	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	0 U	67	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	34	92.5	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	35	91.5	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	0 U	66.5	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	0 U	64	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	690	950.5	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	220	272.5	--	8900000 J	440	--	--	140 U	140 U	140 U	140 U	140 U
E-SB-833B-02	SB-833B	2	2	20101012	1700	2875	--	--	55 U	--	--	4 U	4 U	4 U	4 U	4 U
E-SB-833C-02	SB-833C	2	2	20101012	82	139.5	--	--	--	--	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-833D-02	SB-833D	2	2	20101012	0 U	70.5	--	--	--	--	--	4 U	4 U	4 U	4 U	4 U
E-SB-833E-02	SB-833E	2	2	20101012	360000	418500	--	640000 J	64 J	--	--	4 U	4 U	4 U	4 U	4 U
E-SB-833F-02	SB-833F	2	2	20101012	25000	30950	--	150000 J	56 U	--	--	4 U	4 U	4 U	4 U	4 U
E-SB-833G-02	SB-833G	2	2	20101012	57	115	--	--	--	--	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-833H-02	SB-833H	2	2	20101012	23	78.5	--	--	--	--	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-833J-02	SB-833J	2	2	20101013	3000	3580	--	--	--	--	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-833K-02	SB-833K	2	2	20101013	680000	793000	--	1400000 K	1400	--	--	38 U	38 U	98	38 U	240
E-SB-833L-02	SB-833L	2	2	20101013	26	84	--	--	--	--	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-833M-02	SB-833M	2	2	20101013	1300	1875	--	--	--	--	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-833N-02	SB-833N	2	2	20101014	31	89	--	--	--	--	--	39 U	39 U	39 U	39 U	39 U
E-SB-833-SS	SB-833	0	1	20100916	0 U	73.5	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	910	1495	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	130	188.5	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	26	80.5	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	0 U	64	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	41000	56350	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	120	172.5	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	25000	30200	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	0 U	63.5	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	2300	2855	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	37000	63050	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	53	108.5	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	64	116	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	3300000	3322400	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	5900	5945.15	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	230	234.07	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	400000	402345	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	540000	543573	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	680000	684800	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	880000	884350	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	18000	18087	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	1600	1604.41	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	580	584.185	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	1100000	1109750	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	2200	2204.25	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	17000	17086.5	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	930	934.02	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	1900	1909.25	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	84	92.6	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	7700	7747.95	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	280	288.05	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	285	293.125	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	140 U	140 U	--	140 U	140 U	140 U	140 U	140 U	48 U	140 U	660	140 U
E-SB-833B-02	SB-833B	2	2	20101012	4 U	4 U	--	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U	4 U	4 U
E-SB-833C-02	SB-833C	2	2	20101012	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U
E-SB-833D-02	SB-833D	2	2	20101012	7.045	2.825	--	15	4 U	13	4 U	4 U	25	4 U	42	8.8
E-SB-833E-02	SB-833E	2	2	20101012	4 U	4 U	--	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U	4 U	4 U
E-SB-833F-02	SB-833F	2	2	20101012	4 U	4 U	--	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U	4 U	4 U
E-SB-833G-02	SB-833G	2	2	20101012	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U
E-SB-833H-02	SB-833H	2	2	20101012	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U	3.7 U	3.7 U
E-SB-833J-02	SB-833J	2	2	20101013	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U
E-SB-833K-02	SB-833K	2	2	20101013	1787.5	1787.5	--	1300	1200	1700	850	630	1200	210	2000	38 U
E-SB-833L-02	SB-833L	2	2	20101013	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U
E-SB-833M-02	SB-833M	2	2	20101013	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U
E-SB-833N-02	SB-833N	2	2	20101014	39 U	39 U	--	39 U	39 U	39 U	39 U	39 U	13 U	39 U	520	39 U
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE												
												RADIONUCLIDES (PCI/G)				
					INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	140 U	410	140 U	950	2020	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	4 U	93	4 U	4 U	93	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	3.9 U	3.9 U	3.9 U	3.9 U	0 U	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	4 U	33	4 U	30	166.8	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	4 U	31	4 U	4 U	31	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	4 U	4 U	4 U	4 U	0 U	--	--	--	--	--	--	--
E-SB-833G-02	SB-833G	2	2	20101012	3.9 U	3.9 U	3.9 U	3.9 U	0 U	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	3.7 U	3.7 U	3.7 U	3.7 U	0 U	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	3.9 U	3.9 U	3.9 U	3.9 U	0 U	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	700	38 U	800	1600	12528	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	3.9 U	3.9 U	3.9 U	3.9 U	0 U	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	3.9 U	3.9 U	3.9 U	3.9 U	0 U	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	39 U	39 U	39 U	290	810	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
				Units	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	TCLP METALS (MG/L) ARSENIC	TCLP METALS (MG/L) BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)											
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	0.4 U	0.18 U	0.36 B	0.68 U	0.37 U	0.36 U	0.69 U	1.5 U	0.22 U	6.8 B	0.46 U	0.34 U
E-SB-833B-02	SB-833B	2	2	20101012	140	0.68 B	140 J	0.55 U	3.4 J	21	12	1.2 U	0.18 U	7.7 B	0.37 U	0.28 U
E-SB-833C-02	SB-833C	2	2	20101012	0.29 U	0.6 B	1.1 B	0.49 U	0.27 U	0.27 U	0.5 U	1.1 U	0.16 U	4.8 U	0.33 U	0.25 U
E-SB-833D-02	SB-833D	2	2	20101012	0.31 U	0.14 U	0.52 B	0.52 U	0.29 U	0.28 U	0.53 U	3.2 B	0.17 U	25 B	0.35 U	0.26 U
E-SB-833E-02	SB-833E	2	2	20101012	39000	6.8 U	180000	200 U	970 J	190 U	1500 J	1700 U	190 U	6800 U	480 U	260 U
E-SB-833F-02	SB-833F	2	2	20101012	280 J	0.15 U	1200	4.4 U	26 J	4.2 U	42 J	38 U	4.2 U	230 J	10 U	5.6 U
E-SB-833G-02	SB-833G	2	2	20101012	0.31 U	0.14 U	0.68 B	0.53 U	0.29 U	0.33 J	1.3 J	1.1 U	0.17 U	5.1 U	0.36 U	12
E-SB-833H-02	SB-833H	2	2	20101012	0.33 U	0.15 U	1.1 B	0.57 U	0.31 U	0.31 U	0.58 U	1.2 U	0.18 U	8.4 B	0.38 U	0.29 U
E-SB-833J-02	SB-833J	2	2	20101013	47 J	0.13 U	260	3.8 U	6.5 U	11 J	12 J	88 J	3.6 U	220 B	9.1 U	4.8 U
E-SB-833K-02	SB-833K	2	2	20101013	43000 J	7.1 U	210000	210 U	360 U	1100 J	2700 J	1800 U	200 U	9800 B	500 U	270 U
E-SB-833L-02	SB-833L	2	2	20101013	300 J	0.14 U	1600	4.1 U	22 J	3.9 U	38 J	35 U	3.9 U	160 B	9.8 U	5.2 U
E-SB-833M-02	SB-833M	2	2	20101013	11 J	0.15 U	47 J	0.57 U	0.32 U	0.31 U	0.58 U	1.2 U	0.18 U	5.5 U	0.39 U	0.29 U
E-SB-833N-02	SB-833N	2	2	20101014	0.31 U	0.14 U	0.22 U	0.53 U	0.29 U	0.28 U	0.53 U	1.1 U	0.17 U	13 J	0.36 U	0.27 U
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	0.37 U	0.27 U	0.17 U	1.2 U	--	0.7 U	0.2 U	0.24 U	0.42 U	0.36 U	0.19 U	0.16 U
E-SB-833B-02	SB-833B	2	2	20101012	0.31 U	0.22 U	0.14 U	1 U	--	0.57 U	0.16 U	0.2 U	0.34 U	0.3 U	0.15 U	0.13 U
E-SB-833C-02	SB-833C	2	2	20101012	0.27 U	0.2 U	0.12 U	0.91 U	--	0.51 U	0.14 U	0.17 U	0.3 U	0.27 U	0.14 U	0.11 U
E-SB-833D-02	SB-833D	2	2	20101012	0.29 U	0.21 U	0.13 U	0.96 U	--	0.54 U	0.15 U	0.18 U	0.32 U	0.28 U	0.14 U	0.12 U
E-SB-833E-02	SB-833E	2	2	20101012	280 U	220 U	260 U	250 U	--	3100 U	270 U	320 U	560 U	340 U	190 U	230 U
E-SB-833F-02	SB-833F	2	2	20101012	6 U	4.7 U	5.7 U	5.4 U	--	88 J	5.9 U	7 U	12 U	7.4 U	4.1 U	4.9 U
E-SB-833G-02	SB-833G	2	2	20101012	0.29 U	0.21 U	0.13 U	0.98 U	--	0.55 U	0.15 U	0.19 U	0.33 U	0.28 U	0.15 U	0.12 U
E-SB-833H-02	SB-833H	2	2	20101012	0.31 U	0.23 U	0.14 U	1 U	--	0.58 U	0.17 U	0.2 U	0.35 U	0.31 U	0.16 U	0.13 U
E-SB-833J-02	SB-833J	2	2	20101013	5.2 U	4.1 U	4.9 U	4.7 U	--	58 U	5.1 U	6.1 U	11 U	6.4 U	3.6 U	4.2 U
E-SB-833K-02	SB-833K	2	2	20101013	290 U	230 U	270 U	260 U	--	3200 U	280 U	330 U	580 U	360 U	200 U	230 U
E-SB-833L-02	SB-833L	2	2	20101013	5.6 U	4.4 U	5.3 U	5.1 U	--	63 U	5.5 U	6.5 U	11 U	6.9 U	3.8 U	4.6 U
E-SB-833M-02	SB-833M	2	2	20101013	0.32 U	0.23 U	0.14 U	1.1 U	--	0.59 U	0.17 U	0.2 U	0.35 U	0.31 U	0.16 U	0.13 U
E-SB-833N-02	SB-833N	2	2	20101014	0.29 U	0.21 U	0.13 U	0.97 U	--	0.54 U	2.1 B	0.19 U	0.32 U	0.28 U	0.15 U	0.12 U
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	NORMAL
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	NORMAL
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	NORMAL
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	NORMAL
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	NORMAL
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	NORMAL
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	NORMAL
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	NORMAL
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	NORMAL
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	NORMAL
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	NORMAL
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	NORMAL
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	BACKFILL
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	NORMAL
E-SB-833A-02	SB-833A	2	2	20101012	7.9 UR	0.54 U	0.28 U	0.7 U	--	0.43 U	0.44 U	NORMAL
E-SB-833B-02	SB-833B	2	2	20101012	6.5 UR	0.44 U	0.23 U	0.57 U	--	0.35 U	0.36 U	NORMAL
E-SB-833C-02	SB-833C	2	2	20101012	5.8 UR	0.4 U	0.21 U	0.51 U	--	0.31 U	0.32 U	NORMAL
E-SB-833D-02	SB-833D	2	2	20101012	6.1 UR	0.42 U	0.22 U	0.54 U	--	0.33 U	0.34 U	NORMAL
E-SB-833E-02	SB-833E	2	2	20101012	9700 UR	480 U	680 U	330 U	--	370 U	390 U	NORMAL
E-SB-833F-02	SB-833F	2	2	20101012	210 UR	10 U	15 U	7.1 U	--	8 U	8.5 U	NORMAL
E-SB-833G-02	SB-833G	2	2	20101012	6.2 UR	0.42 U	0.22 U	0.55 U	--	0.33 U	0.34 U	NORMAL
E-SB-833H-02	SB-833H	2	2	20101012	6.6 UR	0.45 U	0.24 U	0.58 U	--	0.36 U	0.37 U	NORMAL
E-SB-833J-02	SB-833J	2	2	20101013	390 J	9.1 U	13 U	6.1 U	--	7 U	7.3 U	NORMAL
E-SB-833K-02	SB-833K	2	2	20101013	10000 UR	500 U	710 U	340 U	--	380 U	410 U	NORMAL
E-SB-833L-02	SB-833L	2	2	20101013	620 J	9.8 U	14 U	6.6 U	--	7.5 U	7.9 U	NORMAL
E-SB-833M-02	SB-833M	2	2	20101013	6.7 UR	0.46 U	0.31 J	0.59 U	--	0.36 U	0.37 U	NORMAL
E-SB-833N-02	SB-833N	2	2	20101014	6.2 UR	1.8 J	0.22 U	0.54 U	--	0.33 U	0.34 U	NORMAL
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	NORMAL
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	NORMAL
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	NORMAL
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	NORMAL
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	NORMAL
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	BACKFILL
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	NORMAL
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	NORMAL
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	NORMAL
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	NORMAL
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	BACKFILL
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	NORMAL
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	NORMAL
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	NORMAL
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	BACKFILL
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	NORMAL
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	NORMAL
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	NORMAL
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	NORMAL
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	NORMAL
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	NORMAL
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	NORMAL
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	NORMAL
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	NORMAL
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	NORMAL
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	NORMAL
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	NORMAL
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	NORMAL
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	NORMAL
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	NORMAL
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	NORMAL
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	NORMAL
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	NORMAL
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	NORMAL

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE								MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS (UG/K
					SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G) HEXACHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	PCBS (UG/KG) AROCLOR-1016	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	2.7 U	2.9 U	1.7 U	2.6 U	290 J	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	290 U	310 U	180 U	270 U	110000 J	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	290 U	315 U	185 U	275 U	280000	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	290 U	320 U	190 U	280 U	450000 J	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	2.7 U	2.9 U	1.7 U	2.6 U	860	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	320 U	350 U	200 U	300 U	170000	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	2.7 U	2.9 U	1.7 U	2.6 U	1600	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	670 U	730 U	420 U	640 U	480000 K	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	2.7 U	3 U	1.7 U	2.6 U	3100	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	150 U	160 U	96 U	140 U	75000	--
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	2.8 U	3.1 U	1.8 U	2.7 U	3700 J	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	25 U	15 U	20 U	20 U	240 J	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	23 U	14 U	19 U	19 U	320 J	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	120 U	73 U	96 U	96 U	2000 J	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	120 U	73 U	95 U	910 J	95 U	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	24000 U	15000 U	19000 U	320000	19000 U	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	24 U	15 U	19 U	19 U	140	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	110 U	71 U	93 U	93 U	870	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	230 U	140 U	180 U	180 U	1600	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	240 U	150 U	190 U	190 U	2800	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	220 U	140 U	180 U	180 U	3900	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	240 U	150 U	190 U	1400	190 U	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	240 U	150 U	200 U	200 U	4200	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	23 U	14 U	19 U	19 U	52	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	28 U	17 U	23 U	23 U	23 U	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	120 U	73 U	95 U	95 U	790	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	23 U	15 U	19 U	19 U	19 U	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	24 U	15 U	19 U	19 U	37	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	23 U	14 U	19 U	19 U	19 U	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	24 U	15 U	19 U	19 U	86	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	23 U	14 U	19 U	19 U	19 U	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	23 U	14 U	19 U	19 U	19 U	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	22 U	14 U	18 U	18 U	18 J	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	23 U	14 U	19 U	19 U	19 U	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	23 U	14 U	18 U	18 U	18 U	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	23 U	14 U	18 U	18 U	18 U	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	110 U	69 U	90 U	90 U	540	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	1200 U	710 U	930 U	930 U	7100	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	24 U	15 U	20 U	20 U	130	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	4700 U	2900 U	3800 U	3800 U	22000	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	230 U	140 U	190 U	190 U	2200	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	4700 U	2900 U	3800 U	3800 U	39000	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	2200 U	1400 U	1800 U	1800 U	22000	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	1500 U	910 U	1200 U	1200 U	15000	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	22 U	14 U	18 U	18 U	29 J	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	110 U	69 U	90 U	90 U	740	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	23 U	15 U	19 U	19 U	19 U	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	23 U	14 U	19 U	19 U	19 U	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	24 U	15 U	19 U	19 U	19 U	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	23 U	14 U	19 U	19 U	19 U	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	23 U	14 U	19 U	19 U	19 U	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	24 U	15 U	19 U	19 U	19 U	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	290	298.2	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	110000	110875	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	280000	280885	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	450000	450895	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	860	868.2	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	170000	170975	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	1600	1608.2	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	480000	482045	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	3100	3108.3	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	75000	75453	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	3700	3708.6	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	240	297.5	--	--	--	46 U	19000 B	3.9 U	3.9 U	3.9 U	3.9 U	14
E-SB-887-0-2	E-SB-887	0	2	20120530	320	374.5	--	--	--	47 U	15000 B	3.7 U	3.8 J	4 J	7 J	12
E-SB-888-0-2	E-SB-888	0	2	20120530	2000	2277	--	--	--	43 U	29000 B	6 J	10	8	21	26
E-SB-889-0-2	E-SB-889	0	2	20120530	910	1186	--	--	--	53 U	43000 B	4.4 J	8	11	7.3 J	28
E-SB-890-0-2	E-SB-890	0	2	20120530	320000	375500	--	--	--	470	2400000	35	24	3.7 U	3.7 U	24
E-SB-891-0-2	E-SB-891	0	2	20120530	140	195.5	--	--	--	47 U	14000 B	3.7 U	3.7 U	9.7	3.7 U	20
E-SB-892-0-2	E-SB-892	0	2	20120529	870	1135	--	--	--	44 U	14000 B	3.7 J	4.6 J	20	3.8 J	34
E-SB-893-0-2	E-SB-893	0	2	20120530	1600	2125	--	--	--	76 J	28000 B	3.6 U	6.1 J	12	6.6 J	33
E-SB-894-0-2	E-SB-894	0	2	20120530	2800	3355	--	--	--	57 U	15000 B	4.3 J	4.1 J	3.8 U	4.7 J	3.8 U
E-SB-895-0-2	E-SB-895	0	2	20120530	3900	4420	--	--	--	79	26000 B	3.6 U	3.6 U	6.4 J	3.6 U	19
E-SB-896-0-2	E-SB-896	0	2	20120529	1400	1955	--	--	--	41 U	28000 B	4.8 J	6.7 J	43	6.8 J	110
E-SB-897-0-2	E-SB-897	0	2	20120529	4200	4765	--	--	--	49 J	110000	16 J	21	130	35	320
E-SB-898-0-2	E-SB-898	0	2	20120530	52	106.5	--	--	--	51 J	13000 B	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	0 U	77	--	--	--	72 J	17000 B	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U
E-SB-900-0-2	E-SB-900	0	2	20120531	790	1066	--	--	--	44 U	10000 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-901-0-2	E-SB-901	0	2	20120531	0 U	64.5	--	--	--	40 U	10000 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-902-0-2	E-SB-902	0	2	20120530	37	92.5	--	--	--	44 U	12000 B	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-903-0-2	E-SB-903	0	2	20120531	0 U	64	--	--	--	37 U	10000 UJ	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U
E-SB-904-0-2	E-SB-904	0	2	20120531	86	141.5	--	--	--	40 U	11000 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-905-0-2	E-SB-905	0	2	20120531	0 U	64	--	--	--	39 U	65000	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U
E-SB-906-0-2	E-SB-906	0	2	20120531	0 U	63	--	--	--	47 B	10000 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U
E-SB-907-0-2	E-SB-907	0	2	20120531	18	70	--	--	--	46 B	9900 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
E-SB-908-0-2	E-SB-908	0	2	20120531	0 U	64	--	--	--	43 B	10000 U	3.7 UJ	3.7 UJ	3.7 UJ	3.7 UJ	3.7 UJ
E-SB-909-0-2	E-SB-909	0	2	20120531	0 U	61.5	--	--	--	48 B	10000 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U
E-SB-910-0-2	E-SB-910	0	2	20120531	0 U	61.5	--	--	--	35 U	9900 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	540	799	--	--	--	--	--	3.5 U	3.5 U	8.9	3.5 U	14
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	7100	9810	--	--	--	--	--	11	12	48	25	97
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	130	186.5	--	--	--	--	--	3.8 U	3.8 U	3.8 U	3.8 U	7.9
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	22000	32950	--	--	--	--	--	37	48	280	15 U	520
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	2200	2740	--	--	--	--	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	39000	49950	--	--	--	--	--	49	63	170	90	390
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	22000	27200	--	--	--	--	--	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	15000	18445	--	--	--	--	--	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	29	81	--	--	--	--	--	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	740	999	--	--	--	--	--	3.4 U	3.4 U	8.2	10	24
E-SB-960-1-2	E-SB-960	1	2	20120628	0 U	64.5	--	--	--	--	--	11	18	5.2 J	3.6 U	5.2 J
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	0 U	63.5	--	--	--	--	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	0 U	65	--	--	--	--	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	0 U	63	--	--	--	--	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	0 U	64	--	--	--	--	--	3.6 U	3.6 U	3.6 U	3.6 U	5.6 J
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	0 U	65	--	--	--	--	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	95.26	93.31	--	69	72	93	56	42	90	3.9 U	140	3.9 U
E-SB-887-0-2	E-SB-887	0	2	20120530	81.634	81.634	--	59	55	70	39	37	64	9.7	100	3.7 U
E-SB-888-0-2	E-SB-888	0	2	20120530	179.74	179.74	--	120	120	160	96	71	130	23	210	9.7
E-SB-889-0-2	E-SB-889	0	2	20120530	179.75	179.75	--	120	120	160	95	82	130	23	210	9.3
E-SB-890-0-2	E-SB-890	0	2	20120530	61.768	59.918	--	28	47	64	74	27	48	3.7 U	3.7 U	3.7 U
E-SB-891-0-2	E-SB-891	0	2	20120530	188.06	188.06	--	130	130	160	88	52	140	21	250	7.5
E-SB-892-0-2	E-SB-892	0	2	20120529	204.64	204.64	--	150	140	190	84	79	150	22	280	14
E-SB-893-0-2	E-SB-893	0	2	20120530	133.98	132.18	--	110	100	140	84	47	110	3.6 U	230	10
E-SB-894-0-2	E-SB-894	0	2	20120530	32.779	30.879	--	16	25	18	27	6.5 J	14	3.8 U	23	3.8 U
E-SB-895-0-2	E-SB-895	0	2	20120530	118.261	116.461	--	90	89	120	68	58	81	3.6 U	160	5.3 J
E-SB-896-0-2	E-SB-896	0	2	20120529	462.24	462.24	--	370	310	430	190	190	340	53	730	38
E-SB-897-0-2	E-SB-897	0	2	20120529	2103.9	2103.9	--	1500	1400	2100	920	930	1600	250	3200	100
E-SB-898-0-2	E-SB-898	0	2	20120530	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U	4.5 J	3.7 U
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	4.4 U	4.4 U	--	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	1.5 U	4.4 U	4.4 U	4.4 U
E-SB-900-0-2	E-SB-900	0	2	20120531	31.565	29.715	--	13	23	28	25	9.9	16	3.7 U	29	3.7 U
E-SB-901-0-2	E-SB-901	0	2	20120531	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U	3.7 U	3.7 U
E-SB-902-0-2	E-SB-902	0	2	20120530	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U
E-SB-903-0-2	E-SB-903	0	2	20120531	3.6 U	3.6 U	--	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	1.2 U	3.6 U	3.6 U	3.6 U
E-SB-904-0-2	E-SB-904	0	2	20120531	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U
E-SB-905-0-2	E-SB-905	0	2	20120531	18.281	16.481	--	9	12	11	28	6.3 J	18	3.6 U	120	3.6 U
E-SB-906-0-2	E-SB-906	0	2	20120531	5.838	2.058	--	8.9	3.6 U	11	3.6 U	5.4 J	14	3.6 U	55	3.6 U
E-SB-907-0-2	E-SB-907	0	2	20120531	3.5 U	3.5 U	--	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	1.2 U	3.5 U	3.5 U	3.5 U
E-SB-908-0-2	E-SB-908	0	2	20120531	3.7 U	3.7 U	--	3.7 UJ	3.7 UJ	3.7 UJ	3.7 UJ	3.7 UJ	1.2 UJ	3.7 UJ	3.7 UJ	3.7 UJ
E-SB-909-0-2	E-SB-909	0	2	20120531	3.6 U	3.6 U	--	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	1.2 U	3.6 U	3.6 U	3.6 U
E-SB-910-0-2	E-SB-910	0	2	20120531	3.6 U	3.6 U	--	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	1.2 U	3.6 U	3.6 U	3.6 U
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	76.195	74.445	--	62	56	83	40	38	65	3.5 U	120	8.8
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	754.94	754.94	--	510 J	490	820	350	440	540 J	95	1100	41
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	29.122	27.222	--	20	21	29	14	10	22	3.8 U	34	3.8 U
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	1212.7	1212.7	--	950	830	1000	470	560	1100	130	2200	250
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	34.96	33.11	--	24	26	30	19	18	30	3.7 U	46	3.7 U
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	3466.9	3466.9	--	2300	2400	3400	1800	1400	2900	330	4900	150
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	38.416	36.666	--	22	28	39	27	23	36	3.5 U	45	3.5 U
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	46.522	44.772	--	28	34	51	26	23	42	3.5 U	51	3.5 U
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	3.5 U	3.5 U	--	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	1.2 U	3.5 U	3.5 U	3.5 U
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	236.2	236.2	--	170	160	240	140	100	200	23	290	3.4 U
E-SB-960-1-2	E-SB-960	1	2	20120628	20.396	18.596	--	17	14	18	12	12	16	3.6 U	29	5.5 J
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U	3.7 U	3.7 U
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U	5.7 J	3.7 U
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	7.3237	5.0852	--	3.7 U	4.5 J	5.8 J	3.7 U	3.7 U	5.2 J	3.7 U	8	3.7 U
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	31.075	29.275	--	21	22	33	18	15	25	3.6 U	43	3.6 U
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	4.9791	0.89	--	3.7 U	3.7 U	8.9	3.7 U	3.7 U	1.2 U	3.7 U	10	3.7 U
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE												
												RADIONUCLIDES (PCI/G)				
					INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	46	3.9 U	68	130	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	36	4.4 J	50	92	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	79	15	100	190	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	78	6.7 J	100	180	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	34	17	30	120	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	74	3.7 U	120	240	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	77	11	150	220	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	66	9.1	110	170	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	24	7 J	13	23	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	58	4.3 J	64	110	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	170	8.5	460	550	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	830	32	1500	2400	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	3.7 U	3.7 U	3.7 U	3.7 U	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	4.4 U	4.4 U	4.4 U	4.4 U	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	25	3.7 U	12	24	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	3.7 U	3.7 U	3.7 U	3.7 U	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	3.8 U	3.8 U	3.8 U	3.8 U	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	3.6 U	3.6 U	3.6 U	3.6 U	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	3.8 U	3.8 U	3.8 U	3.8 U	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	24	3.6 U	130	71	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	3.6 U	3.6 U	47	30	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	3.5 U	3.5 U	3.5 U	3.5 U	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	3.7 UJ	3.7 UJ	3.7 UJ	3.7 UJ	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	3.6 U	3.6 U	3.6 U	3.6 U	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	3.6 U	3.6 U	3.6 U	3.6 U	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	35	4.1 J	73	95	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	320	16	560	800 J	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	12	3.8 U	30	30	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	510	63	2000	1600	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	15	3.7 U	22	41	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	1500	110	2200	4300	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	23	7.4	24	41	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	26	3.5 U	24	44	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	3.5 U	3.5 U	3.5 U	3.5 U	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	110	9.6	130	290	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	9.6	25	25	23	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	3.7 U	3.7 U	3.7 U	3.7 U	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	3.7 U	5.6 J	3.7 U	3.9 J	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	3.7 U	3.7 U	5.2 J	8.4	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	17	3.6 U	24	36	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	3.7 U	3.7 U	3.7 U	7.4 J	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	0.336 J	0.132 J	0.468 J	1.03	--	--	0.0214 U	--	0.167 J
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	0.821 J	0.538 J	0.701 J	0.369 J	--	--	0.0559 U	--	0.257 J
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	0.802 J	0.468 J	0.648 J	0.268 J	--	--	0.00938 U	--	0.387 J
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	0.566 J	0.361 J	0.617 J	0.73 J	--	--	0.00474 U	--	0.875 J
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	0.858 J	0.535 J	0.603 J	0.184 U	--	--	-0.00672 U	--	0.335 J
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	0.543 J	0.396 J	0.602 J	0.404 J	--	--	0.0136 U	--	0.366 J
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	0.797 J	0.46 J	0.576 J	0.483 J	--	--	0.0226 U	--	0.436 J
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	0.567 J	0.523 J	0.621 J	0.365 J	--	--	0.0566 U	--	0.29 J
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	0.294 J	0.103 J	0.252 J	0.191 J	--	--	0.0105 U	--	0.105 J

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE											TCLP METALS (MG/L)	
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)											
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	NORMAL
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	NORMAL
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	NORMAL
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	NORMAL
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	NORMAL
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	NORMAL
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	NORMAL
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	NORMAL
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	NORMAL
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	NORMAL
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	NORMAL
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	BACKFILL
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	BACKFILL
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	BACKFILL
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	BACKFILL
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	BACKFILL
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	BACKFILL
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	BACKFILL
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	NORMAL
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	NORMAL
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	BACKFILL
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	BACKFILL
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	BACKFILL
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	BACKFILL
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	NORMAL
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	NORMAL
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	NORMAL
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	NORMAL
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	NORMAL
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	NORMAL
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	NORMAL
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	BACKFILL
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	BACKFILL
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	NORMAL
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	BACKFILL
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	NORMAL
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	NORMAL
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	NORMAL
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	NORMAL
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	NORMAL
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	NORMAL
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	NORMAL
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	NORMAL

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	6.2	3.6	90
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	0.64	3.4	30	4.4	48	--	450	--	2.4	1.5 J	21	0.56 J
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE								MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS (UG/K
					SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	0.7 J	0.59 U	--	--	--	33	450	--	--	0.29 U	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G) HEXACHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	PCBS (UG/KG) AROCLOR-1016	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	23 U	15 U	19 U	19 U	19 U	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	24 U	15 U	19 U	19 U	19 U	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	24 U	15 U	19 U	19 U	19 U	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	180 U	110 U	140 U	140 U	720	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	24 U	15 U	20 U	20 U	22 J	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	230 U	140 U	180 U	180 U	1300	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	23 U	14 U	18 U	18 U	39	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	29000 U	18000 U	23000 U	23000 U	320000	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	1200 U	750 U	980 U	980 U	7600	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	11000 U	7000 U	9200 U	9200 U	87000	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	23 U	14 U	19 U	19 U	210	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	11000 U	7000 U	9200 U	9200 U	35000	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	24 U	15 U	19 U	19 U	19 U	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	4400 U	2700 U	3600 U	3600 U	27000	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	2200 U	1400 U	1800 U	1800 U	16000	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	11000 U	6600 U	39000	8600 U	97000	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	25 U	15 U	20 U	20 U	32 J	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	4600 U	2800 U	3700 U	3700 U	55000	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	240 U	150 U	200 U	200 U	730	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	40000 U	25000 U	33000 U	33000 U	800000	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	44000 U	27000 U	36000 U	36000 U	720000	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	11000 U	6600 U	8700 U	8700 U	110000	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	23 U	14 U	19 U	19 U	220	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	430 U	270 U	350 U	350 U	8000	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	25 U	15 U	20 U	20 U	81	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	110000 U	70000 U	92000 U	92000 U	990000	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	120 U	77 U	100 U	100 U	920	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	120 U	73 U	95 U	95 U	240	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	120 U	76 U	99 U	99 U	410	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	24 U	15 U	20 U	20 U	20 U	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	480 U	290 U	380 U	380 U	3700	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	4700 U	2900 U	3800 U	3800 U	34000	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	12000 U	7200 U	9400 U	9400 U	60000	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	24 U	15 U	19 U	19 U	54	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	4500 U	2800 U	3700 U	3700 U	22000	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	480 U	300 U	390 U	390 U	2500	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	1100 U	710 U	920 U	920 U	14000	--
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	230 U	140 U	190 U	190 U	1100	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	12000 U	7300 U	9600 U	9600 U	34000	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	12000 U	7100 U	9300 U	9300 U	74000	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	120 U	74 U	97 U	97 U	270	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	23 U	15 U	19 U	19 U	140	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	220 U	140 U	180 U	180 U	620	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	1400 U	860 U	1100 U	1100 U	7200	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	470 U	290 U	380 U	380 U	4900	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	2400 U	1500 U	2000 U	18000 J	2000 U	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	2500 U	1500 U	2000 U	24000	2000 U	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	0 U	64.5	--	--	--	--	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	0 U	65	--	--	--	--	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	0 U	65	--	--	--	--	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	720	1130	--	--	--	--	--	16	20	79	29	160
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	22	78.5	--	--	--	--	--	4.7 J	7.1 J	48	3.8 U	78
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	1300	1825	--	--	--	--	--	55 J	62 J	470	86	1000
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	39	91.5	--	--	--	--	--	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	320000	387000	--	--	--	--	--	1200	1700	15000	650 J	13000
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	7600	10425	--	--	--	--	--	4.3 U	4.3 U	4.3 U	4.3 U	6.1 J
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	87000	113300	--	--	--	--	--	18 U	18 U	210	26 J	320
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	210	264	--	--	--	--	--	3.6 U	4 J	48	3.8 J	58
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	35000	61350	--	--	--	--	--	260 J	320 J	3900	390	5400
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	0 U	65	--	--	--	--	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	27000	37250	--	--	--	--	--	270	280	240	3300	2100
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	16000	21200	--	--	--	--	--	72 U	72 U	840	72 U	2700
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	136000	156700	--	--	--	--	--	14 U	14 U	130	26 J	240
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	32	89.5	--	--	--	--	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	55000	65650	--	--	--	--	--	110	110	740	44 U	1300
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	730	1300	--	--	--	--	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	800000	894500	--	--	--	--	--	68 U	68 U	280	99 J	680
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	720000	823500	--	--	--	--	--	35 U	35 U	35 U	35 U	77
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	110000	135100	--	--	--	--	--	20 J	22 J	100	15 J	200
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	220	273.5	--	--	--	--	--	3.6 U	3.6 U	3.6 U	3.6 U	7.4
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	8000	9010	--	--	--	--	--	47 J	46 J	390	48 J	540
E-SB-983-0-2	E-SB-983	0	2	20120719	81	138.5	--	--	--	--	--	3.9 U	3.9 U	15	3.9 U	33
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	990000	1253500	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	920	1206.5	--	--	--	--	--	4 U	4 U	4 U	4 U	4 U
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	240	515	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	410	694.5	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	0 U	66.5	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	3700	4805	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	34000	44950	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	60000	87300	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	54	109.5	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	22000	32600	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	2500	3620	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	14000	16640	--	--	--	--	--	--	--	--	--	--
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	1100	1640	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	34000	61700	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	74000	101100	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	270	549.5	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	140	195	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	620	1140	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	7200	10445	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	4900	6000	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	18000	23650	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	24000	29750	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
				Units	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U	3.7 U	3.7 U
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U	3.7 U	3.7 U
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	16.488	14.638	--	14	11	15	7.2 J	5.6 J	12	3.7 U	22	3.7 U
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	1133.38	1129.53	--	870	850	1300	590	760	930	7.7 U	1700	55
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	174.81	172.91	--	170	130	170	85	85	160	3.8 U	380	39
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	4274.9	4256.9	--	3700	3200	4700	2000	2300	3900	36 U	8000	370
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	3.5 U	3.5 U	--	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	1.2 U	3.5 U	3.5 U	3.5 U
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	45369	45139	--	43000	34000	47000	21000	20000	39000	460 U	89000	8200
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	53.679	51.529	--	31	39	64	45	19	39	4.3 U	53	4.3 U
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	2795.2	2795.2	--	1900	1900	2600	1200	1300	2200	320	3700	150
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	250.21	248.41	--	210	190	250	120	120	210	3.6 U	430	29
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	21539	21449	--	19000 J	16000	25000	10000	11000	19000 J	180 U	42000	2400
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	4.4991	0.41	--	3.7 U	3.7 U	4.1 J	3.7 U	3.7 U	1.2 U	3.7 U	4.4 J	3.7 U
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	4912.2	4895.2	--	3600 J	3800 J	4600 J	3400 J	2100 J	4200 J	34 UJ	6100	640
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	12383.4	12383.4	--	9700	8600	11000	4900	4400	9400	1200	20000	1000
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	2024.8	2024.8	--	1300	1300	2100	850	730	1500	290	2700	110
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	5.75965	1.75	--	8	3.8 U	9.5	3.8 U	3.8 U	1.3 U	3.8 U	13	3.8 U
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	8274.6	8274.6	--	5600	5400	7800	4400	3800	6600	1100	12000	510
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	3608.4	3574.4	--	2500	2700	4100	2600	2200	2400	68 U	5300	270
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	1213.82	1196.32	--	790 J	910	1400	790	740	920 J	35 U	1500	35 U
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	1258.01	1251.01	--	920	940	1500	740	710	910	14 U	2100	86
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	81.273	79.473	--	59	60	89	52	40	73	3.6 U	120	3.6 U
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	3631.4	3614.4	--	3000	2700	4200	2200	2100	3400	34 U	7000	290
E-SB-983-0-2	E-SB-983	0	2	20120719	188.31	186.36	--	170	140	190	93	100	160	3.9 U	370	9.5
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	4 U	4 U	--	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U	4 U	4 U
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	3.7 U	3.7 U	3.7 U	3.7 U	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	3.7 U	3.7 U	3.7 U	3.7 U	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	6.7 J	3.7 U	11	18	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	540	23	730	1200	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	79	19	320	270	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	1900	66 J	4500	5600	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	3.5 U	3.5 U	3.5 U	3.5 U	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	19000	4400	63000	61000	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	28	4.3 U	27	44	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	1100	32 J	2000	3200	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	110	8.6	270	330	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	9200	620	24000	29000 J	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	3.7 U	3.7 U	3.7 U	5.6 J	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	2500 J	300	3500	7500 J	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	4600	160	11000	17000	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	860	22 J	1300	2200	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	3.8 U	3.8 U	3.8 U	11	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	3900	190	6600	9800	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	3.8 U	3.8 U	3.8 U	3.8 U	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	1900	68 U	2700	3000	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	590	35 U	260	1100	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	610	25 J	1100	1400	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	42	3.6 U	36	95	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	1700	58 J	3900	5000	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	92	3.9 U	160	230	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	4 U	4 U	4 U	4 U	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	0.447 J	0.0614 U	0.377 J	0.272 J	--	--	0.00876 U	--	0.174 J
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	0.322 J	0.171 J	0.551 J	0.12 J	--	--	0.0358 U	--	0.192 J
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	0.384 J	0.153 J	0.153 J	0.329 J	--	--	0.0618 U	--	0.117 J
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	0.614 J	0.491 J	0.47 J	0.546 J	--	--	0.0476 U	--	0.354 J
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	0.37 J	0.295 J	0.469 J	0.843 J	--	--	0.0236 U	--	0.213 J
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	0.462 J	0.215 J	0.67 J	0.0636 U	--	--	-0.00135 U	--	0.162 J
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	0.431 J	0.154 J	0.494 J	13.8	--	--	0.335 J	--	0.623 J
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	0.386 J	0.35 J	0.364 J	0.202 J	--	--	-0.00147 U	--	0.157 J
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	0.25 UJ	0.157 J	0.364 J	2.88	--	--	0.113 J	--	0.209 J
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	0.519 J	0.281 J	0.37 J	0.265 J	--	--	0 U	--	0.249 J
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	0.632 J	0.292 J	0.971 J	0.346 J	--	--	0.0232 U	--	0.284 J
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	0.826 J	0.644 J	0.561 J	0.282 J	--	--	0 UJ	--	0.136 UJ
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	0.59 J	0.373 J	0.686 J	0.233 J	--	--	0.0117 U	--	0.314 J
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	0.259 J	0.255 J	0.272 J	4.08	--	--	0.0873 J	--	0.565 J
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	0.307 J	0.477 J	0.479 J	0.405 J	--	--	0.0684 J	--	0.385 J
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE											TCLP METALS (MG/L)	
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)											
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	0.42 U	0.19 U	0.3 U	0.72 U	0.4 U	0.39 U	0.73 U	1.9 J	0.23 U	52	0.49 U	0.37 U
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	0.4 U	0.29 U	0.18 U	1.3 U	--	0.74 U	0.21 U	0.26 U	0.44 U	0.39 U	0.2 U	0.17 U
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	NORMAL
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	NORMAL
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	NORMAL
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	NORMAL
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	NORMAL
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	NORMAL
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	BACKFILL
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	BACKFILL
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	BACKFILL
E-SB-983-0-2	E-SB-983	0	2	20120719	8.4 UR	0.58 U	0.3 U	0.74 U	--	0.46 U	0.47 U	NORMAL
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	NORMAL
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	NORMAL
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	NORMAL
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	NORMAL
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	NORMAL
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	BACKFILL
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	NORMAL
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	BACKFILL
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	BACKFILL
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	BACKFILL
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	BACKFILL
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	BACKFILL
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	BACKFILL
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	BACKFILL
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	BACKFILL
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	BACKFILL
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	BACKFILL
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	BACKFILL
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	BACKFILL
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	BACKFILL
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	BACKFILL
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	BACKFILL
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	BACKFILL

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB-030116	PUSTB	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTC-030116	PUSTC	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTD-030816	PUSTD	2	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	--	--	--	--	--	--	--	--	--	2.8 UL	1.1	--
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	--	--	--	--	--	--	--	--	--	2.9 U	0.98	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB-030116	PUSTB	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTC-030116	PUSTC	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTD-030816	PUSTD	2	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	2.8 U	2.8 U	19 J	--	8.2	--	3	--	0.11 U	--	6.5	2.8 U
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	2.9 U	2.9 U	10 K	--	15	--	2.9 UJ	--	0.11 U	--	7.5	2.9 U

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE								MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS (UG/K
					SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB-030116	PUSTB	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTC-030116	PUSTC	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTD-030816	PUSTD	2	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	2.8 UR	2.2 U	--	--	--	--	28 UL	--	--	--	--	--
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	2.9 UL	2.3 UL	--	--	--	--	29 UL	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G) HEXACHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	PCBS (UG/KG) AROCLOR-1016	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	1300 U	800 U	1100 U	1100 U	8800 J	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	2400 U	1500 U	2000 U	38000 J	2000 U	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	460 U	290 U	370 U	6300	370 U	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	24 U	15 U	30 J	19 U	62	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	240 U	150 U	190 U	3200 J	190 U	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	480 U	300 U	390 U	6100 J	390 U	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	2400 U	1500 U	2000 U	2000 U	19000	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	1200 U	740 U	960 U	960 U	4400	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	1200 U	770 U	1000 U	1000 U	9700	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	11000 U	6900 U	9000 U	9000 U	44000	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	4600 U	2900 U	3700 U	3700 U	32000	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	12000 U	7700 U	10000 U	10000 U	32000	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	1200 U	720 U	940 U	940 U	3600	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	12000 U	7200 U	9400 U	100000	9400 U	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	250 U	150 U	200 U	200 U	3300	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	1300 U	780 U	1000 U	1000 U	14000	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	4800 U	3000 U	3900 U	85000	3900 U	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	4700 U	2900 U	3800 U	76000	3800 U	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	120 U	72 U	94 U	94 U	740	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	230 U	140 U	180 U	180 U	3000	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	220 U	140 U	180 U	180 U	2000	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	2400 U	1500 U	1900 U	1900 U	30000	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	12000 U	7600 U	9900 U	9900 U	80000	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	4800 U	3000 U	3900 U	3900 U	45000	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	4600 U	2800 U	3700 U	3700 U	22000	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	1200 U	740 U	960 U	960 U	8800	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	2300 U	1400 U	1800 U	1800 U	8900	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	12000 U	7500 U	9900 U	9900 U	39000	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	12000 U	7500 U	9900 U	9900 U	62000	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	12000 U	7200 U	9500 U	9500 U	36000	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	2500 U	1500 U	2000 U	2000 U	23000	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	11000 U	7000 U	9200 U	9200 U	27000	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	2700 U	1700 U	2200 U	2200 U	26000	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	230 U	140 U	190 U	190 U	620	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	23 U	14 U	19 U	19 U	19 U	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	23 U	15 U	19 U	19 U	19 U	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	22 U	14 U	18 U	18 U	18 U	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	24 U	15 U	20 U	20 U	140	--
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	22 U	14 U	18 U	18 U	86	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	23 U	14 U	19 U	19 U	19 U	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	23 U	14 U	19 U	19 U	19 U	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	25 U	15 U	20 U	20 U	20 U	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	240 U	150 U	190 U	1800	190 U	--
PUSTA-022916	PUSTA	1	1	20160229	--	--	--	--	--	--	28000 U	26000 U	19000 U	33000 U	530000	23000 U
PUSTB-030116	PUSTB	1.5	1.5	20160301	--	--	--	--	--	--	6700 U	6100 U	4400 U	7800 U	74000	5600 U
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	--	--	--	--	--	--	690 U	630 U	460 U	800 U	13000	570 U
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	--	--	--	--	--	--	2900 U	2600 U	1900 U	3300 U	65000	2400 U
PUSTC-030116	PUSTC	1.5	1.5	20160301	--	--	--	--	--	--	720 U	660 U	480 U	830 U	8500	600 U
PUSTD-030816	PUSTD	2	2	20160308	--	--	--	--	--	--	140 U	130 U	96 U	170 U	990	120 U
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	--	--	--	--	--	--	280 U	280 U	280 U	280 U	280 U	--
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	39 U	39 U	39 U	39 U	94	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	37 U	37 U	37 U	37 U	140	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	39 U	39 U	39 U	39 U	39 U	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	37 U	32 J	37 U	37 U	80	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	39 U	39 U	39 U	39 U	8.5 J	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	37 U	37 U	37 U	37 U	1070	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	37 U	37 U	37 U	37 U	37 U	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	37 U	58	37 U	37 U	108	--
SB-2A-01	SB-002A	1	1	20040920	--	--	--	--	--	--	290 U	290 U	290 U	290 U	290 U	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	8800	11880	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	38000	43700	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	6300	7375	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	92	138	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	3200	3755	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	6100	7225	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	19000	24700	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	4400	7175	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	9700	12575	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	44000	69900	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	32000	42750	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	32000	60750	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	3600	6330	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	100000	127350	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	3300	3880	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	14000	16940	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	85000	96250	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	76000	87000	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	740	1013.5	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	3000	3525	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	2000	2520	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	30000	35550	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	80000	108450	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	45000	56250	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	22000	32700	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	8800	11580	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	8900	14150	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	39000	67350	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	62000	90350	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	36000	63450	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	23000	28750	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	27000	53350	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	26000	32300	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	620	1165	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	0 U	64	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	0 U	64.5	--	--	--	--	--	--	--	0.86 U	0.39 U	0.88 U
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	0 U	61	--	--	--	--	--	--	--	0.79 U	0.37 U	0.81 U
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	140	197	--	--	--	--	--	--	--	5.7 J	0.4 U	13
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	86	138	--	--	--	--	--	--	--	0.79 U	0.36 U	9.4
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	0 U	64	--	--	--	--	--	--	--	0.84 U	0.39 U	0.86 U
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	0 U	63.5	--	--	--	--	--	--	--	8	0.38 U	20
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	0 U	68	--	--	--	--	--	--	--	0.89 U	0.41 U	0.92 U
E-VS-8-081913	E-VS-08	0	1.5	20130819	1800	2355	--	--	--	--	--	--	--	0.85 U	0.39 U	6 J
PUSTA-022916	PUSTA	1	1	20160229	530000	651500	930	--	--	53 U	--	--	--	--	--	--
PUSTB-030116	PUSTB	1.5	1.5	20160301	74000	102850	350	--	--	51 U	--	--	--	--	--	--
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	13000	15960	110	--	--	53 U	--	--	--	--	--	--
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	65000	77400	560	--	--	55 U	--	--	--	--	--	--
PUSTC-030116	PUSTC	1.5	1.5	20160301	8500	11605	250	--	--	1000	--	--	--	--	--	--
PUSTD-030816	PUSTD	2	2	20160308	990	1613	28	--	--	55 U	--	--	--	--	--	--
SB-04B-01	SB-004	1	1	20050512	0 U	133	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	0 U	980	--	11000 U	110 U	--	--	--	380 U	380 U	380 U	380 U
SB-232-01	SB-232	1	1	20050512	94	211	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	140	251	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	0 U	136.5	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	112	204.5	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	8.5	125.5	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	1070	1181	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	0 U	129.5	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	166	258.5	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	0 U	1015	--	12000 U	120 U	--	--	--	390 U	390 U	390 U	390 U

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	0.72 U	0.72 U	--	0.71 U	0.72 U	0.66 U	0.39 U	0.77 U	1.2 U	0.74 U	0.62 U	0.6 U
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	4.94055	4.5735	--	4.7 J	3.6 J	5 J	0.37 U	0.71 U	3.5 J	0.69 U	5.9 J	0.55 U
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	65.669	65.669	--	46	43	70	35	12	49	8.1	98	4 J
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	47.768	47.423	--	38	36	53	25	18	43	0.69 U	75	4.1 J
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	0.71 U	0.71 U	--	0.7 U	0.71 U	0.65 U	0.39 U	0.75 U	1.2 U	0.73 U	0.61 U	0.59 U
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	87.086	86.721	--	73	65	100	49	24	81	0.73 U	170	7.1 J
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.77 U	0.65 U	0.62 U
E-VS-8-081913	E-VS-08	0	1.5	20130819	32.328	31.958	--	25	24	35	23	13	28	0.74 U	46	0.59 U
PUSTA-022916	PUSTA	1	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB-030116	PUSTB	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTC-030116	PUSTC	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTD-030816	PUSTD	2	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	380 U	380 U	7.16091	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	390 U	390 U	58.1273	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE												
												RADIONUCLIDES (PCI/G)				
					INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	0.39 U	0.92 U	0.82 U	0.5 U	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	0.37 U	0.86 U	0.76 U	5 J	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	28	0.93 U	53	73	--	--	--	--	--	--	--	--
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	21	5 J	28	56	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	0.39 U	0.91 U	0.81 U	0.49 U	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	41	0.9 U	120	140	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	0.41 U	0.96 U	0.86 U	0.52 U	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	18	0.92 U	25	41	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB-030116	PUSTB	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTC-030116	PUSTC	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTD-030816	PUSTD	2	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	0.15 U	0.1 U	0.38 UJ	0.08 U	0.3 UJ	0.42 J
SB-1A-SS	SB-001A	0	1	20040921	380 U	380 U	380 U	380 U	0 U	--	--	--	--	--	--	--
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	390 U	390 U	390 U	390 U	0 U	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	--	--	--	--	--	0.902	--	--	0.103	--	--	--
PUSTB-030116	PUSTB	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTC-030116	PUSTC	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTD-030816	PUSTD	2	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	3.4	0.51 UJ	0.1 U	--	--	--	--	--	-0.22 U	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	10 U	12 J	27 U	58 U	140	13 J	27 U	330	1782.5	1782.5	1100	1200
PUSTB-030116	PUSTB	1.5	1.5	20160301	200 U	28 U	520 U	1100 U	1400	660	520 U	5600	60052	60052	40000	40000
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	41 U	5.8 U	110 U	230 U	380	140	110 U	950	6742.5	6742.5	4200	4700
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	220 J	1200	140 U	300 U	470	120	370 J	1000	13330.4	13330.4	7100	9000
PUSTC-030116	PUSTC	1.5	1.5	20160301	42 U	120	110 U	240 U	1100	140	110 U	2100	9911	9911	7600	6800
PUSTD-030816	PUSTD	2	2	20160308	4.2 U	0.61 U	11 U	24 U	0.92 U	0.42 U	11 U	0.94 U	24.765	24.344	19	19
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	380 U	--	940 U	380 U	--	--	380 U	--	--	--	--	--
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	390 U	--	980 U	390 U	--	--	390 U	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	1700	940	630	56 U	29 U	110 U	230	1200	220	46 J	47 U	44 U
PUSTB-030116	PUSTB	1.5	1.5	20160301	60000	23000	21000	1600 J	570 U	2100 U	1500 J	42000	7500	720 J	910 U	850 U
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	6900	2600	2800	220 U	120 U	430 U	520 J	4500	660	120 J	190 U	170 U
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	14000	6100	5200	840 J	470 J	550 U	600 J	8400	1600	200 J	240 U	1400 J
PUSTC-030116	PUSTC	1.5	1.5	20160301	9800	3300	4300	230 U	120 U	440 U	1200	8000	990	400 J	190 U	180 U
PUSTD-030816	PUSTD	2	2	20160308	33	17	12	41 U	12 U	45 U	33 U	24	0.8 U	0.8 U	19 U	18 U
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	--	--	--	380 U	380 U	140 J	380 U	--	--	380 U	380 U	380 U
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	--	--	--	390 U	390 U	390 U	390 U	--	--	390 U	390 U	390 U

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	TCLP METALS (MG/L) ARSENIC	TCLP METALS (MG/L) BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	2800	110	750	20	27 U	1500	21 U	2000	14665	14665	0.0049 U	0.75 U
PUSTB-030116	PUSTB	1.5	1.5	20160301	80000	1000	23000	250 J	520 U	21000	420 U	79000	445410	445424	0.0029 U	1.2 U
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	8200	280	2400	63 J	160 J	3800	85 U	7400	49973	49975.9	0.0029 U	1.1 U
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	14000	380	5600	710	140 U	4900	110 U	13000	92780	92780	0.0041 U	1.2 U
PUSTC-030116	PUSTC	1.5	1.5	20160301	16000	880	3300	140	110 U	9400	87 U	14000	87970	87970	0.0039 U	0.25 U
PUSTD-030816	PUSTD	2	2	20160308	38	0.64 U	0.42 U	0.99 U	11 U	16	8.8 U	32	--	--	0.0049 J	0.29 U
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	--	--	--	--	940 U	--	380 U	--	--	--	--	--
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	--	--	--	--	980 U	--	390 U	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)											
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	0.021 U	0.0048 U	0.4 U	0.00009 U	0.004 U	--	--	--	--	--	--	--
PUSTB-030116	PUSTB	1.5	1.5	20160301	0.022 U	0.0053 U	0.1 U	0.0001 J	0.004 U	--	--	--	--	--	--	--
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	0.034 U	0.008 U	0.57	0.00009 U	0.004 U	--	--	--	--	--	--	--
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	0.067 U	0.01 U	0.45 U	0.00011 J	0.004 U	--	--	--	--	--	--	--
PUSTC-030116	PUSTC	1.5	1.5	20160301	0.024 U	0.014 U	0.032 U	0.00009 U	0.004 U	120 NJ	--	31 NJ	--	--	190 NJ	--
PUSTD-030816	PUSTD	2	2	20160308	0.002 J	0.0025 U	0.0024 J	0.00022 U	0.0051 J	--	--	--	--	--	--	--
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	27 NJ	--
PUSTA-022916	PUSTA	1	1	20160229	--	--	--	--	--	--	--	--	--	--	--
PUSTB-030116	PUSTB	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--
PUSTC-030116	PUSTC	1.5	1.5	20160301	--	--	--	--	64 NJ	34 NJ	--	61 NJ	--	--	51 NJ	47 NJ
PUSTD-030816	PUSTD	2	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB-030116	PUSTB	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
PUSTC-030116	PUSTC	1.5	1.5	20160301	30 NJ	--	--	86 NJ	--	--	--	--	--	--	--	--
PUSTD-030816	PUSTD	2	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	0.35 U	0.16 U	0.25 U	0.59 U	0.33 U	0.32 U	0.6 U	1.3 U	0.19 U	5.8 U	0.4 U	0.3 U
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	0.31 U	0.14 U	0.22 U	0.53 U	0.29 U	0.29 U	0.54 U	1.1 U	0.17 U	62 B	0.36 U	0.27 U
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	0.39 U	0.18 U	0.28 U	0.67 U	0.37 U	0.36 U	0.68 U	3.6 J	0.22 U	38	0.45 U	0.34 U
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	8.5 U	0.14 U	6.2 U	4.2 U	7.3 U	4.1 U	6.8 U	65 J	4.1 U	140 U	23 B	5.4 U
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	0.34 U	0.15 U	0.24 U	0.58 U	0.32 U	0.31 U	0.59 U	1.3 U	0.19 U	60 B	0.4 U	0.3 U
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	0.3 U	0.13 U	0.21 U	0.51 U	0.28 U	0.28 U	0.52 U	1.4 J	0.17 U	32 B	0.35 U	0.26 U
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	0.36 U	0.16 U	0.25 U	0.61 U	0.34 U	0.33 U	0.62 U	1.8 J	0.2 U	32 B	0.41 U	0.31 U
E-VS-8-081913	E-VS-08	0	1.5	20130819	0.4 U	0.18 U	0.28 U	0.68 U	0.38 U	0.37 U	0.69 U	4.9 B	0.22 U	66	0.46 U	0.35 U
PUSTA-022916	PUSTA	1	1	20160229	0.59 J	0.53 U	1.5 J	0.67 U	0.39 U	0.8 U	0.32 U	1.3 U	0.48 U	6.6 U	0.68 UJ	0.61 U
PUSTB-030116	PUSTB	1.5	1.5	20160301	0.53 U	0.49 U	0.41 U	0.62 U	0.36 U	0.74 U	0.3 U	1.2 U	0.44 U	6.1 U	0.63 UJ	0.57 U
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	0.56 U	0.51 U	0.42 U	0.64 U	0.38 U	0.77 U	0.31 U	1.2 U	0.46 U	6.3 U	0.66 UJ	0.59 U
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	0.59 U	0.55 U	0.45 U	0.69 U	0.4 U	0.82 U	0.33 U	1.3 U	0.49 U	6.8 U	0.7 UJ	0.63 U
PUSTC-030116	PUSTC	1.5	1.5	20160301	0.58 U	0.54 U	2.8 J	1.1 J	0.4 U	0.8 U	0.33 U	1.3 U	0.48 U	12 U	0.69 UJ	0.62 U
PUSTD-030816	PUSTD	2	2	20160308	0.57 U	0.53 U	0.44 U	0.67 U	0.39 U	0.79 U	0.32 U	1.3 U	0.47 U	6.5 U	0.68 UJ	0.61 U
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	6 U	--	6 U	6 U	6 U	6 U	6 U	56 U	6 U	56 U	6 U	6 U
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	6 U	--	6 U	6 U	6 U	6 U	6 U	59 U	6 U	59 U	6 U	6 U

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	0.33 U	0.24 U	0.15 U	1.1 U	--	0.61 U	0.17 U	0.21 U	0.37 U	0.32 U	0.16 U	0.14 U
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	0.29 U	0.21 U	0.13 U	0.98 U	--	0.55 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.12 U
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	0.37 U	0.27 U	0.17 U	1.2 U	23	0.69 U	0.2 U	0.24 U	0.41 U	0.36 U	0.19 U	0.15 U
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	44 J	5 J	5.5 U	10 B	68 J	65 U	10 B	6.8 U	12 U	7.2 U	4 U	4.8 U
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	0.32 U	0.23 U	0.14 U	1.1 U	2.6 J	0.6 U	0.17 U	0.21 U	0.36 U	0.31 U	0.16 U	0.13 U
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	0.28 U	0.2 U	0.13 U	0.94 U	3.3 J	0.53 U	0.15 U	0.18 U	0.31 U	0.28 U	0.14 U	0.12 U
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	0.34 U	0.24 U	0.15 U	1.1 U	3.1 J	0.63 U	0.18 U	0.22 U	0.37 U	0.33 U	0.17 U	0.14 U
E-VS-8-081913	E-VS-08	0	1.5	20130819	0.38 U	0.27 U	0.17 U	1.3 U	--	0.7 U	0.2 U	0.24 U	0.42 U	0.37 U	0.19 U	0.16 U
PUSTA-022916	PUSTA	1	1	20160229	0.32 U	0.37 U	0.23 U	0.49 U	--	1.4 U	0.41 U	0.68 U	0.7 U	0.66 U	1.1 U	0.46 U
PUSTB-030116	PUSTB	1.5	1.5	20160301	0.3 U	0.34 U	0.21 U	0.45 U	--	1.5 U	0.37 U	0.63 U	0.64 U	0.61 U	0.97 U	0.43 U
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	0.31 U	0.36 U	0.22 U	0.47 U	--	1.6 U	0.39 U	0.66 U	0.67 U	0.63 U	1 U	0.44 U
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	0.33 U	0.38 U	0.24 U	0.5 U	--	3 U	0.42 U	0.7 U	0.71 U	0.68 U	1.1 U	0.48 U
PUSTC-030116	PUSTC	1.5	1.5	20160301	0.33 U	6.8	0.23 U	40	--	1.2 U	0.41 U	0.69 U	0.7 U	17	1.1 U	0.47 U
PUSTD-030816	PUSTD	2	2	20160308	0.32 U	0.37 U	0.23 U	0.48 U	--	0.85 U	0.4 U	0.68 U	0.69 U	0.65 U	1 U	0.46 U
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	6 U	6 U	6 U	11 U	--	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	6 U	6 U	6 U	12 U	--	9 J	6 U	6 U	6 U	6 U	6 U	6 U

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	BACKFILL
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	BACKFILL
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	BACKFILL
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	BACKFILL
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	BACKFILL
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	BACKFILL
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	BACKFILL
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	BACKFILL
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	BACKFILL
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	BACKFILL
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	BACKFILL
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	BACKFILL
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	BACKFILL
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	BACKFILL
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	BACKFILL
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	BACKFILL
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	BACKFILL
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	BACKFILL
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	NORMAL
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	NORMAL
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	NORMAL
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	BACKFILL
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	NORMAL
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	BACKFILL
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	BACKFILL
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	BACKFILL
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	BACKFILL
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	BACKFILL
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	BACKFILL
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	BACKFILL
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	BACKFILL
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	BACKFILL
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	BACKFILL
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	NORMAL
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	NORMAL
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	7 UR	0.48 U	0.25 U	0.61 U	--	0.38 U	3.4 J	NORMAL
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	6.2 UR	0.42 U	0.22 U	0.55 U	--	0.33 U	0.89 J	NORMAL
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	7.8 UR	0.54 U	0.28 U	0.69 U	--	0.42 U	5.9	NORMAL
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	200 UR	10 U	37 B	10 B	--	7.8 U	1000	NORMAL
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	6.8 UR	0.47 U	0.24 U	0.6 U	--	0.37 U	2.1 J	NORMAL
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	6 UR	0.41 U	0.21 U	0.53 U	--	0.32 U	0.37 J	NORMAL
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	7.1 UR	0.49 U	0.25 U	0.63 U	--	0.38 U	1.8 J	NORMAL
E-VS-8-081913	E-VS-08	0	1.5	20130819	8 UR	0.55 U	0.28 U	0.37 U	--	0.43 U	0.44 U	NORMAL
PUSTA-022916	PUSTA	1	1	20160229	6.6 U	0.93 U	0.31 U	0.63 U	0 U	0.37 U	0.44 U	NORMAL
PUSTB-030116	PUSTB	1.5	1.5	20160301	6.1 U	0.86 U	0.29 U	0.58 U	0 U	0.34 U	0.41 U	NORMAL
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	6.3 U	0.89 U	0.3 U	0.6 U	0 U	0.36 U	0.42 U	NORMAL
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	6.8 U	0.95 U	0.32 U	0.64 U	0 U	0.38 U	0.45 U	NORMAL
PUSTC-030116	PUSTC	1.5	1.5	20160301	13 J	0.93 U	0.39 J	57	57	0.37 U	0.44 U	NORMAL
PUSTD-030816	PUSTD	2	2	20160308	6.6 U	0.92 U	0.31 U	0.62 U	0 U	0.37 U	0.44 U	NORMAL
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	NORMAL
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	NORMAL
SB-1A-SS	SB-001A	0	1	20040921	--	6 U	6 U	--	--	6 U	6 U	NORMAL
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	NORMAL
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	NORMAL
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	NORMAL
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	NORMAL
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	NORMAL
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	NORMAL
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	NORMAL
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	NORMAL
SB-2A-01	SB-002A	1	1	20040920	--	6 U	6 U	--	--	6 U	6 U	NORMAL

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	--	--	--	--	--	--	--	--	--	2.5 U	0.92	--
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	--	--	--	--	--	--	--	--	--	2.9 U	1.2	--
SB-3A-SS	SB-003A	0	1	20040920	--	--	--	--	--	--	--	--	--	2.4 U	1.5	--
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	--	--	--	--	--	--	--	--	--	2.7 UL	1.5	--
SB-500-0001	SB-500	0	1	20071127	--	--	--	--	--	--	--	--	--	0.16 B	1.3 L	25.7
SB-501-0001	SB-501	0	1	20071127	--	--	--	--	--	--	--	--	--	0.55 J	3.4 L	34.5
SB-502-0001	SB-502	0	1	20071127	--	--	--	--	--	--	--	--	--	0.12 B	1.8 L	34
SB-503-0001	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	2.2 J	2.6 L	121 J
SB-503-0001-D	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	0.49 J	2.3	43.2 J
SB-504-0001	SB-504	0	1	20071127	--	--	--	--	--	--	--	--	--	0.089 B	0.53 L	153
SB-505-0001	SB-505	0	1	20071127	--	--	--	--	--	--	--	--	--	0.89	3.5	90
SB-506-0001	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	0.073 B	1.8	19.2
SB-506-0001-D	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	0.059 B	1.7	15
SB-507-0001	SB-507	0	1	20071128	--	--	--	--	--	--	--	--	--	0.13 B	2.1	20.7
SB-508-0001	SB-508	0	1	20071128	--	--	--	--	--	--	--	--	--	0.14 B	2.5	19.3
SB-509-0001	SB-509	0	1	20071129	--	--	--	--	--	--	--	--	--	0.031 L	1.5 J	12.5 K
SB-510-0001	SB-510	0	1	20071128	--	--	--	--	--	--	--	--	--	0.29 L	9.6 J	12.2 K
SB-511-0001	SB-511	0	1	20071129	--	--	--	--	--	--	--	--	--	0.23 L	0.52 J	15.1 K
SB-512-0001	SB-512	0	1	20071129	--	--	--	--	--	--	--	--	--	0.083 L	1.5 J	15.8 K
SB-513-0001	SB-513	0	1	20071129	--	--	--	--	--	--	--	--	--	0.18 L	1.7 J	26.4 K
SB-514-0001	SB-514	0	1	20071129	--	--	--	--	--	--	--	--	--	0.098 L	1.5 J	20.4 K
SB-515-0001	SB-515	0	1	20071129	--	--	--	--	--	--	--	--	--	0.29 L	0.99 J	24.1 K
SB-516-0001	SB-516	0	1	20071130	--	--	--	--	--	--	--	--	--	0.23 L	0.94 L	13.7
SB-517-0001	SB-517	0	1	20071130	--	--	--	--	--	--	--	--	--	0.18 L	1.1 L	15.1
SB-518-0001	SB-518	0	1	20071130	--	--	--	--	--	--	--	--	--	0.18 J	2.2 L	20.1
SB-519-0001	SB-519	0	1	20071130	--	--	--	--	--	--	--	--	--	0.12 J	1.6 L	16
SB-520-0001	SB-520	0	1	20071130	--	--	--	--	--	--	--	--	--	0.22 L	0.82 L	9
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	2.5 U	2.5 U	6.6 K	--	4.4 L	--	3.9 J	--	0.1 U	--	4.3 K	2.5 U
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	2.9 U	2.9 U	15	--	14	--	4.7 J	--	0.12 U	--	10	2.9 U
SB-3A-SS	SB-003A	0	1	20040920	2.4 U	2.4 U	15	--	13	--	82 J	--	0.098 U	--	20	2.4 U
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	2.7 U	2.7 U	18 J	--	11	--	8.9	--	0.12	--	14	2.7 U
SB-500-0001	SB-500	0	1	20071127	0.36	0.2	9.9 K	2.7 J	7 J	13200	15.9 J	48.8 L	0.019 U	0.34 B	4.8	0.29 L
SB-501-0001	SB-501	0	1	20071127	0.76	0.2	13.8 K	4.8 J	7.9 J	13800	12.3 J	53.2 L	0.061	0.42 B	6.7	0.26 L
SB-502-0001	SB-502	0	1	20071127	0.29	0.19	8.4 K	2.2 J	5.6 J	5610	20.4 J	81.6 L	0.02 U	0.22 B	5.8	0.19 UL
SB-503-0001	SB-503	0	1	20071127	0.88 J	1.5 J	33.4 J	5 J	12.7 J	13300	68.2 J	1370 J	0.019 U	0.59 J	11	0.25 L
SB-503-0001-D	SB-503	0	1	20071127	0.32 J	0.82 J	18 J	3.1	11.5 J	8010	38 J	205 J	0.25	0.33 B	6.6	0.24
SB-504-0001	SB-504	0	1	20071127	0.12	0.41 K	12.7 J	4.6	13.8 J	20800	8.6 J	231	0.41	0.78 B	6.9	0.18 U
SB-505-0001	SB-505	0	1	20071127	0.54	6.4	83.7 J	4	26.8 J	9150	278 J	11.2	0.13	1.2 L	18.5	0.42
SB-506-0001	SB-506	0	1	20071128	0.22	0.014 B	7.1 J	2.1	3.8 J	13700	4 J	172 J	0.019 U	0.3 B	4.1	0.18 U
SB-506-0001-D	SB-506	0	1	20071128	0.24	0.018	10.2 J	2.4	5.7 J	9860	4.2 J	46.5 J	0.019 U	0.19 B	5.4	0.18 U
SB-507-0001	SB-507	0	1	20071128	2	0.11 K	11.2 J	10.8	12.7 J	20400	10.9 J	135	0.29	0.15 B	15.6	0.32
SB-508-0001	SB-508	0	1	20071128	0.59	0.044 K	11.1 J	27.2	10.8 J	13800	3.8 J	42.1	0.019 U	0.58 B	9.1	0.19 U
SB-509-0001	SB-509	0	1	20071129	0.3	0.012 B	6.3 J	3.9	4.9 J	10400	3 J	27.4 L	0.019 UL	0.16 B	3.2 J	0.18 UL
SB-510-0001	SB-510	0	1	20071128	0.21	0.036 K	10.1 J	3.9	27.9 J	13400	2 J	83.4 L	0.019 UL	3.2 J	11.1 J	0.18 UL
SB-511-0001	SB-511	0	1	20071129	1.8	0.029 K	15.5 J	4.2	16.9 J	24400	6.8 J	53.7 L	0.019 UL	0.091 B	16.3 J	1.1 L
SB-512-0001	SB-512	0	1	20071129	0.55	0.093 K	11.4 J	3.7	11.4 J	13200	4.5 J	66.5 L	0.019 UL	0.31 B	8.7 J	0.18 UL
SB-513-0001	SB-513	0	1	20071129	0.35	0.11 K	12.7 J	3.9	7.1 J	13800	9.3 J	122 L	0.019 UL	0.077 UL	6.5 J	0.19 UL
SB-514-0001	SB-514	0	1	20071129	1	0.78	15.8 J	17.5	22.8 J	16100	11.4 J	133 L	0.019 UL	0.081 B	15.4 J	0.27 L
SB-515-0001	SB-515	0	1	20071129	0.84	0.45	11.3 J	4.1	12.5 J	11900	36.7 J	152 L	0.072 L	0.094 B	11.8 J	0.19 UL
SB-516-0001	SB-516	0	1	20071130	1.1	0.16 K	11.8 J	2.8 J	10.3 L	16600	5.7 L	69.5 L	0.19 L	0.23 B	10.9 L	0.34 L
SB-517-0001	SB-517	0	1	20071130	1.6	0.07 K	9.3 J	5.7 J	16.5 L	17600	11.4 L	65.4 L	0.019 UL	0.12 B	13.1 J	0.69 L
SB-518-0001	SB-518	0	1	20071130	1.2	0.022 K	11.5 J	3.9 J	14.5 L	29900	4.7 L	85 L	0.02 UL	0.18 B	7.4 L	0.35 L
SB-519-0001	SB-519	0	1	20071130	0.95	0.019 K	10.5 J	3.8 J	11.2 L	14600	3.9 L	74.9 L	0.02 UL	0.16 B	8.1 L	0.62 L
SB-520-0001	SB-520	0	1	20071130	1.4	0.029 K	7.5 J	4.6 J	10.8 L	17800	5.3 L	41.7 L	0.021 UL	0.64 J	10.2 L	0.44 L
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE								MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS (UG/K
					SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	94.6	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	85.3	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	79.1	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	78.1	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	75.6	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	80.1	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	81.2	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	58.9	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	89.2	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	79.1	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	80.3	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	73.6	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	77.5	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	84.2	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	88.5	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	2.5 UL	2 UL	--	--	--	--	25 UL	--	--	--	--	--
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	84.4	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	87.3	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	82.4	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	74.3	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	78.6	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	2.9 UL	2.3 UL	--	--	--	--	29 UL	--	--	--	--	--
SB-3A-SS	SB-003A	0	1	20040920	2.4 UL	2 UL	--	--	--	--	110 L	--	--	--	--	--
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	2.7 UR	2.2 U	--	--	--	--	27 UL	--	--	--	--	--
SB-500-0001	SB-500	0	1	20071127	0.04	0.063 B	--	--	--	13.2	42.7 J	88.1	--	--	--	--
SB-501-0001	SB-501	0	1	20071127	0.081	0.1	--	--	--	20.9	36.1 J	86.7	--	--	--	--
SB-502-0001	SB-502	0	1	20071127	0.056	0.032 B	--	--	--	12.4	39.7 J	84.4	--	--	--	--
SB-503-0001	SB-503	0	1	20071127	0.23	0.069 B	--	--	--	53.4	175 J	85.6	--	--	--	--
SB-503-0001-D	SB-503	0	1	20071127	0.24	0.083 K	--	--	--	31.9 J	80.6 J	77.2	--	--	--	--
SB-504-0001	SB-504	0	1	20071127	0.092	0.38	--	--	--	22.8 J	63.8	91.2	--	--	--	--
SB-505-0001	SB-505	0	1	20071127	0.38	0.098 K	--	--	--	60.7 J	302	82.8	--	--	--	--
SB-506-0001	SB-506	0	1	20071128	0.049	0.054 K	--	--	--	13 J	12.2	87.5	--	--	--	--
SB-506-0001-D	SB-506	0	1	20071128	0.035 B	0.063 K	--	--	--	14.9 J	16.6	86.7	--	--	--	--
SB-507-0001	SB-507	0	1	20071128	0.2	0.07 K	--	--	--	17.1 J	78.2	85.8	--	--	--	--
SB-508-0001	SB-508	0	1	20071128	0.14	0.038 B	--	--	--	15.9 J	16.2	85.9	--	--	--	--
SB-509-0001	SB-509	0	1	20071129	0.031	0.055 B	--	--	--	11.4 J	11.1	86.7	--	--	--	--
SB-510-0001	SB-510	0	1	20071128	0.058	0.02 B	--	--	--	8.5 J	12.6	89.4	--	--	--	--
SB-511-0001	SB-511	0	1	20071129	0.099 K	0.064 B	--	--	--	20.6 J	20.5	87.3	--	--	--	--
SB-512-0001	SB-512	0	1	20071129	0.06	0.023 B	--	--	--	14.3 J	16.7	88.6	--	--	--	--
SB-513-0001	SB-513	0	1	20071129	0.06	0.031 B	--	--	--	10.6 J	23.2	85.5	--	--	--	--
SB-514-0001	SB-514	0	1	20071129	0.079	0.055 B	--	--	--	18.8 J	47.3	86.3	--	--	--	--
SB-515-0001	SB-515	0	1	20071129	0.12	0.041 B	--	--	--	15 J	57	84.8	--	--	--	--
SB-516-0001	SB-516	0	1	20071130	0.12	0.041 K	--	--	--	20.3 J	25.9	83.9	--	--	--	--
SB-517-0001	SB-517	0	1	20071130	0.086	0.034 K	--	--	--	15.8 J	46.7	88.4	--	--	--	--
SB-518-0001	SB-518	0	1	20071130	0.097	0.061 K	--	--	--	17.6 J	23.6	82.9	--	--	--	--
SB-519-0001	SB-519	0	1	20071130	0.086	0.045 K	--	--	--	20.2 J	17.3	85	--	--	--	--
SB-520-0001	SB-520	0	1	20071130	0.065	0.026 K	--	--	--	12 J	23.2	81	--	--	--	--
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	79	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	80	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	86.9	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	83.3	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	77.1	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	76	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	46.1	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	77.5	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	83.9	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	74.5	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	86.5	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	76	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G) HEXACHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	PCBS (UG/KG) AROCLOR-1016	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	35 U	35 U	35 U	35 U	260	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	390 U	390 U	390 U	390 U	1700	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	2100 U	2100 U	2100 U	2100 U	7100	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	4200 U	4200 U	4200 U	4200 U	34000	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	4400 U	4400 U	4400 U	4400 U	24000	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	8200 U	8200 U	8200 U	8200 U	55000	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	4100 U	4100 U	4100 U	4100 U	21000	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	2800 U	2800 U	2800 U	2800 U	19000	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	740000 U	740000 U	740000 U	740000 U	1800000	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	83000 U	83000 U	83000 U	83000 U	400000	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	21000 U	21000 U	21000 U	21000 U	96000	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	4500 U	4500 U	4500 U	4500 U	25000	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	2100 U	2100 U	2100 U	2100 U	12000	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	3900 U	3900 U	3900 U	3900 U	27000	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	750 U	750 U	750 U	750 U	3700	--
SB-35-SS	SB-035	0	1	20040917	--	--	--	--	--	--	280 U	280 U	280 U	280 U	280 U	--
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	3900 U	3900 U	3900 U	3900 U	27000	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	38000 U	38000 U	38000 U	38000 U	140000	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	800 U	800 U	800 U	800 U	5000	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	4400 U	4400 U	4400 U	4400 U	24000	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	2100 U	2100 U	2100 U	2100 U	12000	--
SB-36-SS	SB-036	0	1	20040917	--	--	--	--	--	--	290 U	290 U	290 U	290 U	290 U	--
SB-3A-SS	SB-003A	0	1	20040920	--	--	--	--	--	--	270 U	270 U	270 U	270 U	350	--
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	--	--	--	--	--	--	58000 U	58000 U	58000 U	58000 U	180000	--
SB-500-0001	SB-500	0	1	20071127	--	--	--	--	--	--	37 U	37 U	37 U	37 U	47	--
SB-501-0001	SB-501	0	1	20071127	--	--	--	--	--	--	7600 U	7600 U	7600 U	7600 U	58000	--
SB-502-0001	SB-502	0	1	20071127	--	--	--	--	--	--	390 U	390 U	390 U	390 U	1200	--
SB-503-0001	SB-503	0	1	20071127	--	--	--	--	--	--	390 U	390 U	390 U	390 U	1700	--
SB-503-0001-D	SB-503	0	1	20071127	--	--	--	--	--	--	43 U	43 U	43 U	43 U	120	--
SB-504-0001	SB-504	0	1	20071127	--	--	--	--	--	--	180 U	180 U	180 U	180 U	1200	--
SB-505-0001	SB-505	0	1	20071127	--	--	--	--	--	--	20000 U	20000 U	20000 U	20000 U	99000	--
SB-506-0001	SB-506	0	1	20071128	--	--	--	--	--	--	38 U	38 U	38 U	38 U	12 J	--
SB-506-0001-D	SB-506	0	1	20071128	--	--	--	--	--	--	38 U	38 U	38 U	38 U	11 J	--
SB-507-0001	SB-507	0	1	20071128	--	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	--
SB-508-0001	SB-508	0	1	20071128	--	--	--	--	--	--	38 U	38 U	38 U	38 U	15 J	--
SB-509-0001	SB-509	0	1	20071129	--	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	--
SB-510-0001	SB-510	0	1	20071128	--	--	--	--	--	--	37 U	37 U	37 U	37 U	31 J	--
SB-511-0001	SB-511	0	1	20071129	--	--	--	--	--	--	38 U	38 U	38 U	38 U	49	--
SB-512-0001	SB-512	0	1	20071129	--	--	--	--	--	--	37 U	37 U	37 U	37 U	30 J	--
SB-513-0001	SB-513	0	1	20071129	--	--	--	--	--	--	39 U	39 U	39 U	39 U	84	--
SB-514-0001	SB-514	0	1	20071129	--	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	--
SB-515-0001	SB-515	0	1	20071129	--	--	--	--	--	--	39 U	39 U	39 U	39 U	290	--
SB-516-0001	SB-516	0	1	20071130	--	--	--	--	--	--	39 U	39 U	39 U	39 U	39 U	--
SB-517-0001	SB-517	0	1	20071130	--	--	--	--	--	--	37 U	37 U	37 U	37 U	37 U	--
SB-518-0001	SB-518	0	1	20071130	--	--	--	--	--	--	40 U	40 U	40 U	40 U	40 U	--
SB-519-0001	SB-519	0	1	20071130	--	--	--	--	--	--	39 U	39 U	39 U	39 U	39 U	--
SB-520-0001	SB-520	0	1	20071130	--	--	--	--	--	--	41 U	41 U	41 U	41 U	41 U	--
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	420 U	420 U	420 U	420 U	3100	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	410 U	410 U	410 U	410 U	3400	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	380 U	380 U	380 U	380 U	2100	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	7900 U	7900 U	7900 U	7900 U	52000	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	8600 U	8600 U	8600 U	8600 U	54000	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	22000 U	22000 U	22000 U	22000 U	82000	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	7200 U	7200 U	7200 U	7200 U	62000	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	4300 U	4300 U	4300 U	4300 U	34000	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	200000 U	200000 U	200000 U	200000 U	1500000	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	89000 U	89000 U	89000 U	89000 U	690000	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	38000 U	38000 U	38000 U	38000 U	190000	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	430 U	430 U	430 U	430 U	2100	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-345-0001	SB-345	0	1	20071102	260	365	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	1700	2870	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	7100	13400	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	34000	46600	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	24000	37200	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	55000	79600	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	21000	33300	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	19000	27400	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	1800000	4020000	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	400000	649000	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	96000	159000	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	25000	38500	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	12000	18300	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	27000	38700	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	3700	5950	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	0 U	980	--	11000 U	120 U	--	--	--	380 U	380 U	380 U	380 U
SB-360-0001	SB-360	0	1	20071102	27000	38700	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	140000	254000	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	5000	7400	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	24000	37200	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	12000	18300	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	0 U	1015	--	13000	120 U	--	--	--	390 U	390 U	390 U	390 U
SB-3A-SS	SB-003A	0	1	20040920	350	1160	--	11000 U	110 U	--	--	--	3600 U	3600 U	3600 U	3600 U
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	180000	354000	--	330000	830	--	--	--	41 J	180 J	390 U	220 J
SB-500-0001	SB-500	0	1	20071127	47	158	--	--	--	--	18000 B	--	560 U	25 J	13 J	78 J
SB-501-0001	SB-501	0	1	20071127	58000	80800	--	--	--	--	61000 J	--	7600 U	7600 U	7600 U	7600 U
SB-502-0001	SB-502	0	1	20071127	1200	2370	--	--	--	--	130000	--	2000 U	2000 U	84 J	360 J
SB-503-0001	SB-503	0	1	20071127	1700	2870	--	--	--	--	650000	--	190 J	470 J	330 J	1500 J
SB-503-0001-D	SB-503	0	1	20071127	120	249	--	--	--	--	45000	--	20 J	84 J	36 J	170 J
SB-504-0001	SB-504	0	1	20071127	1200	1740	--	--	--	--	52000	--	360 U	7.5 J	360 U	16 J
SB-505-0001	SB-505	0	1	20071127	99000	159000	--	--	--	--	170000	--	9.8 J	45 J	13 J	95 J
SB-506-0001	SB-506	0	1	20071128	12	126	--	--	--	--	14000 B	--	380 U	380 U	380 U	380 U
SB-506-0001-D	SB-506	0	1	20071128	11	125	--	--	--	--	4800 J	--	380 U	380 U	380 U	380 U
SB-507-0001	SB-507	0	1	20071128	0 U	133	--	--	--	--	13000	--	380 U	380 U	380 U	380 U
SB-508-0001	SB-508	0	1	20071128	15	129	--	--	--	--	5900 J	--	26 J	380 U	380 U	380 U
SB-509-0001	SB-509	0	1	20071129	0 U	133	--	--	--	--	10000 B	--	380 U	380 U	380 U	380 U
SB-510-0001	SB-510	0	1	20071128	31	142	--	--	--	--	22000 B	--	370 U	370 U	370 U	370 U
SB-511-0001	SB-511	0	1	20071129	49	163	--	--	--	--	9000 B	--	380 U	380 U	380 U	380 U
SB-512-0001	SB-512	0	1	20071129	30	141	--	--	--	--	33000	--	370 U	370 U	370 U	370 U
SB-513-0001	SB-513	0	1	20071129	84	201	--	--	--	--	2200 J	--	390 U	390 U	390 U	390 U
SB-514-0001	SB-514	0	1	20071129	0 U	133	--	--	--	--	1800 B	--	380 U	380 U	380 U	380 U
SB-515-0001	SB-515	0	1	20071129	290	407	--	--	--	--	2200 J	--	390 U	32 J	390 U	71 J
SB-516-0001	SB-516	0	1	20071130	0 U	136.5	--	--	--	--	23000	--	390 U	390 U	390 U	34 J
SB-517-0001	SB-517	0	1	20071130	0 U	129.5	--	--	--	--	4000 J	--	370 U	370 U	370 U	370 U
SB-518-0001	SB-518	0	1	20071130	0 U	140	--	--	--	--	610 B	--	400 U	400 U	400 U	400 U
SB-519-0001	SB-519	0	1	20071130	0 U	136.5	--	--	--	--	2800 B	--	390 U	390 U	390 U	390 U
SB-520-0001	SB-520	0	1	20071130	0 U	143.5	--	--	--	--	5200 B	--	410 U	410 U	410 U	410 U
SB-521-0001	SB-521	0	1	20071204	3100	4360	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	3400	4630	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	2100	3240	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	52000	75700	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	54000	79800	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	82000	148000	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	62000	83600	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	34000	46900	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	1500000	2100000	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	690000	957000	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	190000	304000	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	2100	3390	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	380 U	380 U	42.1757	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	390 U	390 U	67.3815	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
SB-3A-SS	SB-003A	0	1	20040920	3600 U	3600 U	53.7653	3600 U	3600 UJ	3600 UJ	3600 UJ	3600 UJ	3600 U	3600 UJ	440 J	3600 U
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	365.37	170.37	215.957	240 J	110 J	220 J	170 J	200 J	370 J	390 U	1200	150 J
SB-500-0001	SB-500	0	1	20071127	542.4	542.4	542.4	280 J	340 J	520 J	360 J	210 J	300 J	90 J	570	19 J
SB-501-0001	SB-501	0	1	20071127	4477.22	259.22	322.979	240 J	190 J	450 J	7600 U	7600 U	220 J	7600 U	450 J	7600 U
SB-502-0001	SB-502	0	1	20071127	5574.4	5574.4	5574.4	4000	3900	4500	2100	2100	3400	590 J	6100	2000 U
SB-503-0001	SB-503	0	1	20071127	10998.7	10998.7	10998.7	7300	7600	8100	5000 J	3100 J	7700	1400 J	14000	580 J
SB-503-0001-D	SB-503	0	1	20071127	889.72	889.72	889.72	610	600	800	370 J	310 J	620	110 J	1300	75 J
SB-504-0001	SB-504	0	1	20071127	306.01	126.01	259.446	93 J	95 J	150 J	67 J	71 J	100 J	360 U	220 J	360 U
SB-505-0001	SB-505	0	1	20071127	826.78	826.78	826.78	530	560	770	360 J	330 J	480	100 J	1100	35 J
SB-506-0001	SB-506	0	1	20071128	380 U	380 U	56.7	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
SB-506-0001-D	SB-506	0	1	20071128	380 U	380 U	62.6161	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
SB-507-0001	SB-507	0	1	20071128	228.614	17.714	72.8014	12 J	14 J	25 J	8 J	380 U	14 J	380 U	19 J	380 U
SB-508-0001	SB-508	0	1	20071128	380 U	380 U	89.089	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
SB-509-0001	SB-509	0	1	20071129	380 U	380 U	98.1955	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
SB-510-0001	SB-510	0	1	20071128	216.484	31.484	101.25	29 J	23 J	41 J	16 J	15 J	34 J	370 U	57 J	370 U
SB-511-0001	SB-511	0	1	20071129	97.225	97.225	97.225	59 J	62 J	100 J	55 J	55 J	75 J	14 J	120 J	380 U
SB-512-0001	SB-512	0	1	20071129	211.174	24.324	120.542	22 J	17 J	37 J	16 J	370 U	24 J	370 U	61 J	370 U
SB-513-0001	SB-513	0	1	20071129	432.645	1.5	104.21	390 U	390 U	15 J	390 U	390 U	390 U	390 U	9.5 J	390 U
SB-514-0001	SB-514	0	1	20071129	380 U	380 U	173.524	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
SB-515-0001	SB-515	0	1	20071129	947.58	947.58	947.58	550	630	860	490	390	680	130 J	1200	26 J
SB-516-0001	SB-516	0	1	20071130	392.44	197.44	291.417	170 J	150 J	210 J	96 J	97 J	170 J	390 U	320 J	390 U
SB-517-0001	SB-517	0	1	20071130	205.42	20.42	153.856	13 J	15 J	31 J	11 J	8.7 J	13 J	370 U	15 J	370 U
SB-518-0001	SB-518	0	1	20071130	400 U	400 U	89.9491	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
SB-519-0001	SB-519	0	1	20071130	432.345	1.2	153.857	390 U	390 U	12 J	390 U	390 U	390 U	390 U	390 U	390 U
SB-520-0001	SB-520	0	1	20071130	248.889	41.839	81.5674	33 J	32 J	46 J	22 J	410 U	39 J	410 U	69 J	410 U
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE												
												RADIONUCLIDES (PCI/G)				
					INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	380 U	380 U	380 U	380 U	0 U	--	--	--	--	--	--	--
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	390 U	390 U	390 U	390 U	0 U	--	--	--	--	--	--	--
SB-3A-SS	SB-003A	0	1	20040920	3600 UJ	3600 U	3600 U	440 J	880	--	--	--	--	--	--	--
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	0.03 U	0.1 U	0.1 UJ	0.145	0.3	0.25 UJ
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	1.02	2.3	0.67 J	-0.048 U	1.2	1.09 J
SB-4A-SS	SB-004A	0	1	20040921	120 J	50 J	2200	1000	6471	--	--	--	--	--	--	--
SB-500-0001	SB-500	0	1	20071127	300 J	560 U	220 J	460 J	3785	--	--	--	--	--	--	--
SB-501-0001	SB-501	0	1	20071127	7600 U	7600 U	200 J	370 J	2120	--	--	--	--	--	--	--
SB-502-0001	SB-502	0	1	20071127	2100	2000 U	650 J	5400	35284	--	--	--	--	--	--	--
SB-503-0001	SB-503	0	1	20071127	4200 J	180 J	5600 J	16000	83250	--	--	--	--	--	--	--
SB-503-0001-D	SB-503	0	1	20071127	350 J	24 J	670	1000	7149	--	--	--	--	--	--	--
SB-504-0001	SB-504	0	1	20071127	59 J	360 U	74 J	170 J	1122.5	--	--	--	--	--	--	--
SB-505-0001	SB-505	0	1	20071127	330 J	13 J	570	810	6150.8	--	--	--	--	--	--	--
SB-506-0001	SB-506	0	1	20071128	380 U	380 U	380 U	380 U	0 U	--	--	--	--	--	--	--
SB-506-0001-D	SB-506	0	1	20071128	380 U	380 U	380 U	380 U	0 U	--	--	--	--	--	--	--
SB-507-0001	SB-507	0	1	20071128	380 U	380 U	9.4 J	16 J	117.4	--	--	--	--	--	--	--
SB-508-0001	SB-508	0	1	20071128	380 U	10 J	17 J	380 U	53	--	--	--	--	--	--	--
SB-509-0001	SB-509	0	1	20071129	380 U	380 U	380 U	380 U	0 U	--	--	--	--	--	--	--
SB-510-0001	SB-510	0	1	20071128	13 J	370 U	25 J	44 J	297	--	--	--	--	--	--	--
SB-511-0001	SB-511	0	1	20071129	47 J	380 U	29 J	83 J	699	--	--	--	--	--	--	--
SB-512-0001	SB-512	0	1	20071129	14 J	370 U	59 J	47 J	297	--	--	--	--	--	--	--
SB-513-0001	SB-513	0	1	20071129	390 U	390 U	390 U	390 U	24.5	--	--	--	--	--	--	--
SB-514-0001	SB-514	0	1	20071129	380 U	380 U	380 U	380 U	0 U	--	--	--	--	--	--	--
SB-515-0001	SB-515	0	1	20071129	420	390 U	430	830	6739	--	--	--	--	--	--	--
SB-516-0001	SB-516	0	1	20071130	83 J	390 U	120 J	250 J	1700	--	--	--	--	--	--	--
SB-517-0001	SB-517	0	1	20071130	9.2 J	370 U	370 U	13 J	128.9	--	--	--	--	--	--	--
SB-518-0001	SB-518	0	1	20071130	400 U	400 U	400 U	400 U	0 U	--	--	--	--	--	--	--
SB-519-0001	SB-519	0	1	20071130	390 U	390 U	390 U	390 U	12	--	--	--	--	--	--	--
SB-520-0001	SB-520	0	1	20071130	19 J	410 U	40 J	57 J	357	--	--	--	--	--	--	--
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--
SB-3A-SS	SB-003A	0	1	20040920	--	--	--	--	--	--	--	--	--	--	--	--
SB-41S-SS	SB-041	0	1	20041105	4.4	0.32 UJ	0.075 U	--	--	--	--	--	-0.3 U	--	--	--
SB-42S-SS	SB-042	0	1	20041105	9.2	1.22 J	0.39	--	--	--	--	--	-0.45 U	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0001	SB-500	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0001	SB-501	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0001	SB-502	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001-D	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0001	SB-504	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0001	SB-505	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001-D	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0001	SB-507	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0001	SB-508	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0001	SB-509	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0001	SB-510	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0001	SB-511	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0001	SB-512	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0001	SB-513	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0001	SB-514	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0001	SB-515	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-516-0001	SB-516	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0001	SB-517	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0001	SB-518	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0001	SB-519	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0001	SB-520	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	380 U	--	950 U	380 U	--	--	380 U	--	--	--	--	--
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	390 U	--	990 U	390 U	--	--	390 U	--	--	--	--	--
SB-3A-SS	SB-003A	0	1	20040920	3600 U	--	9100 U	3600 U	--	--	3600 U	--	--	--	--	--
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	390 U	--	990 U	390 U	--	--	390 U	--	--	--	--	--
SB-500-0001	SB-500	0	1	20071127	560 U	--	1100 U	--	--	--	110 U	--	--	--	--	--
SB-501-0001	SB-501	0	1	20071127	7600 U	--	15000 U	--	--	--	1500 U	--	--	--	--	--
SB-502-0001	SB-502	0	1	20071127	2000 U	--	3900 U	--	--	--	390 U	--	--	--	--	--
SB-503-0001	SB-503	0	1	20071127	5800 U	--	12000 U	--	--	--	1200 U	--	--	--	--	--
SB-503-0001-D	SB-503	0	1	20071127	430 U	--	850 U	--	--	--	86 U	--	--	--	--	--
SB-504-0001	SB-504	0	1	20071127	360 U	--	720 U	--	--	--	73 U	--	--	--	--	--
SB-505-0001	SB-505	0	1	20071127	400 U	--	800 U	--	--	--	80 U	--	--	--	--	--
SB-506-0001	SB-506	0	1	20071128	380 U	--	750 U	--	--	--	76 U	--	--	--	--	--
SB-506-0001-D	SB-506	0	1	20071128	380 U	--	760 U	--	--	--	77 U	--	--	--	--	--
SB-507-0001	SB-507	0	1	20071128	380 U	--	770 U	--	--	--	78 U	--	--	--	--	--
SB-508-0001	SB-508	0	1	20071128	380 U	--	770 U	--	--	--	78 U	--	--	--	--	--
SB-509-0001	SB-509	0	1	20071129	380 U	--	760 U	--	--	--	77 U	--	--	--	--	--
SB-510-0001	SB-510	0	1	20071128	370 U	--	740 U	--	--	--	75 U	--	--	--	--	--
SB-511-0001	SB-511	0	1	20071129	380 U	--	760 U	--	--	--	76 U	--	--	--	--	--
SB-512-0001	SB-512	0	1	20071129	370 U	--	750 U	--	--	--	75 U	--	--	--	--	--
SB-513-0001	SB-513	0	1	20071129	390 U	--	770 U	--	--	--	78 U	--	--	--	--	--
SB-514-0001	SB-514	0	1	20071129	380 U	--	760 U	--	--	--	77 U	--	--	--	--	--
SB-515-0001	SB-515	0	1	20071129	390 U	--	780 U	--	--	--	79 U	--	--	--	--	--
SB-516-0001	SB-516	0	1	20071130	390 U	--	790 U	--	--	--	79 U	--	--	--	--	--
SB-517-0001	SB-517	0	1	20071130	370 U	--	750 U	--	--	--	75 U	--	--	--	--	--
SB-518-0001	SB-518	0	1	20071130	400 U	--	800 U	--	--	--	80 U	--	--	--	--	--
SB-519-0001	SB-519	0	1	20071130	390 U	--	780 U	--	--	--	78 U	--	--	--	--	--
SB-520-0001	SB-520	0	1	20071130	410 U	--	810 U	--	--	--	82 U	--	--	--	--	--
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	--	--	--	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	--	--	--	390 U	390 U	390 U	390 U	--	--	390 U	390 U	390 U
SB-3A-SS	SB-003A	0	1	20040920	--	--	--	3600 U	3600 U	3600 U	3600 U	--	--	3600 U	3600 U	3600 U
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	--	--	--	390 U	390 U	390 U	89 J	--	--	250 J	390 U	390 U
SB-500-0001	SB-500	0	1	20071127	--	--	--	560 U	560 U	560 U	27 J	--	--	560 U	560 U	560 U
SB-501-0001	SB-501	0	1	20071127	--	--	--	7600 U	7600 U	7600 U	7600 U	--	--	7600 U	7600 U	7600 U
SB-502-0001	SB-502	0	1	20071127	--	--	--	2000 U	2000 U	2000 U	2000 U	--	--	2000 U	2000 U	2000 U
SB-503-0001	SB-503	0	1	20071127	--	--	--	5800 U	5800 U	5800 U	430 J	--	--	5800 U	5800 U	5800 U
SB-503-0001-D	SB-503	0	1	20071127	--	--	--	37 J	430 U	430 U	82 J	--	--	34 J	430 U	430 U
SB-504-0001	SB-504	0	1	20071127	--	--	--	360 U	360 U	360 U	360 U	--	--	360 U	360 U	360 U
SB-505-0001	SB-505	0	1	20071127	--	--	--	93 J	400 U	400 U	73 J	--	--	400 U	400 U	28 J
SB-506-0001	SB-506	0	1	20071128	--	--	--	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U
SB-506-0001-D	SB-506	0	1	20071128	--	--	--	24 J	380 U	380 U	380 U	--	--	380 U	380 U	380 U
SB-507-0001	SB-507	0	1	20071128	--	--	--	37 J	120 J	380 U	380 U	--	--	380 U	380 U	380 U
SB-508-0001	SB-508	0	1	20071128	--	--	--	58 J	380 U	380 U	380 U	--	--	380 U	380 U	380 U
SB-509-0001	SB-509	0	1	20071129	--	--	--	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U
SB-510-0001	SB-510	0	1	20071128	--	--	--	370 U	370 U	370 U	370 U	--	--	370 U	370 U	370 U
SB-511-0001	SB-511	0	1	20071129	--	--	--	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U
SB-512-0001	SB-512	0	1	20071129	--	--	--	370 U	370 U	370 U	370 U	--	--	370 U	370 U	370 U
SB-513-0001	SB-513	0	1	20071129	--	--	--	390 U	390 U	390 U	390 U	--	--	390 U	390 U	390 U
SB-514-0001	SB-514	0	1	20071129	--	--	--	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U
SB-515-0001	SB-515	0	1	20071129	--	--	--	43 J	78 J	390 U	41 J	--	--	390 U	390 U	390 U
SB-516-0001	SB-516	0	1	20071130	--	--	--	390 U	390 U	390 U	390 U	--	--	390 U	390 U	390 U
SB-517-0001	SB-517	0	1	20071130	--	--	--	370 U	370 U	370 U	370 U	--	--	370 U	370 U	370 U
SB-518-0001	SB-518	0	1	20071130	--	--	--	400 U	400 U	400 U	400 U	--	--	400 U	400 U	400 U
SB-519-0001	SB-519	0	1	20071130	--	--	--	31 J	390 U	390 U	390 U	--	--	390 U	390 U	390 U
SB-520-0001	SB-520	0	1	20071130	--	--	--	410 U	410 U	410 U	410 U	--	--	410 U	410 U	410 U
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	TCLP METALS (MG/L) ARSENIC	TCLP METALS (MG/L) BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	--	--	--	--	950 U	--	380 U	--	--	--	--	--
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	--	--	--	--	990 U	--	390 U	--	--	--	--	--
SB-3A-SS	SB-003A	0	1	20040920	--	--	--	--	9100 U	--	3600 U	--	--	--	--	--
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	--	--	--	--	990 U	--	390 U	--	--	--	--	--
SB-500-0001	SB-500	0	1	20071127	--	--	--	--	560 U	--	560 U	--	--	--	--	--
SB-501-0001	SB-501	0	1	20071127	--	--	--	--	7600 U	--	7600 U	--	--	--	--	--
SB-502-0001	SB-502	0	1	20071127	--	--	--	--	2000 U	--	2000 U	--	--	--	--	--
SB-503-0001	SB-503	0	1	20071127	--	--	--	--	5800 U	--	5800 U	--	--	--	--	--
SB-503-0001-D	SB-503	0	1	20071127	--	--	--	--	430 U	--	430 U	--	--	--	--	--
SB-504-0001	SB-504	0	1	20071127	--	--	--	--	360 U	--	360 U	--	--	--	--	--
SB-505-0001	SB-505	0	1	20071127	--	--	--	--	400 U	--	400 U	--	--	--	--	--
SB-506-0001	SB-506	0	1	20071128	--	--	--	--	380 U	--	380 U	--	--	--	--	--
SB-506-0001-D	SB-506	0	1	20071128	--	--	--	--	380 U	--	380 U	--	--	--	--	--
SB-507-0001	SB-507	0	1	20071128	--	--	--	--	380 U	--	380 U	--	--	--	--	--
SB-508-0001	SB-508	0	1	20071128	--	--	--	--	380 U	--	380 U	--	--	--	--	--
SB-509-0001	SB-509	0	1	20071129	--	--	--	--	380 U	--	380 U	--	--	--	--	--
SB-510-0001	SB-510	0	1	20071128	--	--	--	--	370 U	--	370 U	--	--	--	--	--
SB-511-0001	SB-511	0	1	20071129	--	--	--	--	380 U	--	380 U	--	--	--	--	--
SB-512-0001	SB-512	0	1	20071129	--	--	--	--	370 U	--	370 U	--	--	--	--	--
SB-513-0001	SB-513	0	1	20071129	--	--	--	--	390 U	--	390 U	--	--	--	--	--
SB-514-0001	SB-514	0	1	20071129	--	--	--	--	380 U	--	380 U	--	--	--	--	--
SB-515-0001	SB-515	0	1	20071129	--	--	--	--	390 U	--	390 U	--	--	--	--	--
SB-516-0001	SB-516	0	1	20071130	--	--	--	--	390 U	--	390 U	--	--	--	--	--
SB-517-0001	SB-517	0	1	20071130	--	--	--	--	370 U	--	370 U	--	--	--	--	--
SB-518-0001	SB-518	0	1	20071130	--	--	--	--	400 U	--	400 U	--	--	--	--	--
SB-519-0001	SB-519	0	1	20071130	--	--	--	--	390 U	--	390 U	--	--	--	--	--
SB-520-0001	SB-520	0	1	20071130	--	--	--	--	410 U	--	410 U	--	--	--	--	--
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE												
											TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)						
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--
SB-3A-SS	SB-003A	0	1	20040920	--	--	--	--	--	--	--	--	--	--	--	--
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0001	SB-500	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0001	SB-501	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0001	SB-502	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001-D	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0001	SB-504	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0001	SB-505	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001-D	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0001	SB-507	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0001	SB-508	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0001	SB-509	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0001	SB-510	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0001	SB-511	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0001	SB-512	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0001	SB-513	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0001	SB-514	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0001	SB-515	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-516-0001	SB-516	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0001	SB-517	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0001	SB-518	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0001	SB-519	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0001	SB-520	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--
SB-3A-SS	SB-003A	0	1	20040920	--	--	--	--	--	--	--	--	--	--	--	--
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0001	SB-500	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0001	SB-501	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0001	SB-502	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001-D	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0001	SB-504	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0001	SB-505	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001-D	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0001	SB-507	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0001	SB-508	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0001	SB-509	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0001	SB-510	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0001	SB-511	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0001	SB-512	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0001	SB-513	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0001	SB-514	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0001	SB-515	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-516-0001	SB-516	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0001	SB-517	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0001	SB-518	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0001	SB-519	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0001	SB-520	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--
SB-3A-SS	SB-003A	0	1	20040920	--	--	--	--	--	--	--	--	--	--	--	--
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0001	SB-500	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0001	SB-501	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0001	SB-502	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001-D	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0001	SB-504	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0001	SB-505	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001-D	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0001	SB-507	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0001	SB-508	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0001	SB-509	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0001	SB-510	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0001	SB-511	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0001	SB-512	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0001	SB-513	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0001	SB-514	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0001	SB-515	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-516-0001	SB-516	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0001	SB-517	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0001	SB-518	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0001	SB-519	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0001	SB-520	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	6 U	--	6 U	6 U	6 U	6 U	6 U	56 U	6 U	56 U	6 U	6 U
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	6 U	--	6 U	6 U	6 U	6 U	6 U	58 U	6 U	58 U	6 U	6 U
SB-3A-SS	SB-003A	0	1	20040920	5 U	--	5 U	5 U	5 U	5 U	5 U	53 U	5 U	53 U	5 U	5 U
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	45	--	140	6 U	6 U	6 U	6 U	60 U	6 U	60 U	6 U	6 U
SB-500-0001	SB-500	0	1	20071127	5.7 U	5.7 U	0.76 B	0.89 B	5.7 U	5.7 U	5.7 U	11 U	5.7 U	11 U	5.7 U	5.7 U
SB-501-0001	SB-501	0	1	20071127	5.8 U	5.8 U	5.8 U	0.94 B	5.8 U	5.8 U	5.8 U	12 U	5.8 U	12 U	5.8 U	5.8 U
SB-502-0001	SB-502	0	1	20071127	0.65 B	0.2 J	3.1 B	1 B	5.9 U	5.9 U	5.9 U	12 U	5.9 U	12 U	5.9 U	5.9 U
SB-503-0001	SB-503	0	1	20071127	5.8 UJ	0.35 J	1 B	1.9 B	5.8 UJ	5.8 UJ	5.8 U	12 U	5.8 UJ	12 U	5.8 U	5.8 U
SB-503-0001-D	SB-503	0	1	20071127	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	13 U	6.5 U	13 U	6.5 U	6.5 U
SB-504-0001	SB-504	0	1	20071127	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	11 U	5.5 U	7.3 J	0.82 J	5.5 U
SB-505-0001	SB-505	0	1	20071127	6 U	6 U	6 U	6 U	6 U	6 U	6 U	12 U	6 U	12 U	6 U	6 U
SB-506-0001	SB-506	0	1	20071128	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	11 U	5.7 U	11 U	0.95 J	5.7 U
SB-506-0001-D	SB-506	0	1	20071128	5.8 U	5.8 U	5.8 U	0.92 B	5.8 U	5.8 U	5.8 U	12 U	5.8 U	12 U	5.8 U	5.8 U
SB-507-0001	SB-507	0	1	20071128	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	13 J	5.8 U	5.8 U
SB-508-0001	SB-508	0	1	20071128	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	21 J	5.8 U	5.8 U
SB-509-0001	SB-509	0	1	20071129	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	12 U	5.8 U	5.8 U
SB-510-0001	SB-510	0	1	20071128	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	11 U	5.6 U	11 U	5.6 U	5.6 U
SB-511-0001	SB-511	0	1	20071129	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	11 U	5.7 U	11 U	5.7 U	5.7 U
SB-512-0001	SB-512	0	1	20071129	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	11 U	5.6 U	8.2 J	5.6 U	5.6 U
SB-513-0001	SB-513	0	1	20071129	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	12 U	5.8 U	5.8 U
SB-514-0001	SB-514	0	1	20071129	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	2.7 J	5.8 U	51 J	0.66 J	5.8 U
SB-515-0001	SB-515	0	1	20071129	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	12 U	5.9 U	11 J	5.9 U	5.9 U
SB-516-0001	SB-516	0	1	20071130	6 U	6 U	6 U	6 U	6 U	6 U	6 U	5.3 J	6 U	18 J	6 U	6 U
SB-517-0001	SB-517	0	1	20071130	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	11 U	5.7 U	11 U	5.7 U	5.7 U
SB-518-0001	SB-518	0	1	20071130	6 U	6 U	6 U	6 U	6 U	6 U	6 U	4.1 J	6 U	74 J	6 U	6 U
SB-519-0001	SB-519	0	1	20071130	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	12 U	5.9 U	7.5 J	5.9 U	5.9 U
SB-520-0001	SB-520	0	1	20071130	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	12 U	6.2 U	12 U	6.2 U	6.2 U
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	6 U	6 U	6 U	11 U	--	8 J	6 U	6 U	6 U	6 U	6 U	6 U
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	6 U	6 U	6 U	12 U	--	8 J	6 U	6 U	6 U	6 U	6 U	6 U
SB-3A-SS	SB-003A	0	1	20040920	5 U	5 U	5 U	11 U	--	8 J	5 U	5 U	5 U	5 U	5 U	5 U
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	6 U	6 U	6 U	12 U	--	8 J	58	6 U	6 U	6 U	6 U	6 U
SB-500-0001	SB-500	0	1	20071127	5.7 U	5.7 U	5.7 U	11 U	--	2.5 B	3.2 B	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U
SB-501-0001	SB-501	0	1	20071127	5.8 U	5.8 U	5.8 U	12 U	--	2.8 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-502-0001	SB-502	0	1	20071127	5.9 U	5.9 U	5.9 U	12 U	--	2.4 B	0.87 B	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-503-0001	SB-503	0	1	20071127	5.8 U	5.8 U	5.8 UJ	12 U	--	3.6 B	11 B	5.8 UJ	5.8 UJ	0.43 J	5.8 UJ	5.8 U
SB-503-0001-D	SB-503	0	1	20071127	6.5 U	6.5 U	6.5 U	13 U	--	3.2 B	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U
SB-504-0001	SB-504	0	1	20071127	5.5 U	5.5 U	5.5 U	11 U	--	1.6 B	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
SB-505-0001	SB-505	0	1	20071127	6 U	6 U	6 U	12 U	--	1.7 B	6 U	6 U	6 U	6 U	6 U	6 U
SB-506-0001	SB-506	0	1	20071128	5.7 U	5.7 U	5.7 U	11 U	--	2 B	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U
SB-506-0001-D	SB-506	0	1	20071128	5.8 U	5.8 U	5.8 U	12 U	--	2.1 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-507-0001	SB-507	0	1	20071128	5.8 U	5.8 U	5.8 U	12 U	--	5.1 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-508-0001	SB-508	0	1	20071128	5.8 U	5.8 U	5.8 U	12 U	--	7.1 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-509-0001	SB-509	0	1	20071129	5.8 U	5.8 U	5.8 U	12 U	--	5 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-510-0001	SB-510	0	1	20071128	5.6 U	5.6 U	5.6 U	11 U	--	6.4 B	0.55 B	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U
SB-511-0001	SB-511	0	1	20071129	5.7 U	5.7 U	5.7 U	11 U	--	5.4 B	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U
SB-512-0001	SB-512	0	1	20071129	5.6 U	5.6 U	5.6 U	11 U	--	5.6 B	1.8 B	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U
SB-513-0001	SB-513	0	1	20071129	5.8 U	5.8 U	5.8 U	12 U	--	3.6 B	0.67 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-514-0001	SB-514	0	1	20071129	5.8 U	5.8 U	5.8 U	12 U	--	5.6 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-515-0001	SB-515	0	1	20071129	5.9 U	5.9 U	5.9 U	12 U	--	5.9 B	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-516-0001	SB-516	0	1	20071130	6 U	6 U	6 U	12 U	--	5.8 B	6 U	6 U	6 U	6 U	6 U	6 U
SB-517-0001	SB-517	0	1	20071130	5.7 U	5.7 U	5.7 U	11 U	--	3.1 B	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U
SB-518-0001	SB-518	0	1	20071130	6 U	6 U	6 U	12 U	--	4.8 B	6 U	6 U	6 U	6 U	6 U	6 U
SB-519-0001	SB-519	0	1	20071130	5.9 U	5.9 U	5.9 U	12 U	--	3.6 B	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-520-0001	SB-520	0	1	20071130	6.2 U	6.2 U	6.2 U	12 U	--	4.6 B	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	NORMAL
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	NORMAL
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	NORMAL
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	NORMAL
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	NORMAL
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	NORMAL
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	NORMAL
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	NORMAL
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	NORMAL
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	NORMAL
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	NORMAL
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	NORMAL
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	NORMAL
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	NORMAL
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	NORMAL
SB-35-SS	SB-035	0	1	20040917	--	6 U	6 U	--	--	6 U	6 U	NORMAL
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	NORMAL
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	NORMAL
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	NORMAL
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	NORMAL
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	NORMAL
SB-36-SS	SB-036	0	1	20040917	--	6 U	6 U	--	--	6 U	6 U	NORMAL
SB-3A-SS	SB-003A	0	1	20040920	--	5 U	5 U	--	--	5 U	5 U	NORMAL
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	NORMAL
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	NORMAL
SB-4A-SS	SB-004A	0	1	20040921	--	6 U	6 U	--	--	6 U	6 U	NORMAL
SB-500-0001	SB-500	0	1	20071127	110 UR	5.7 U	5.7 U	1.2 J	--	5.7 U	5.7 U	NORMAL
SB-501-0001	SB-501	0	1	20071127	120 UR	5.8 U	0.37 J	12 U	--	5.8 U	5.8 U	NORMAL
SB-502-0001	SB-502	0	1	20071127	120 UR	5.9 U	5.9 U	12 U	--	5.9 U	5.9 U	NORMAL
SB-503-0001	SB-503	0	1	20071127	120 UR	5.8 U	0.46 J	1.1 J	--	5.8 U	5.8 U	NORMAL
SB-503-0001-D	SB-503	0	1	20071127	130 UR	6.5 U	6.5 U	13 U	--	6.5 U	6.5 U	NORMAL
SB-504-0001	SB-504	0	1	20071127	110 UR	5.5 U	5.5 U	11 U	--	5.5 U	5.5 U	NORMAL
SB-505-0001	SB-505	0	1	20071127	120 UR	6 U	6 U	12 U	--	6 U	6 U	NORMAL
SB-506-0001	SB-506	0	1	20071128	110 UR	5.7 U	5.7 U	11 U	--	5.7 U	5.7 U	NORMAL
SB-506-0001-D	SB-506	0	1	20071128	120 UR	5.8 U	5.8 U	12 U	--	5.8 U	5.8 U	NORMAL
SB-507-0001	SB-507	0	1	20071128	120 UR	5.8 U	5.8 U	12 U	--	5.8 U	5.8 U	NORMAL
SB-508-0001	SB-508	0	1	20071128	120 UR	5.8 U	5.8 U	12 U	--	5.8 U	5.8 U	NORMAL
SB-509-0001	SB-509	0	1	20071129	120 UR	5.8 U	5.8 U	12 U	--	5.8 U	5.8 U	NORMAL
SB-510-0001	SB-510	0	1	20071128	110 UR	5.6 U	5.6 U	11 U	--	5.6 U	5.6 U	NORMAL
SB-511-0001	SB-511	0	1	20071129	110 UR	5.7 U	5.7 U	11 U	--	5.7 U	5.7 U	NORMAL
SB-512-0001	SB-512	0	1	20071129	110 UR	5.6 U	5.6 U	11 U	--	5.6 U	5.6 U	NORMAL
SB-513-0001	SB-513	0	1	20071129	120 UR	5.8 U	5.8 U	12 U	--	5.8 U	5.8 U	NORMAL
SB-514-0001	SB-514	0	1	20071129	120 UR	5.8 U	5.8 U	12 U	--	5.8 U	5.8 U	NORMAL
SB-515-0001	SB-515	0	1	20071129	120 UR	5.9 U	5.9 U	12 U	--	5.9 U	5.9 U	NORMAL
SB-516-0001	SB-516	0	1	20071130	120 UR	6 U	6 U	12 U	--	6 U	6 U	NORMAL
SB-517-0001	SB-517	0	1	20071130	110 UR	5.7 U	5.7 U	11 U	--	5.7 U	5.7 U	NORMAL
SB-518-0001	SB-518	0	1	20071130	120 UR	6 U	6 U	12 U	--	6 U	6 U	NORMAL
SB-519-0001	SB-519	0	1	20071130	120 UR	5.9 U	5.9 U	12 U	--	5.9 U	5.9 U	NORMAL
SB-520-0001	SB-520	0	1	20071130	120 UR	6.2 U	6.2 U	12 U	--	6.2 U	6.2 U	NORMAL
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	BACKFILL
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	BACKFILL
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	BACKFILL
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	BACKFILL
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	BACKFILL
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	BACKFILL
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	BACKFILL
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	BACKFILL
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	NORMAL
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	NORMAL
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	NORMAL
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	NORMAL

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE								MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS (UG/K
					SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	74.7	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	68.3	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	86.6	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	63.3	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	65.2	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	75.1	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	75.9	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	81.9	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	82	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	94	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	79	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	79	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	82	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	81	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	88	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	86	--	--	--	--
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	85	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	85	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	94	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	82	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	88	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	87	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	82	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	95	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	84	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	88	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	84	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	87	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	81	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	84	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	85	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	86	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	94	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	85	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	91	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	90	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	86	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	90	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	89	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	88	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	91	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	89	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	86	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	87	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	88	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	87	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	89	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	88	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	86	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	85	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	85.5	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	86	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	85	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	87	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	85	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	84	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	95	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	81	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	82	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G) HEXACHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	PCBS (UG/KG) AROCLOR-1016	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	8800 U	8800 U	8800 U	8800 U	53000	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	9700 U	9700 U	9700 U	9700 U	49000	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	1900 U	1900 U	1900 U	1900 U	6000	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	26000 U	26000 U	26000 U	26000 U	77000	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	2500 U	2500 U	2500 U	2500 U	10000	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	880 U	880 U	880 U	880 U	4500	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	4300 U	4300 U	4300 U	4300 U	18000	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	400 U	400 U	400 U	400 U	1800	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	89 U	89 U	89 U	89 U	490	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	21 U	21 U	21 U	21 U	19 J	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	21 U	21 U	21 U	21 U	21 J	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	180 U	180 U	180 U	180 U	940	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	19 U	19 U	19 U	19 U	77	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	20 U	20 U	20 U	20 U	91	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	5.4 J	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	17 U	17 U	17 U	17 U	41	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	20 U	20 U	20 U	20 U	23	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	19 U	19 U	19 U	19 U	190	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	21 U	21 U	21 U	21 U	21 U	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	18 U	18 U	18 U	18 U	66	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	20 U	20 U	20 U	20 U	140	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	920 U	920 U	920 U	920 U	9600	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 UJ	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	19.5 U	19.5 U	19.5 U	19.5 U	19.5 U	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	17 U	17 U	17 U	17 U	61	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	20 U	20 U	20 U	20 U	12 J	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-533-0001	SB-533	0	1	20071204	53000	79400	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	49000	78100	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	6000	11700	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	77000	155000	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	10000	17500	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	4500	7140	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	18000	30900	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	1800	3000	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	490	757	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	19	82	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	21	84	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-542-SS0-0.5	SB-542	0	0.5	20081023	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	940	1480	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	77	134	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	91	151	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	5.4	62.4	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	41	92	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	23	83	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	190	247	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	0 U	73.5	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	66	120	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	140	200	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	9600	12360	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	0 U	68.25	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	61	112	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	12	72	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE												
												RADIONUCLIDES (PCI/G)				
					INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE											TCLP METALS (MG/L)	
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)											
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	NORMAL
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	NORMAL
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	NORMAL
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	NORMAL
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	NORMAL
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	NORMAL
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	NORMAL
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	NORMAL
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	NORMAL
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	NORMAL
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	NORMAL
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	NORMAL
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	NORMAL
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	NORMAL
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	NORMAL
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	NORMAL
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	NORMAL
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	NORMAL
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	NORMAL
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	NORMAL
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	NORMAL
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	NORMAL
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	NORMAL
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	NORMAL
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	NORMAL
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	NORMAL
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	NORMAL
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	NORMAL
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	NORMAL
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	NORMAL
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	NORMAL
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	NORMAL
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	NORMAL
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	NORMAL
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	NORMAL
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	NORMAL
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	NORMAL
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	NORMAL
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	NORMAL
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	NORMAL
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	NORMAL
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	NORMAL
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	NORMAL
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	NORMAL
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	NORMAL
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	NORMAL
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	NORMAL
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	NORMAL
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	NORMAL
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	NORMAL
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	NORMAL
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	NORMAL
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	NORMAL
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	NORMAL
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	NORMAL
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	NORMAL
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	NORMAL
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	NORMAL
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	NORMAL
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	NORMAL
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	NORMAL

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE								MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS (UG/K
					SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	84	--	--	--	--
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	86	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	80	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	83	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	91	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	85	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	87	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	86	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	82	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	86	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	88	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	90	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	88	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	91	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	93	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	83	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	82	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	91	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	95	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	90	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	89	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	89	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	87	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	86	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	93	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	93	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	93	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	93	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	91	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	92	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G) HEXACHLOROBIPHENYLS	G) NONACHLOROBIPHENYLS	G) OCTACHLOROBIPHENYLS	G) PENTACHLOROBIPHENYLS	G) TETRACHLOROBIPHENYLS	G) TRICHLOROBIPHENYLS	PCBS (UG/KG) AROCLOR-1016	PCBS (UG/KG) AROCLOR-1242	PCBS (UG/KG) AROCLOR-1248	PCBS (UG/KG) AROCLOR-1254	PCBS (UG/KG) AROCLOR-1260	PCBS (UG/KG) AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	--
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	21 U	21 U	21 U	21 U	21 U	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	18 U	18 U	18 U	18 U	5.6 J	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	27	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	950 U	950 U	950 U	950 U	3800	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	910 U	910 U	910 U	4800	3800 J	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	1800 U	1800 U	1800 U	36000	17000 J	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	18 U	18 U	18 U	18 U	180	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	19 U	19 U	19 U	19 U	11 J	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	19 U	19 U	19 U	51	19 U	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	196 U	196 U	196 U	196 U	1600	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	18 U	18 U	18 U	18 U	5.2 J	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	18 U	18 U	18 U	18 U	13 J	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-550-SS0.5-1	SB-550	0.5	1	20081023	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-550-SS0-0.5	SB-550	0	0.5	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	0 U	73.5	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	5.6	59.6	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	27	84	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	3800	6650	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	8600	10875	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	53000	57500	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	180	234	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	11	68	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	51	108	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	1600	2188	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	5.2	59.2	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	13	67	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE												
												RADIONUCLIDES (PCI/G)				
					INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE											TCLP METALS (MG/L)	
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE													
											TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)						
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	NORMAL
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	NORMAL
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	NORMAL
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	NORMAL
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	NORMAL
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	NORMAL
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	NORMAL
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	NORMAL
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	NORMAL
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	NORMAL
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	NORMAL
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	NORMAL
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	BACKFILL
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	BACKFILL
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	BACKFILL
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	NORMAL
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	NORMAL
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	NORMAL
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	NORMAL
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	NORMAL
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	NORMAL
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	NORMAL
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	NORMAL
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	NORMAL
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	NORMAL
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	NORMAL
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	NORMAL
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	NORMAL
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	NORMAL
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	NORMAL

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)									METALS (MG/KG)		
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	--	--	--	--	--	--	--	--	--	2.8 U	1.1	--
SB-6A-SS	SB-006A	0	1	20040917	--	--	--	--	--	--	--	--	--	2.8 U	1.7	--
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	2.8 U	2.8 U	29	--	5.8 L	--	8 J	--	0.11 U	--	3.6 K	2.8 U
SB-6A-SS	SB-006A	0	1	20040917	2.8 U	2.8 U	10 K	--	5.1 L	--	2.8 UJ	--	0.11 U	--	5.6 K	2.8 U
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE								MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS (UG/K
					SILVER	THALLIUM	URANIUM-234	URANIUM-235	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	HEPTACHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	PCB HOMOLOGS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	90	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	92	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	92	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	85	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	90	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	87	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	86	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	91	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	88	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	96	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	95	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	92	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	86	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	85	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	86	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	90	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	91	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	91	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	90	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	87	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	91	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	91	--	--	--	--
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	92	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	93	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	85	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	97	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	88	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	92	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	91	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	90	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	90	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	91	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	94	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	2.8 UL	2.2 UL	--	--	--	--	28 UL	--	--	--	--	--
SB-6A-SS	SB-006A	0	1	20040917	2.8 UL	2.3 UL	--	--	--	--	28 UL	--	--	--	--	--
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	G) HEXACHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	PCBS (UG/KG) AROCLOR-1016	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	10000	NA
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	19 U	19 U	19 U	19 U	40	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	17 U	17 U	17 U	17 U	17 U	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	18 U	18 U	18 U	18 U	11 J	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	97 U	97 U	97 U	97 U	1000	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	20 U	20 U	20 U	20 U	340	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	19 U	19 U	19 U	19 U	210	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	18 U	18 U	18 U	18 U	11 J	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	92 U	92 U	92 U	92 U	1200	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	4.3 J	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	5.4 J	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	18 U	18 U	18 U	18 U	25	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	--
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	910 U	910 U	910 U	910 U	11000	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	9000 U	9000 U	9000 U	9000 U	81000 J	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	690 U	690 U	690 U	690 U	7900	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	19000 U	19000 U	19000 U	19000 U	300000	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	180 U	180 U	180 U	180 U	3200	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	370 U	370 U	370 U	370 U	6800	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	--
SB-5A-SS	SB-005A	0	1	20040917	--	--	--	--	--	--	280 U	280 U	280 U	280 U	280 U	--
SB-6A-SS	SB-006A	0	1	20040917	--	--	--	--	--	--	290 U	290 U	290 U	290 U	290 U	--
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	23 U	14 U	19 U	19 U	19 U	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	23 U	14 U	19 U	19 U	19 U	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	110 U	66 U	87 U	87 U	650	--
SUST1-022916	SUST1	1.5	1.5	20160229	--	--	--	--	--	--	6800 U	6200 U	4500 U	7900 U	150000	5600 U
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	4.7 U	5.3 U	5.2 U	5.5 U	4.6 U	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	5.1 U	5.8 U	5.6 U	6 U	89	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	5 U	5.7 U	5.5 U	5.8 U	5 J	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	5.1 U	5.8 U	5.6 U	6 U	5 U	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			PETROLEUM	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
					TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	40	97	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	0 U	59.5	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	11	65	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	1000	1291	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	340	400	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	210	267	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	11	65	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	1200	1476	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	4.3	61.3	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	5.4	62.4	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	25	79	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-568-SS0.5-1	SB-568	0.5	1	20081021	11000	13730	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	81000	108000	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	7900	9970	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	300000	357000	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	3200	3740	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	6800	7910	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	0 U	980	--	11000 U	110 U	--	--	--	380 U	380 U	380 U	380 U
SB-6A-SS	SB-006A	0	1	20040917	0 U	1015	--	11000 U	170	--	--	--	390 U	390 U	390 U	390 U
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	0 U	64	--	--	--	--	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	0 U	64	--	--	--	--	--	3.6 U	3.6 U	3.6 U	7.7	9.2
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	650	901.5	--	--	--	--	--	23 U	56	93	220	450
SUST1-022916	SUST1	1.5	1.5	20160229	150000	179150	250	--	--	53 U	--	--	--	--	--	--
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	0 U	19.35	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	89	107.6	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	5	23.15	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	0 U	21.1	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	2900	2900	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	380 U	380 U	288.31	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
SB-6A-SS	SB-006A	0	1	20040917	390 U	390 U	285.556	390 U	390 UJ	390 UJ	390 UJ	390 UJ	390 U	390 UJ	390 U	390 U
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	6.9278	4.8743	--	4.5 J	3.8 J	6.2 J	3.7 U	3.7 U	4.3 J	3.7 U	9.6	3.7 U
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	42.644	40.844	--	34	31	42	29	21	34	3.6 U	55	3.6 U
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	3154.3	3154.3	--	2000	2100	2700	1600	1200	2300	440	3400	110
SUST1-022916	SUST1	1.5	1.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE												
												RADIONUCLIDES (PCI/G)				
					INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	BISMUTH-212	BISMUTH-214	CESIUM-137	LEAD-212	LEAD-214
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	380 U	380 U	380 U	380 U	0 U	--	--	--	--	--	--	--
SB-6A-SS	SB-006A	0	1	20040917	390 UJ	390 U	390 U	390 U	0 U	--	--	--	--	--	--	--
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	3.7 U	7.6	11	6.8 J	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	20	3.6 U	20	49	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	1300	95	1100	3500	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	POTASSIUM-40	RADIUM-226	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238
				Units	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--
SB-6A-SS	SB-006A	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	SEMIVOLATILES (UG/KG)											
					1,1-BIPHENYL	2-METHYLNAPHTHALENE	2-NITROANILINE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	2900	2900	NA	NA
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	380 U	--	950 U	380 U	--	--	380 U	--	--	--	--	--
SB-6A-SS	SB-006A	0	1	20040917	390 U	--	44 J	390 U	--	--	390 U	--	--	--	--	--
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	40 U	270	100 U	230 U	800	290	100 U	1500	6800	6800	4500	4700
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	--	--	--	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U
SB-6A-SS	SB-006A	0	1	20040917	--	--	--	390 U	390 U	390 U	390 U	--	--	390 U	390 U	390 U
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	6400	2700	2500	220 U	420 J	420 U	830	5000	740	350 J	180 U	170 U
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE											TCLP METALS (MG/L)	
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS (MG/L)	TCLP METALS (MG/L)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	--	--	--	--	950 U	--	380 U	--	--	--	--	--
SB-6A-SS	SB-006A	0	1	20040917	--	--	--	--	970 U	--	390 U	--	--	--	--	--
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	9600	780	2400	320	100 U	7200	83 U	9000	58700	58700	0.0052 U	0.67 U
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)											
					CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--
SB-6A-SS	SB-006A	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	0.034 U	0.0059 U	0.12 U	0.00009 U	0.004 U	--	--	--	--	--	--	--
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--
SB-6A-SS	SB-006A	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE	OCTANE, 3-METHYL-	PENTANE	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--
SB-6A-SS	SB-006A	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG) 1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	CARBON DISULFIDE	CHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	330000	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	6 U	--	6 U	6 U	6 U	6 U	6 U	55 U	6 U	55 U	6 U	6 U
SB-6A-SS	SB-006A	0	1	20040917	6 UJ	--	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ	58 UJ	6 UJ	58 UJ	6 UJ	6 UJ
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	0.53 U	0.49 U	0.4 U	0.62 U	0.36 U	0.73 U	0.3 U	1.2 U	0.44 U	6.1 U	0.63 UJ	0.56 U
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	6 U	6 U	6 U	11 U	--	8 J	6 U	6 U	6 U	6 U	6 U	6 U
SB-6A-SS	SB-006A	0	1	20040917	6 UJ	6 UJ	6 UJ	12 UJ	--	9 J	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	0.3 U	0.34 U	0.21 U	0.45 U	--	0.79 U	0.37 U	0.63 U	0.64 U	0.61 U	0.97 U	0.42 U
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-2
COMPARISON OF CHEMICAL DETECTIONS IN SURFACE SOILS (0-2 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP, BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	NORMAL
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	NORMAL
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	NORMAL
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	NORMAL
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	NORMAL
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	NORMAL
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	NORMAL
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	NORMAL
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	NORMAL
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	NORMAL
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	NORMAL
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	NORMAL
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	NORMAL
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	NORMAL
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	NORMAL
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	NORMAL
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	NORMAL
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	NORMAL
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	NORMAL
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	NORMAL
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	NORMAL
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	NORMAL
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	NORMAL
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	NORMAL
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	NORMAL
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	BACKFILL
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	BACKFILL
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	NORMAL
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	BACKFILL
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	BACKFILL
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	NORMAL
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	NORMAL
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	NORMAL
SB-5A-SS	SB-005A	0	1	20040917	--	6 U	6 U	--	--	6 U	6 U	NORMAL
SB-6A-SS	SB-006A	0	1	20040917	--	6 UJ	6 UJ	--	--	6 UJ	6 UJ	NORMAL
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	NORMAL
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	NORMAL
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	NORMAL
SUST1-022916	SUST1	1.5	1.5	20160229	6.1 U	0.85 U	0.29 U	0.57 U	0 U	0.34 U	0.4 U	NORMAL
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	NORMAL
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	NORMAL
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	NORMAL
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	NORMAL

Notes:
FT BGS - feet below ground surface
mg/kg - milligrams per kilogram
ug/kg - micrograms per kilogram
PRG for IND - Preliminary Remediation Goal for Industrial Cleanup
PCB - polychlorinated biphenyl
PAH - polycyclic aromatic hydrocarbon
U - analyte was not detected above laboratory detection limit
J - estimated concentration
NA - sample not analyzed, or cleanup goal not available, for given parameter
BAP - benzo(a)pyrene
TCLP - Toxicity Characteristics Leaching Procedure
HALFND - value calculated using half the non-detect results
POS - value calculated using only the positive detections
UCL - upper confidence limit

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A) ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A) ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	METALS (MG/KG)												
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	1.8 UL	4.4 J	16 J	7	0.17 U	24	94	47	--	10	--	0.018 U	1.2 U
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PARAMETERS (%)
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	PERCENT SOLIDS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	58	2.1 U	0.46 U	0.51 U	--	--	--	--	--	--	51	81	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)		MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)						PCBS (UG/KG)		
					FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254
					MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	F	MG/KG	MG/KG	S.U.	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000
BOTT-051616	BOTT	8.5	8.5	20160516	200 >	--	--	--	--	--	--	--	--	--	14 U	9.9 U	17 U
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	13 U	9.5 U	17 U
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	17 U	22 U	22 U
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	17 U	23 U	23 U
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	17 U	22 U	22 U
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	14 U	19 U	19 U
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	17 U	22 U	22 U
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	1400 U	1900 U	1900 U
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	1500 U	2000 U	2000 U
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	740 U	970 U	970 U
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	750 U	980 U	980 U
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	1500 U	2000 U	2000 U
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	14 U	27 J	19 U
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	14 U	19 U	19 U
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	1500 U	2000 U	38000
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	140 U	190 U	1400
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	140 U	190 U	1100
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	75000 U	98000 U	810000
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	70 U	91 U	370
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	76000 U	99000 U	340000 J
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	150000 U	200000 U	700000 J
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	7700 UJ	10000 UJ	70000 J
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	14 UJ	19 UJ	260 J
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	72 U	94 U	310
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	76000 U	100000 U	1600000
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	3100 U	4000 U	120000
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	150 J	190 U	6400
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	15 U	19 U	51 J
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	30 U	39 U	39 U
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE				PESTICIDES (UG/KG)			PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS	
					AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDE	ENDOSULFAN SULFATE	ENDRIN ALDEHYDE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BOTT-051616	BOTT	8.5	8.5	20160516	180	180	244.45	--	--	--	20	--	--	57 U	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	150	150	211.75	--	--	--	16 J	--	--	55 U	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	20 U	0 U	67	--	--	--	--	--	--	--	--	3.9 U	3.9 U
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	160	160	223.5	--	--	--	--	--	--	--	--	4.2 U	4.2 U
E-CB-11A-6-8	E-CB-11A	6	8	20120720	34 J	34	90.5	--	--	--	--	--	--	--	--	3.8 U	3.8 U
E-CB-11A-8-10	E-CB-11A	8	10	20120720	39 J	39	99.5	--	--	--	--	--	--	--	--	4 U	4 U
E-CB-11B-2-4	E-CB-11B	2	4	20120719	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	20 U	0 U	68	--	--	--	--	--	--	54 U	19000 B	3.9 U	3.9 U
E-CB-11B-8-10	E-CB-11B	8	10	20120719	21 U	0 U	71	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	23 U	0 U	77	--	--	--	--	--	--	--	--	4.3 U	4.3 U
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	20 U	0 U	68.5	--	--	--	--	--	--	--	--	3.9 U	3.9 U
E-CB-13-6-8	E-CB-13	6	8	20120720	21 U	0 U	71	--	--	--	--	--	--	--	--	4.1 U	4.1 U
E-CB-13-8-10	E-CB-13	8	10	20120720	22 U	0 U	74	--	--	--	--	--	--	--	--	4.3 U	4.3 U
E-CB-2-2-4	E-CB-2	2	4	20120719	19 U	0 U	63.5	--	--	--	--	--	--	--	--	3.6 U	3.6 U
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	20 U	0 U	66.5	--	--	--	--	--	--	--	--	3.7 U	3.7 U
E-CB-2-6-8	E-CB-2	6	8	20120719	22 U	0 U	74.5	--	--	--	--	--	--	--	--	4.3 U	4.3 U
E-CB-2-8-10	E-CB-2	8	10	20120719	19 U	0 U	65	--	--	--	--	--	--	--	--	3.8 U	3.8 U
E-SB-1000-2-3	E-SB-1000	2	3	20130412	140	140	195.5	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	22000	22000	27400	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	26000	26000	31650	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	6800	6800	9595	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	9600	9600	12415	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	12000	12000	17700	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	19 U	27	81	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	52	52	106	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	2000 U	38000	43700	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	190 U	1400	1940	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	190 U	1100	1640	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	98000 U	810000	1092000	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	91 U	370	631.5	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	99000 U	340000	625000	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	200000 U	700000	1270000	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	10000 UJ	70000	98750	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	19 UJ	260	314	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	94 U	310	582.5	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	100000 U	1600000	1886000	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	4000 U	120000	131550	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	190 U	6550	7015	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	19 U	51	106.5	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	20 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	20 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	20 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	140	140	195	--	--	--	--	--	--	--	--	--	--
E-SB-1026-05	E-SB-1026	5	5	20131002	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	25 J	25	83.5	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	110	110	168.5	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	360	360	472.5	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	20 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	(UG/KG) ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	10000	10000	10000	NA	NA	NA	NA	NA	NA	NA
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	4.2 U	4.2 U	9.2	78.842	76.742	--	66	57	88	52	46	82	4.2 U
E-CB-11A-6-8	E-CB-11A	6	8	20120720	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-CB-11A-8-10	E-CB-11A	8	10	20120720	4 U	4 U	4 U	19.529	17.529	--	16	13	17	12	11	19	4 U
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	--	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	1.4 U	4.3 U
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	3.9 U	3.9 U	3.9 U	6.5752	2.6557	--	5.1 J	3.9 U	5.4 J	3.9 U	3.9 U	5.7 J	3.9 U
E-CB-13-6-8	E-CB-13	6	8	20120720	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	1.4 U	4.1 U
E-CB-13-8-10	E-CB-13	8	10	20120720	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	--	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	1.4 U	4.3 U
E-CB-2-2-4	E-CB-2	2	4	20120719	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	1.2 U	3.6 U
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U
E-CB-2-6-8	E-CB-2	6	8	20120719	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	--	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	1.4 U	4.3 U
E-CB-2-8-10	E-CB-2	8	10	20120719	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)				
													THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	86	4.2 U	38	4.2 U	26	88	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	8.6	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	21	4 U	11	4 U	4 U	20	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	28	3.9 U	16	3.9 U	3.9 U	6 J	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE		RADIONUCLIDES (PCI/G)												
					URANIUM-238	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIOCHEMISTRY BY ALPHA	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	0.45 J	0.265 J
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	0.219 J	0.184 J
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	0.34 J	0.514 J
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	0.359 J	0.181 J
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									SEMIVOLATILES (UG/KG)				
					THORIUM-232	THORIUM-234	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	2-METHYLNAPHTHALENE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	4.3 U	0.61 U	25 U	30	5.1 J
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	4.2 U	0.6 U	24 U	19	6.6 J
DREW-030216	DREW	2.5	2.5	20160302	0.737	--	--	--	0.0206 U	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	0.914	--	--	--	0.0183 U	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	0.336 J	--	0.152 J	--	--	0.0409 U	--	0.166 J	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	0.0931 U	--	0.211 J	--	--	-0.0011 U	--	0.104 J	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	0.34 J	--	0.375 J	--	--	0.0409 U	--	0.249 J	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	0.453 J	--	0.231 J	--	--	0.0119 U	--	0.126 J	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	4 U	0.57 U	23 U	0.87 U	0.4 U
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	4.1 U	0.58 U	23 U	0.89 U	0.41 U
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	4 U	0.57 U	23 U	0.87 U	0.4 U
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	3.9 U	0.56 U	22 U	0.85 U	0.39 U
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	4 U	0.58 U	23 U	0.88 U	0.4 U
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	4.2 U	0.6 U	24 U	0.91 U	0.42 U
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	4.2 U	0.6 U	24 U	0.92 U	0.42 U
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	4 U	4.7 J	23 U	0.87 U	0.4 U
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	4.2 U	0.6 U	24 U	0.91 U	0.42 U
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	4 U	0.57 U	23 U	0.87 U	0.4 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BOTT-051616	BOTT	8.5	8.5	20160516	58	381.97	381.97	15 U	250	250	350	200	170	25 J	12 U	45 U	35 J
BOTT-051616-D	BOTT	8.5	8.5	20160516	41	404.57	404.57	14 U	240	260	390	220	130	23 U	12 U	44 U	32 U
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	0.89 U	0.73 U	0.73 U	14 U	0.72 U	0.73 U	0.68 U	0.4 U	0.78 U	22 U	11 U	42 U	31 U
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	0.91 U	0.75 U	0.75 U	14 U	0.74 U	0.75 U	0.69 U	0.41 U	0.79 U	22 U	12 U	43 U	32 U
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	0.89 U	0.73 U	0.73 U	14 U	0.72 U	0.73 U	0.68 U	0.4 U	0.78 U	22 U	11 U	42 U	31 U
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	0.88 U	0.72 U	0.72 U	13 U	0.71 U	0.72 U	0.66 U	0.39 U	0.76 U	21 U	11 U	42 U	30 U
E-SB-1026-05	E-SB-1026	5	5	20131002	0.9 U	0.74 U	0.74 U	14 U	0.73 U	0.74 U	0.68 U	0.4 U	0.78 U	22 U	12 U	43 U	31 U
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	0.93 U	10.1885	9.7725	14 U	8.1	7.7 J	12	7.2 J	5.5 J	28 J	12 U	44 U	32 U
E-SB-1027-07	E-SB-1027	7	7	20131002	5.9 J	70.202	69.802	14 U	48	51	89	49	44	32 J	12 U	45 U	33 U
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	0.9 U	23.545	23.165	14 U	20	17	27	16	14	28 B	11 U	42 U	31 U
E-SB-1028-09	E-SB-1028	9	9	20131002	0.93 U	24.884	24.489	14 U	30	17	34	11	6.3 J	37 B	12 U	46 J	32 U
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	0.89 U	0.73 U	0.73 U	14 U	0.72 U	0.73 U	0.67 U	0.4 U	0.78 U	22 U	11 U	42 U	31 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE	DIBENZOFURAN	DI-N-BUTYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BOTT-051616	BOTT	8.5	8.5	20160516	270	53	9.7 J	18 U	530	24	170	4.2 J	240	9 U	440	3044.3	3044.61
BOTT-051616-D	BOTT	8.5	8.5	20160516	270	62	0.79 U	28 J	470	16	180	0.98 U	180	8.8 U	420	2904.6	2905.39
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	1.3 U	0.76 U	0.76 U	19 B	0.63 U	0.61 U	0.4 U	0.94 U	0.84 U	8.4 U	0.5 U	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	1.3 U	0.77 U	0.77 U	24 B	5.6 J	0.62 U	0.41 U	0.96 U	0.85 U	8.5 U	5 J	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	1.3 U	0.76 U	0.76 U	17 U	0.63 U	0.61 U	0.4 U	0.94 U	0.84 U	8.4 U	0.5 U	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	1.2 U	0.74 U	0.74 U	20 J	0.62 U	0.59 U	0.39 U	0.92 U	0.82 U	8.2 U	0.49 U	--	--
E-SB-1026-05	E-SB-1026	5	5	20131002	1.3 U	0.76 U	0.76 U	40 J	7.1 J	0.61 U	0.4 U	0.95 U	8.1	8.4 U	5 J	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	7.5 J	0.79 U	0.79 U	24 J	10	0.63 U	0.42 U	0.98 U	0.87 U	8.7 U	9.9	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	62	0.8 U	0.8 U	22 J	84	0.64 U	46	0.99 U	22	8.8 U	68	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	25	0.76 U	0.76 U	36 B	40	0.61 U	13	0.94 U	19	8.4 U	35	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	26	0.79 U	0.79 U	120 B	51	0.63 U	10	0.98 U	8.3	13 J	48	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	1.3 U	0.75 U	0.75 U	59 B	0.63 U	0.61 U	0.4 U	0.94 U	0.83 U	8.3 U	0.5 U	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TCLP METALS (MG/L)							TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)					
					ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BOTT-051616	BOTT	8.5	8.5	20160516	0.013 J	0.11 J	0.0004 J	0.0069 J	0.0051 J	0.00009 U	0.009 J	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	0.0093 J	0.07 J	0.00041 J	0.0085 J	0.0075 J	0.00009 U	0.0051 U	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS-	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			VOLATILES (UG/KG)										
					UNKNOWN [2.17]	UNKNOWN [3.57]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	530000	NA	NA	NA	NA	NA
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	0.44 U	0.36 U	0.84 U	0.53 U	0.48 UJ	0.69 U	0.61 U	0.36 U	0.48 U	0.73 U	0.99 U
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	0.43 U	0.35 U	0.82 U	0.51 U	0.47 UJ	0.39 U	0.59 U	0.35 U	0.47 U	0.7 U	0.84 U
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	1.2 U	0.34 U	0.49 U	0.36 U	0.16 U	0.25 U	0.61 U	0.34 U	0.32 U	0.33 U	0.62 U
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	1.2 U	0.32 U	0.46 U	0.34 U	0.15 U	0.24 U	0.58 U	0.32 U	0.3 U	0.31 U	0.58 U
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	1.1 U	0.29 U	0.42 U	0.31 U	0.14 U	0.22 U	0.53 U	0.29 U	0.28 U	0.29 U	0.54 U
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	1.2 U	0.32 U	0.46 U	0.34 U	0.15 U	0.24 U	0.58 U	0.32 U	0.3 U	0.31 U	0.59 U
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	1 U	0.28 U	0.4 U	0.29 U	0.13 U	0.21 U	0.5 U	0.28 U	0.26 U	0.27 U	0.51 U
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	1.1 U	0.3 U	0.43 U	0.32 U	0.14 U	0.23 U	0.54 U	0.3 U	0.28 U	0.29 U	0.55 U
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	1.2 U	0.32 U	0.46 U	0.34 U	0.15 U	0.24 U	0.58 U	0.32 U	0.3 U	0.31 U	0.59 U
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	1.2 U	0.33 U	0.48 U	0.35 U	0.16 U	0.25 U	0.6 U	0.33 U	0.32 U	0.33 U	0.61 U
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	1.1 U	0.31 U	0.45 U	0.33 U	0.15 U	0.23 U	0.56 U	0.31 U	0.29 U	0.3 U	0.57 U
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	1.3 U	0.35 U	0.51 U	0.37 U	0.17 U	0.27 U	0.64 U	0.35 U	0.33 U	0.34 U	0.65 U
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	74 U	32 U	34 U	19 U	0.32 U	14 U	9.5 U	16 U	19 U	9.1 U	15 U
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	230 U	98 U	100 U	58 U	0.98 U	42 U	29 U	50 U	58 U	28 U	46 U
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	160 U	69 U	73 U	40 U	0.69 U	29 U	20 U	35 U	40 U	19 U	32 U
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	3100 U	1400 U	1400 U	800 U	14 U	580 U	400 U	690 U	800 U	380 U	640 U
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	360 U	160 U	170 U	93 U	1.6 U	68 U	47 U	80 U	93 U	45 U	75 U
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	1.2 U	0.32 U	0.46 U	0.34 U	0.15 U	0.24 U	0.58 U	0.32 U	0.3 U	0.31 U	0.59 U
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	34 U	15 U	15 U	8.6 U	0.15 U	6.3 U	4.3 U	7.4 U	8.6 U	4.1 U	6.9 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	BENZENE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	DICHLORODIFLUOROMETHANE	ETHYLBENZENE	HEXANE	ISOPROPYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BOTT-051616	BOTT	8.5	8.5	20160516	2.2 J	0.43 U	10 J	0.95 U	1.1 U	0.68 U	0.98 J	0.38 U	0.29 U	0.29 U	0.39 J	--	0.21 U
BOTT-051616-D	BOTT	8.5	8.5	20160516	2.8 J	0.42 U	12 J	0.92 U	1.2 U	0.66 U	1 J	0.37 U	0.29 U	0.29 U	0.35 J	--	0.2 U
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	1.4 J	0.2 U	20	0.22 U	0.41 U	0.35 U	0.31 U	0.27 U	0.34 U	0.47 U	0.24 U	--	0.15 U
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	1.2 U	0.19 U	5.6 U	0.2 U	0.39 U	0.33 U	0.29 U	0.26 U	0.32 U	0.44 U	0.23 U	--	0.14 U
E-SB-1023-08	E-SB-1023	8	8	20131003	1.1 U	0.17 U	5.1 U	0.19 U	0.36 U	0.3 U	0.27 U	0.24 U	0.29 U	0.41 U	0.21 U	--	0.13 U
E-SB-1024-05	E-SB-1024	5	5	20131003	1.2 U	0.19 U	5.6 U	0.2 U	0.39 U	0.33 U	0.29 U	0.26 U	1.6 J	0.44 U	0.23 U	--	0.14 U
E-SB-1024-08	E-SB-1024	8	8	20131003	1.1 U	0.16 U	5.8 J	0.18 U	0.34 U	0.29 U	0.26 U	0.22 U	0.28 U	0.39 U	0.2 U	--	0.12 U
E-SB-1025-05	E-SB-1025	5	5	20131003	1.2 U	0.18 U	5.3 U	0.19 U	0.37 U	0.31 U	0.28 U	0.24 U	0.3 U	0.42 U	0.22 U	--	0.13 U
E-SB-1025-08	E-SB-1025	8	8	20131003	2.8 J	0.19 U	16 B	0.2 U	0.39 U	0.33 U	0.29 U	0.26 U	0.32 U	0.44 U	0.23 U	--	0.14 U
E-SB-1026-03	E-SB-1026	3	3	20131002	1.3 U	0.2 U	5.9 U	0.21 U	0.41 U	0.34 U	0.31 U	0.27 U	0.33 U	0.46 U	0.24 U	--	0.15 U
E-SB-1026-05	E-SB-1026	5	5	20131002	1.2 U	0.18 U	5.4 U	0.2 U	0.38 U	0.32 U	0.28 U	0.25 U	0.31 U	0.43 U	0.22 U	--	0.14 U
E-SB-1026-08	E-SB-1026	8	8	20131002	1.4 U	0.21 U	6.2 U	0.23 U	0.43 U	0.36 U	0.32 U	0.29 U	0.35 U	0.49 U	0.26 U	--	0.16 U
E-SB-1027-05	E-SB-1027	5	5	20131002	82 U	9.1 U	1100 J	23 U	23 U	12 U	12 U	17 U	520	30 U	10 U	--	12 U
E-SB-1027-07	E-SB-1027	7	7	20131002	250 U	28 U	1700 J	69 U	69 U	37 U	37 U	51 U	40 U	93 U	31 U	--	38 U
E-SB-1027-08	E-SB-1027	8	8	20131002	170 U	19 U	1400 J	48 U	48 U	26 U	26 U	36 U	28 U	65 U	22 U	--	26 U
E-SB-1028-08	E-SB-1028	8	8	20131002	3400 U	380 U	25000 J	960 U	960 U	510 U	510 U	700 U	550 U	1300 U	430 U	--	520 U
E-SB-1028-09	E-SB-1028	9	9	20131002	400 U	45 U	6700 J	110 U	110 U	60 U	60 U	82 U	64 U	150 U	50 U	--	61 U
E-SB-1028-10	E-SB-1028	10	10	20131002	1.2 U	0.19 U	5.6 U	0.21 U	0.39 U	0.33 U	0.29 U	0.26 U	0.32 U	0.45 U	0.23 U	--	0.14 U
E-SB-1029-05	E-SB-1029	5	5	20131002	37 U	4.1 U	220 J	10 U	10 U	5.5 U	5.5 U	7.6 U	20 J	14 U	4.6 U	--	5.6 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BOTT-051616	BOTT	8.5	8.5	20160516	0.89 J	--	0.78 U	0.37 U	0.62 U	0.63 U	0.71 J	0.96 U	0.42 U	0.71 U	6 U	0.84 U	0.28 U
BOTT-051616-D	BOTT	8.5	8.5	20160516	0.84 J	--	0.75 U	0.36 U	0.6 U	0.61 U	0.59 J	0.93 U	0.41 U	0.68 U	5.8 U	0.82 U	0.28 U
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	1.1 U	--	0.63 U	0.18 U	0.22 U	0.37 U	0.33 U	0.17 U	0.14 U	0.27 U	7.1 UR	0.49 U	0.25 U
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	1.1 U	--	0.59 U	0.17 U	0.2 U	0.35 U	0.31 U	0.16 U	0.13 U	0.26 U	6.7 U	0.46 U	0.24 U
E-SB-1023-08	E-SB-1023	8	8	20131003	0.98 U	--	0.55 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.12 U	0.24 U	6.2 U	0.42 U	0.22 U
E-SB-1024-05	E-SB-1024	5	5	20131003	1.1 U	--	0.6 U	0.17 U	0.2 U	0.36 U	0.31 U	0.16 U	0.13 U	0.26 U	6.8 U	0.46 U	0.24 U
E-SB-1024-08	E-SB-1024	8	8	20131003	0.93 U	--	0.52 U	0.15 U	0.18 U	0.31 U	0.27 U	0.14 U	0.12 U	0.22 U	5.9 U	0.4 U	0.21 U
E-SB-1025-05	E-SB-1025	5	5	20131003	1 U	--	0.56 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.13 U	0.24 U	6.3 U	0.43 U	0.23 U
E-SB-1025-08	E-SB-1025	8	8	20131003	1.1 U	--	0.59 U	0.17 U	0.2 U	0.35 U	0.31 U	0.16 U	0.13 U	0.26 U	6.7 U	0.46 U	0.24 U
E-SB-1026-03	E-SB-1026	3	3	20131002	1.1 U	--	3.7 J	0.18 U	0.21 U	0.37 U	0.33 U	0.17 U	0.14 U	0.27 U	7.1 U	0.48 U	0.25 U
E-SB-1026-05	E-SB-1026	5	5	20131002	1 U	--	0.58 U	0.16 U	0.2 U	0.34 U	0.3 U	0.15 U	0.13 U	0.25 U	6.5 U	0.45 U	0.23 U
E-SB-1026-08	E-SB-1026	8	8	20131002	1.2 U	--	0.66 U	1.6 J	0.23 U	0.39 U	0.34 U	0.68 J	0.15 U	0.29 U	7.5 U	0.51 U	0.27 U
E-SB-1027-05	E-SB-1027	5	5	20131002	12 U	--	150 U	13 U	15 U	27 U	16 U	8.9 U	11 U	12 U	460 U	23 U	32 U
E-SB-1027-07	E-SB-1027	7	7	20131002	36 U	--	450 U	39 U	46 U	81 U	49 U	27 U	32 U	38 U	1400 U	69 U	98 U
E-SB-1027-08	E-SB-1027	8	8	20131002	25 U	--	310 U	27 U	32 U	57 U	34 U	19 U	23 U	26 U	970 U	48 U	69 U
E-SB-1028-08	E-SB-1028	8	8	20131002	490 U	--	6100 U	530 U	640 U	1100 U	680 U	380 U	450 U	520 U	19000 U	960 U	1400 U
E-SB-1028-09	E-SB-1028	9	9	20131002	58 U	--	1300 B	62 U	75 U	130 U	79 U	44 U	52 U	61 U	2200 U	110 U	160 U
E-SB-1028-10	E-SB-1028	10	10	20131002	1.1 U	--	0.6 U	0.17 U	0.21 U	0.36 U	0.31 U	0.16 U	0.13 U	0.26 U	6.8 U	0.46 U	0.24 U
E-SB-1029-05	E-SB-1029	5	5	20131002	5.3 U	--	66 U	5.8 U	6.9 U	12 U	7.3 U	4 U	4.8 U	5.6 U	210 U	10 U	15 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUORO-METHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	3900	NA	NA	
BOTT-051616	BOTT	8.5	8.5	20160516	1.6 J	1.6	0.34 U	0.4 U	0.31 U	0.32 U	NORMAL
BOTT-051616-D	BOTT	8.5	8.5	20160516	1.4 J	1.43	0.33 U	0.39 U	0.3 U	0.31 U	NORMAL
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	NORMAL
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	NORMAL
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	NORMAL
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	NORMAL
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	NORMAL
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	NORMAL
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	NORMAL
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	NORMAL
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	NORMAL
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	NORMAL
E-CB-11B-6-8	E-CB-11B	6	8	20120719	0.63 U	--	0.38 U	0.39 U	0.32 U	0.36 U	NORMAL
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	NORMAL
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	NORMAL
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	NORMAL
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	NORMAL
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	NORMAL
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	NORMAL
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	NORMAL
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	NORMAL
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	NORMAL
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	NORMAL
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	NORMAL
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	NORMAL
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	BACKFILL
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	BACKFILL
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	BACKFILL
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	BACKFILL
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	NORMAL
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	NORMAL
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	NORMAL
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	BACKFILL
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	BACKFILL
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	BACKFILL
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	BACKFILL
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	BACKFILL
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	BACKFILL
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	BACKFILL
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	BACKFILL
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	BACKFILL
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	BACKFILL
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	BACKFILL
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	BACKFILL
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	BACKFILL
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	BACKFILL
E-SB-1023-05	E-SB-1023	5	5	20131003	0.31 U	--	0.36 U	1.2 J	0.3 U	0.35 U	NORMAL
E-SB-1023-08	E-SB-1023	8	8	20131003	0.29 U	--	0.33 U	0.35 J	0.28 U	0.32 U	NORMAL
E-SB-1024-05	E-SB-1024	5	5	20131003	0.31 U	--	0.36 U	51	0.3 U	0.35 U	NORMAL
E-SB-1024-08	E-SB-1024	8	8	20131003	0.27 U	--	0.32 U	4.3	0.26 U	0.3 U	NORMAL
E-SB-1025-05	E-SB-1025	5	5	20131003	0.29 U	--	0.34 U	1.4 J	0.28 U	0.33 U	NORMAL
E-SB-1025-08	E-SB-1025	8	8	20131003	0.31 U	--	0.36 U	0.37 U	0.3 U	0.35 U	NORMAL
E-SB-1026-03	E-SB-1026	3	3	20131002	0.33 U	--	0.38 U	8.3	0.32 U	0.36 U	NORMAL
E-SB-1026-05	E-SB-1026	5	5	20131002	0.3 U	--	0.35 U	0.36 J	0.29 U	0.34 U	NORMAL
E-SB-1026-08	E-SB-1026	8	8	20131002	0.34 U	--	0.4 U	0.41 U	0.33 U	0.38 U	NORMAL
E-SB-1027-05	E-SB-1027	5	5	20131002	12 U	--	17 U	13000	30 U	34 U	NORMAL
E-SB-1027-07	E-SB-1027	7	7	20131002	36 U	--	53 U	50000	93 U	100 U	NORMAL
E-SB-1027-08	E-SB-1027	8	8	20131002	25 U	--	37 U	32000	65 U	73 U	NORMAL
E-SB-1028-08	E-SB-1028	8	8	20131002	490 U	--	730 U	730000	1300 U	1400 U	NORMAL
E-SB-1028-09	E-SB-1028	9	9	20131002	58 U	--	86 U	60000	150 U	170 U	NORMAL
E-SB-1028-10	E-SB-1028	10	10	20131002	0.31 U	--	0.37 U	49	0.3 U	0.35 U	NORMAL
E-SB-1029-05	E-SB-1029	5	5	20131002	5.3 U	--	7.9 U	300	14 U	15 U	NORMAL

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A) ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A) ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	METALS (MG/KG)												
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	0.18 J	6	17	1.9	0.05 J	14 J	4.9 K	14 K	--	7.3 J	--	0.019 UL	0.38 J
E-SB-113A-4-6	E-SB-113A	4	6	20130708	0.14 J	5.3	21	3.7	0.058 J	15 J	5.1 K	16 K	--	5.6 J	--	0.017 UL	0.32 J
E-SB-114A-3-4	E-SB-114A	3	4	20130708	0.15 J	6.7	18	1.8	0.047 J	21 J	3.7 J	20 J	--	6.6 J	--	0.02 UL	0.33 J
E-SB-114A-4-6	E-SB-114A	4	6	20130708	0.071 J	3.3	7.6	1.7	0.029 J	9.2 J	9.6	13	--	3 J	--	0.021 UL	0.24 J
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PARAMETERS (%)
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	13 K	3.4	0.018 B	0.071 J	--	--	--	--	--	--	28 K	25 K	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	17 K	5.2	0.037 B	0.085 J	--	--	--	--	--	--	31 K	36 K	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	13 J	4.8	0.016 B	0.09 J	--	--	--	--	--	--	29 J	30 J	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	10	1.3	0.008 B	0.036 J	--	--	--	--	--	--	21	46	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)		MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)						PCBS (UG/KG)		
					FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254
					MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	F	MG/KG	MG/KG	S.U.	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	14 U	19 U	19 U
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	29 U	37 U	37 U
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	14 U	19 U	19 U
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	14 U	19 U	19 U
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	14 U	19 U	19 U
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	--	--	36 U	48 U	48 U
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	--	--	300 U	390 U	390 U
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	0.32 U	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	0.32 U	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	0.33 U	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	0.33 U	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	5.3 U	5.1 U	5.4 U
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	1.7 U	1.1 U	1.8 U	4 J	1.3 U	0.59 U	8.6 U	14 U	29 J
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	10 U	9.9 U	10 U
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	5 U	4.8 U	5.1 U
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	5.5 U	5.4 U	5.7 U
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	5.3 U	5.2 U	5.5 U
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	5.4 U	5.2 U	5.5 U
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	6.1 U	5.9 U	6.3 U
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	1.7 U	1.1 U	1.8 U	1.7 J	1.2 U	0.56 U	8.3 U	14 U	17 U
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	5.5 U	5.3 U	5.6 U
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	5.7 U	5.5 U	5.9 U
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	5.6 U	5.4 U	5.7 U
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	5.3 U	5.2 U	5.4 U
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	5.9 U	5.7 U	6.1 U
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	54 U	52 U	55 U
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	5.3 U	5.1 U	5.4 U
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	5.4 U	5.2 U	5.5 U
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	5.6 U	5.4 U	5.7 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE				PESTICIDES (UG/KG)			PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS	
					AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDE	ENDOSULFAN SULFATE	ENDRIN ALDEHYDE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1029-08	E-SB-1029	8	8	20131002	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	91	91	146.5	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	21 U	0 U	70.5	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	21 U	0 U	70.5	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	19 U	0 U	64	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	21 U	0 U	71	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	370	370	477.5	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	19 U	0 U	64	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	20 U	0 U	67	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	19 U	0 U	64	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	19 U	0 U	64	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	20 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	20 U	0 U	68	--	--	--	11 U	--	--	54 U	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	10 U	--	--	14000	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	180	180	317.5	--	--	--	10 U	--	--	51 U	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	20 U	0 U	67	--	--	--	11 U	--	--	53 U	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	20 U	0 U	66.5	--	--	--	11 U	--	--	52 U	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	3600	3600	4725	--	--	--	10 U	--	--	50 U	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	68	68	124.5	--	--	--	35	--	--	51 U	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	20 U	0 U	66.5	--	--	--	11 U	--	--	51 U	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	19 U	0 U	65	--	--	--	10 U	--	--	51 U	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	11 U	--	--	51 U	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	20 U	0 U	68.5	--	--	--	11 U	--	--	82 B	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	20 U	0 U	68	--	--	--	11 U	--	--	63 B	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	21 U	0 U	71	--	--	--	11 U	--	--	72 B	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	21 U	0 U	71	--	--	--	11 U	--	--	55 U	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	12 J	12	28.95	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	17 U	29	75.8	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	290	290	322.3	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	83	83	98.9	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	4.8 U	0 U	20.15	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	4.6 U	0 U	19.35	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	16 J	16	33.2	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	5.3 U	0 U	22.1	--	--	--	--	--	--	--	--	--	--
E-SB-1371-4-5	E-SB-1371	4	5	20140730	16 U	0 U	53.45	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	4.7 U	0 U	19.9	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	5 U	0 U	20.8	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	4.8 U	0 U	20.2	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	130	130	147	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	160	160	178.9	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	1800	1800	1972	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	64	64	80.85	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	8.9 J	8.9	26.15	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	4.8 U	0 U	20.3	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	(UG/KG) ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	10000	10000	10000	NA	NA	NA	NA	NA	NA	NA
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)				
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE		RADIONUCLIDES (PCI/G)												
					URANIUM-238	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIOCHEMISTRY BY ALPHA	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									SEMIVOLATILES (UG/KG)				
					THORIUM-232	THORIUM-234	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	2-METHYLNAPHTHALENE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	4 U	0.57 U	23 U	0.86 U	0.4 U
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	4 U	0.57 U	23 U	0.87 U	0.4 U
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	4 U	0.57 U	23 U	0.87 U	0.4 U
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	4.3 U	0.61 U	24 U	0.93 U	0.43 U
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	4 U	0.57 U	23 U	0.86 U	0.4 U
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	3.9 U	0.56 U	22 U	0.85 U	0.39 U
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	4 U	0.57 U	23 U	0.86 U	0.4 U
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	4 U	0.57 U	23 U	0.86 U	0.4 U
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	3.8 U	4.7 J	22 U	22	0.38 U
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	3.8 U	0.55 U	22 U	0.83 U	0.38 U
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	4 U	0.57 U	23 U	0.87 U	0.4 U
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	4.1 U	0.59 U	24 U	0.89 U	0.41 U
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	4.1 U	0.58 U	23 U	0.89 U	0.41 U
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	4.1 U	0.59 U	24 U	0.89 U	0.41 U
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	4 U	0.57 U	23 U	0.87 U	0.4 U
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	3.9 U	0.56 U	22 U	0.85 U	0.39 U
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	3.9 U	0.55 U	22 U	0.84 U	0.39 U
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	4.1 U	0.59 U	24 U	0.89 U	0.41 U
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	4.1 U	0.59 U	24 U	0.9 U	0.41 U
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	3.9 U	0.56 U	23 U	0.86 U	0.39 U
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	4 U	0.58 U	23 U	0.88 U	0.4 U
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	4 U	0.57 U	23 U	0.87 U	0.4 U
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	7.9 U	8 J	45 U	64	10 J
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	40 U	110	230 U	1400	4 U
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	4.1 U	0.58 U	23 U	0.88 U	0.41 U
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	3.8 U	0.55 U	22 U	0.83 U	0.38 U
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	--	--	--	--	4.1 U	0.58 U	23 U	0.89 U	0.41 U
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	--	--	--	--	4.2 U	0.6 U	24 U	0.92 U	0.42 U
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	--	--	--	--	4.3 U	0.62 U	25 U	0.94 U	0.43 U
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	--	--	--	--	4.2 U	0.6 U	24 U	0.91 U	0.42 U
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1029-08	E-SB-1029	8	8	20131002	0.88 U	6.43515	6.0363	14 U	9.7	4.4 J	6.6 J	0.4 U	0.77 U	21 U	11 U	42 U	31 U
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	0.89 U	0.73 U	0.73 U	14 U	0.72 U	0.73 U	0.67 U	0.4 U	0.78 U	22 U	11 U	42 U	31 U
E-SB-1030-08	E-SB-1030	8	8	20131002	0.9 U	0.74 U	0.74 U	14 U	0.72 U	0.74 U	0.68 U	0.4 U	0.78 U	22 U	11 U	43 U	31 U
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	0.95 U	0.78 U	0.78 U	15 U	0.77 U	0.78 U	0.72 U	0.43 U	0.83 U	23 U	12 U	45 U	33 U
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	0.88 U	0.72 U	0.72 U	14 U	0.71 U	0.72 U	0.67 U	0.4 U	0.77 U	21 U	11 U	42 U	31 U
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	0.87 U	0.71 U	0.71 U	13 U	0.7 U	0.71 U	0.66 U	0.39 U	0.76 U	21 U	11 U	41 U	30 U
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	0.89 U	1.81865	1.0548	14 U	5.2 J	0.73 U	5.3 J	0.4 U	0.77 U	22 U	11 U	42 U	31 U
E-SB-1034-05	E-SB-1034	5	5	20131001	0.88 U	0.72 U	0.72 U	14 U	0.71 U	0.72 U	0.67 U	0.4 U	0.77 U	21 U	11 U	42 U	31 U
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	36	171.13	170.77	13 U	130	130	220	44	110	72 J	11 U	40 U	29 U
E-SB-1035-05	E-SB-1035	5	5	20131001	0.85 U	0.7 U	0.7 U	13 U	0.69 U	0.7 U	0.65 U	0.38 U	0.74 U	21 U	11 U	40 U	30 U
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	0.89 U	0.73 U	0.73 U	14 U	0.72 U	0.73 U	0.67 U	0.4 U	0.78 U	22 U	11 U	42 U	31 U
E-SB-1036-05	E-SB-1036	5	5	20131001	0.92 U	0.75 U	0.75 U	14 U	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	35 J	12 U	44 U	32 U
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	0.91 U	0.75 U	0.75 U	14 U	0.74 U	0.75 U	0.69 U	0.41 U	0.79 U	25 J	12 U	43 U	32 U
E-SB-1037-07	E-SB-1037	7	7	20131001	0.92 U	0.75 U	0.75 U	14 U	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	22 U	12 U	44 U	32 U
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	0.89 U	0.73 U	0.73 U	14 U	0.72 U	0.73 U	0.67 U	0.4 U	0.78 U	22 U	11 U	42 U	31 U
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	0.87 U	0.71 U	0.71 U	13 U	0.7 U	0.71 U	0.66 U	0.39 U	0.76 U	21 U	11 U	41 U	30 U
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	0.86 U	0.71 U	0.71 U	13 U	0.7 U	0.71 U	0.65 U	0.39 U	0.75 U	21 U	11 U	41 U	30 U
E-SB-1039-07	E-SB-1039	7	7	20131001	0.92 U	0.75 U	0.75 U	14 U	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	22 U	12 U	44 U	32 U
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	0.92 U	0.76 U	0.76 U	14 U	0.75 U	0.76 U	0.7 U	0.41 U	0.81 U	23 J	12 U	44 U	32 U
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	4.1 J	11.638	11.268	14 U	11	8.4	11	6.3 J	6.4 J	27 J	11 U	42 U	30 U
E-SB-1041-06	E-SB-1041	6	6	20131003	0.9 U	6.33885	5.9349	14 U	6 J	4.8 J	5.3 J	0.4 U	0.79 U	22 U	12 U	43 U	31 U
E-SB-1041-08	E-SB-1041	8	8	20131003	0.89 U	0.73 U	0.73 U	14 U	0.72 U	0.73 U	0.67 U	0.4 U	0.78 U	22 U	11 U	42 U	31 U
E-SB-1042-03	E-SB-1042	3	3	20131003	140	1155.92	1155.92	27 U	730	780	1200	510	310	43 U	23 U	84 U	98 J
E-SB-1042-05	E-SB-1042	5	5	20131003	2800	6549.9	6549.9	140 U	5300	4500	5900	2300	2500	220 U	110 U	420 U	1500
E-SB-1042-07	E-SB-1042	7	7	20131003	12	16.852	16.467	14 U	21	12	17	6.7 J	9.7	22 U	12 U	43 U	31 U
E-SB-1043-05	E-SB-1043	5	5	20131003	0.85 U	0.7 U	0.7 U	13 U	0.69 U	0.7 U	0.65 U	0.38 U	0.75 U	21 U	11 U	41 U	30 U
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	0.91 U	0.75 U	0.75 U	14 UJ	0.74 U	0.75 U	0.69 U	0.41 U	0.79 U	22 U	12 U	43 U	32 U
E-SB-113A-4-6	E-SB-113A	4	6	20130708	0.94 U	0.77 U	0.77 U	14 UJ	0.76 U	0.77 U	0.71 U	0.42 U	0.82 U	23 U	12 U	45 U	33 U
E-SB-114A-3-4	E-SB-114A	3	4	20130708	0.96 U	0.79 U	0.79 U	15 UJ	0.78 U	0.79 U	0.73 U	0.43 U	0.84 U	23 U	12 U	46 U	33 U
E-SB-114A-4-6	E-SB-114A	4	6	20130708	0.93 U	0.76 U	0.76 U	14 UJ	0.75 U	0.76 U	0.7 U	0.42 U	0.81 U	23 U	12 U	44 U	32 U
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE	DIBENZOFURAN	DI-N-BUTYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1029-08	E-SB-1029	8	8	20131002	6.3 J	0.75 U	0.75 U	110 B	0.62 U	0.6 U	0.4 U	0.93 U	0.83 U	8.3 U	3.8 J	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	1.3 U	0.75 U	0.75 U	29 B	0.63 U	0.6 U	0.4 U	0.94 U	0.83 U	8.3 U	0.5 U	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	1.3 U	0.76 U	0.76 U	80 B	0.63 U	0.61 U	0.4 U	0.94 U	0.84 U	8.4 U	0.51 U	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	1.3 U	0.8 U	0.8 U	51 B	0.67 U	0.65 U	0.43 U	1 U	0.89 U	8.9 U	0.54 U	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	1.2 U	0.75 U	0.75 U	31 B	0.62 U	0.6 U	0.4 U	0.93 U	0.82 U	8.2 U	0.5 U	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	1.2 U	0.73 U	0.73 U	42 B	0.61 U	0.59 U	0.39 U	0.91 U	0.81 U	8.1 U	0.49 U	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	4.8 J	0.75 U	0.75 U	75 JB	10	0.6 U	0.4 U	0.93 U	9.2	8.3 U	8.2	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	1.2 U	0.75 U	0.75 U	99 B	0.62 U	0.6 U	0.4 U	0.93 U	0.82 U	8.2 U	0.5 U	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	170	0.72 U	9.8 J	100 B	290	15	45	11	160	11 J	240	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	1.2 U	0.72 U	0.72 U	36 JB	0.6 U	0.58 U	0.38 U	0.9 U	0.8 U	8 U	0.48 U	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	1.3 U	0.75 U	0.75 U	56 JB	0.63 U	0.6 U	0.4 U	0.94 U	0.83 U	8.3 U	0.5 U	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	1.3 U	0.78 U	0.78 U	70 JB	0.65 U	0.62 U	0.41 U	0.96 U	0.86 U	8.6 U	0.52 U	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	1.3 U	0.77 U	0.77 U	65 JB	0.64 U	0.62 U	0.41 U	0.96 U	0.85 U	8.5 U	0.51 U	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	1.3 U	0.78 U	0.78 U	34 JB	0.65 U	0.62 U	0.41 U	0.96 U	0.86 U	8.6 U	0.52 U	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	1.3 U	0.75 U	0.75 U	33 JB	0.63 U	0.61 U	0.4 U	3.8 J	0.83 U	8.3 U	0.5 U	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	1.2 U	0.74 U	0.74 U	69 JB	0.61 U	0.59 U	0.39 U	0.92 U	0.82 U	8.2 U	0.49 U	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	1.2 U	0.73 U	0.73 U	58 JB	0.61 U	0.58 U	0.39 U	0.9 U	0.81 U	8.1 U	0.49 U	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	1.3 U	0.78 U	0.78 U	65 JB	0.65 U	0.62 U	0.41 U	0.97 U	0.86 U	8.6 U	0.52 U	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	1.3 U	0.78 U	0.78 U	64 B	0.65 U	0.63 U	0.41 U	0.97 U	0.87 U	8.7 U	0.52 U	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	14	0.74 U	0.74 U	83 B	27	0.6 U	5.9 J	0.92 U	19	8.2 U	19	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	4.9 J	0.76 U	0.76 U	45 B	13	0.61 U	0.4 U	0.95 U	7.8	8.4 U	10	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	1.3 U	0.75 U	0.75 U	25 B	0.63 U	0.61 U	0.4 U	0.94 U	0.83 U	8.3 U	0.5 U	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	820	130	25 J	34 U	1500	54	490	14 J	630	16 U	1100	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	4900	680	670	170 U	12000	1300	2200	280	11000	84 U	9200	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	20	0.77 U	0.77 U	24 B	100	0.62 U	5.5 J	0.95 U	79	8.5 U	77	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	1.2 U	0.72 U	0.72 U	41 B	0.6 U	0.58 U	0.38 U	0.9 U	0.8 U	8 U	0.48 U	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	1.3 U	0.77 U	0.77 U	18 U	0.64 U	0.62 U	0.41 U	0.96 U	0.85 U	8.5 U	0.51 U	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	1.3 U	0.8 U	0.8 U	32 B	0.66 U	0.64 U	0.42 U	0.99 U	0.88 U	8.8 U	0.53 U	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	1.4 U	0.82 U	0.82 U	19 U	0.68 U	0.65 U	0.43 U	1 U	0.9 U	9 U	0.54 U	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	1.3 U	0.79 U	0.79 U	18 U	0.66 U	0.63 U	0.42 U	0.98 U	0.87 U	8.7 U	0.52 U	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TCLP METALS (MG/L)							TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)					
					ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	0.0071 J	0.15 J	0.00099 J	0.0026 J	0.031 J	0.00017 J	0.0041 U	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	0.0065 J	0.14 J	0.00066 U	0.0022 U	0.049 J	0.00017 J	0.0041 U	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	0.0032 U	0.056 J	0.00066 U	0.0022 U	0.03 J	0.00012 U	0.0041 U	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	0.0081 J	0.58 J	0.0048 J	0.0022 U	4.8	0.00013 J	0.0041 U	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	0.0072 J	0.3 J	0.0037 J	0.0022 U	0.06 J	0.00012 U	0.0041 U	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	0.0047 J	0.085 J	0.00066 U	0.0033 J	0.036 J	0.0077	0.0041 U	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS-	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			VOLATILES (UG/KG)										
					UNKNOWN [2.17]	UNKNOWN [3.57]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	530000	NA	NA	NA	NA	NA
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	34 U	15 U	16 U	8.7 U	0.15 U	6.3 U	4.3 U	7.5 U	8.7 U	4.2 U	6.9 U
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	34 U	15 U	16 U	8.8 U	0.15 U	6.4 U	4.4 U	7.6 U	8.8 U	4.2 U	7 U
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	29 U	13 U	14 U	7.5 U	0.13 U	5.5 U	3.8 U	6.5 U	7.5 U	3.6 U	6 U
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	34 U	15 U	16 U	8.8 U	0.15 U	6.4 U	4.4 U	7.6 U	8.8 U	4.2 U	7.1 U
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	35 U	15 U	16 U	8.9 U	0.15 U	6.5 U	4.5 U	7.7 U	8.9 U	4.3 U	7.1 U
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	1.1 U	0.31 U	0.45 U	0.33 U	0.15 U	0.23 U	0.56 U	0.31 U	0.29 U	0.3 U	0.57 U
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	1.1 U	0.3 U	0.44 U	0.32 U	0.14 U	0.23 U	0.54 U	0.3 U	0.28 U	0.29 U	0.55 U
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	33 U	14 U	15 U	8.5 U	0.14 U	6.2 U	4.3 U	7.3 U	8.5 U	4.1 U	6.8 U
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	32 U	14 U	15 U	8.1 U	0.14 U	5.9 U	4.1 U	7 U	8.1 U	3.9 U	6.5 U
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	32 U	14 U	15 U	8.1 U	0.14 U	5.9 U	4.1 U	7 U	8.1 U	3.9 U	6.5 U
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	37 U	16 U	17 U	9.5 U	0.16 U	6.9 U	4.7 U	8.2 U	9.5 U	4.6 U	7.6 U
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	1.2 U	0.33 U	0.48 U	0.35 U	0.16 U	0.25 U	0.6 U	0.33 U	0.31 U	0.32 U	0.61 U
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	1.4 U	0.37 U	0.54 U	0.4 U	0.18 U	0.28 U	0.68 U	0.37 U	0.35 U	0.36 U	0.69 U
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	1.3 U	0.35 U	0.51 U	0.37 U	0.17 U	0.27 U	0.64 U	0.35 U	0.33 U	0.34 U	0.65 U
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	32 U	14 U	15 U	8.3 U	0.14 U	6.1 U	4.2 U	7.2 U	8.3 U	4 U	6.7 U
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	35 U	15 U	16 U	9.1 U	0.15 U	6.6 U	4.5 U	7.8 U	9.1 U	4.4 U	7.3 U
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	39 U	17 U	18 U	10 U	0.17 U	7.3 U	5 U	8.6 U	10 U	4.8 U	8 U
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	34 U	15 U	16 U	8.8 U	0.15 U	6.4 U	4.4 U	7.6 U	8.8 U	4.2 U	7 U
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	35 U	15 U	16 U	9.1 U	0.15 U	6.6 U	4.5 U	7.8 U	9.1 U	4.4 U	7.3 U
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	33 U	14 U	15 U	8.4 U	0.14 U	6.2 U	4.2 U	7.3 U	8.4 U	4.1 U	6.8 U
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	1.1 U	0.3 U	0.44 U	0.32 U	0.14 U	0.23 U	0.55 U	0.3 U	0.29 U	0.29 U	0.55 U
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	1.1 U	0.3 U	0.43 U	0.32 U	0.14 U	0.23 U	0.54 U	0.3 U	0.28 U	0.29 U	0.55 U
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	1.1 U	0.29 U	0.42 U	0.31 U	0.14 U	0.22 U	0.53 U	0.29 U	0.27 U	0.28 U	0.53 U
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	1.2 U	0.33 U	0.47 U	0.34 U	0.15 U	0.24 U	0.59 U	0.33 U	0.31 U	0.32 U	0.6 U
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	39 U	17 U	18 U	10 U	0.17 U	7.4 U	5.1 U	8.7 U	10 U	4.9 U	8.1 U
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	32 U	14 U	15 U	8.2 U	0.14 U	6 U	4.1 U	7.1 U	8.2 U	4 U	6.6 U
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	33 U	14 U	15 U	8.5 U	0.14 U	6.2 U	4.3 U	7.3 U	8.5 U	4.1 U	6.8 U
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	30 U	13 U	14 U	7.7 U	0.13 U	5.6 U	3.9 U	6.6 U	7.7 U	3.7 U	6.2 U
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	49 U	21 U	22 U	12 U	0.21 U	9.1 U	6.2 U	11 U	12 U	6 U	10 U
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	33 U	14 U	15 U	8.5 U	0.14 U	6.2 U	4.2 U	7.3 U	8.5 U	4.1 U	6.8 U
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	1 U	0.28 U	0.41 U	0.3 U	0.13 U	0.21 U	0.51 U	0.28 U	0.27 U	0.28 U	0.62 J
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	1.2 U	0.34 U	0.5 U	0.36 U	0.16 U	0.26 U	0.62 U	0.34 U	0.33 U	0.34 U	0.63 U
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	34 U	15 U	15 U	8.6 U	580	6.3 U	2600	7.4 U	8.6 U	4.1 U	6.9 U
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	0.98 U	0.27 U	0.39 U	0.29 U	0.13 U	0.2 U	0.49 U	0.27 U	0.26 U	0.26 U	0.5 U
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	1.1 U	0.29 U	0.43 U	0.31 U	0.14 U	0.22 U	0.53 U	0.29 U	0.28 U	0.29 U	0.54 U
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	1.3 U	0.35 U	0.51 U	0.37 U	0.17 U	0.26 U	0.64 U	0.35 U	0.33 U	0.34 U	0.65 U
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	1.1 U	0.3 U	0.43 U	0.32 U	0.14 U	0.23 U	0.54 U	0.3 U	0.28 U	0.29 U	0.55 U
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	1.1 U	0.3 U	0.43 U	0.32 U	0.14 U	0.22 U	0.6 J	0.3 U	0.28 U	0.29 U	0.55 U
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	1.1 U	0.31 U	0.44 U	0.32 U	0.14 U	0.23 U	0.55 U	0.31 U	0.29 U	0.3 U	0.56 U
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	1.1 U	0.31 U	0.45 U	0.33 U	0.15 U	0.23 U	0.57 U	0.31 U	0.3 U	0.3 U	0.57 U
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	1.2 U	0.33 U	0.47 U	2.9 J	0.15 U	12	0.59 U	0.71 J	0.31 U	0.4 J	1.6 J
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	1.2 U	0.33 U	0.48 U	8.3 J	0.16 U	35	0.6 U	1.6 J	0.31 U	1.4 J	4 J
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	1.5 U	0.42 U	0.6 U	0.44 U	0.2 U	0.31 U	0.75 U	0.42 U	0.39 U	0.41 U	0.77 U
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	1.3 U	0.37 U	0.53 U	0.39 U	0.17 U	0.28 U	0.67 U	0.37 U	0.35 U	0.36 U	0.68 U
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	BENZENE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	DICHLORODIFLUORO METHANE	ETHYLBENZENE	HEXANE	ISOPROPYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1029-08	E-SB-1029	8	8	20131002	37 U	4.2 U	300 B	10 U	10 U	5.6 U	5.6 U	7.6 U	160 J	14 U	4.7 U	--	5.6 U
E-SB-1029-10	E-SB-1029	10	10	20131002	38 U	4.2 U	620 B	11 U	11 U	5.6 U	5.6 U	7.7 U	190 J	14 U	4.8 U	--	5.7 U
E-SB-1030-06	E-SB-1030	6	6	20131002	32 U	3.6 U	390 B	9 U	9 U	4.8 U	4.8 U	6.6 U	180 J	12 U	4.1 U	--	4.9 U
E-SB-1030-08	E-SB-1030	8	8	20131002	38 U	4.2 U	150 U	11 U	11 U	5.6 U	5.6 U	7.8 U	6.1 U	14 U	4.8 U	--	5.7 U
E-SB-1030-10	E-SB-1030	10	10	20131002	38 U	4.3 U	200 B	11 U	11 U	5.7 U	5.7 U	7.8 U	6.2 U	14 U	4.8 U	--	5.8 U
E-SB-1031-05	E-SB-1031	5	5	20131002	1.2 U	0.18 U	5.5 U	0.2 U	0.38 U	0.32 U	0.29 U	0.25 U	0.31 U	0.43 U	0.23 U	--	0.14 U
E-SB-1031-08	E-SB-1031	8	8	20131002	1.2 U	0.18 U	5.3 U	0.19 U	0.37 U	0.31 U	0.28 U	0.24 U	0.3 U	0.42 U	0.22 U	--	0.13 U
E-SB-1032-05	E-SB-1032	5	5	20131002	37 U	4.1 U	240 J	10 U	10 U	5.5 U	5.5 U	7.5 U	2900	14 U	4.6 U	--	5.5 U
E-SB-1032-08	E-SB-1032	8	8	20131002	35 U	3.9 U	140 U	9.8 U	9.8 U	5.2 U	5.2 U	7.2 U	2800	13 U	4.4 U	--	5.3 U
E-SB-1033-05	E-SB-1033	5	5	20131002	35 U	3.9 U	200 J	9.7 U	9.7 U	5.2 U	5.2 U	7.1 U	310	13 U	4.4 U	--	5.3 U
E-SB-1033-08	E-SB-1033	8	8	20131002	41 U	4.6 U	160 U	11 U	11 U	6.1 U	6.1 U	8.4 U	510	15 U	5.1 U	--	6.2 U
E-SB-1034-04	E-SB-1034	4	4	20131001	2.3 J	0.19 U	17 J	0.21 U	0.88 J	0.34 U	0.3 U	0.27 U	0.59 J	0.46 U	0.24 U	--	0.15 U
E-SB-1034-05	E-SB-1034	5	5	20131001	1.5 U	0.22 U	6.6 U	0.24 U	0.46 U	0.39 U	0.34 U	0.3 U	0.37 U	0.52 U	0.27 U	--	0.17 U
E-SB-1034-08	E-SB-1034	8	8	20131001	1.4 U	0.21 U	6.2 U	0.23 U	0.43 U	0.36 U	0.32 U	0.29 U	0.35 U	0.49 U	0.26 U	--	0.16 U
E-SB-1035-03	E-SB-1035	3	3	20131001	36 U	4 U	140 U	10 U	10 U	5.3 U	5.3 U	7.3 U	2500	13 U	4.5 U	--	5.4 U
E-SB-1035-05	E-SB-1035	5	5	20131001	39 U	4.4 U	150 U	11 U	11 U	5.8 U	5.8 U	8 U	110 J	15 U	4.9 U	--	5.9 U
E-SB-1035-08	E-SB-1035	8	8	20131001	43 U	4.8 U	170 U	12 U	12 U	6.4 U	6.4 U	9.8 J	1100	16 U	5.4 U	--	6.5 U
E-SB-1036-03	E-SB-1036	3	3	20131001	38 U	4.2 U	150 U	11 U	11 U	5.6 U	5.6 U	8 J	640	14 U	4.7 U	--	5.7 U
E-SB-1036-05	E-SB-1036	5	5	20131001	39 U	4.4 U	150 U	11 U	11 U	5.8 U	5.8 U	8 U	370	15 U	4.9 U	--	5.9 U
E-SB-1036-08	E-SB-1036	8	8	20131001	36 U	4.1 U	140 U	10 U	10 U	5.4 U	5.4 U	8.9 J	640	14 U	4.6 U	--	5.5 U
E-SB-1037-05	E-SB-1037	5	5	20131001	1.2 U	0.18 U	19	0.19 U	0.37 U	0.31 U	0.28 U	0.24 U	0.3 U	0.42 U	0.22 U	--	0.13 U
E-SB-1037-07	E-SB-1037	7	7	20131001	1.2 U	0.18 U	5.3 U	0.19 U	0.37 U	0.31 U	0.28 U	0.24 U	0.3 U	0.42 U	0.22 U	--	0.13 U
E-SB-1037-08	E-SB-1037	8	8	20131001	1.1 U	0.17 U	5.1 U	0.19 U	0.36 U	0.3 U	0.27 U	0.23 U	0.29 U	0.4 U	0.21 U	--	0.13 U
E-SB-1038-05	E-SB-1038	5	5	20131001	1.3 U	0.19 U	5.7 U	0.21 U	0.4 U	0.34 U	0.3 U	0.26 U	96	0.45 U	0.24 U	--	0.15 U
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	44 U	4.9 U	170 U	12 U	12 U	6.5 U	6.5 U	8.9 U	63 J	16 U	5.5 U	--	6.6 U
E-SB-1038-07	E-SB-1038	7	7	20131001	35 U	4 U	140 U	9.9 U	9.9 U	5.3 U	5.3 U	8.3 J	330	13 U	4.4 U	--	5.3 U
E-SB-1038-08	E-SB-1038	8	8	20131001	37 U	4.1 U	140 U	10 U	10 U	5.4 U	5.4 U	7.5 U	370	14 U	4.6 U	--	5.5 U
E-SB-1039-05	E-SB-1039	5	5	20131001	33 U	3.7 U	130 U	9.2 U	9.2 U	4.9 U	4.9 U	6.8 U	240	12 U	4.2 U	--	5 U
E-SB-1039-07	E-SB-1039	7	7	20131001	54 U	6 U	210 U	15 U	15 U	8 U	8 U	12 J	1200	20 U	6.7 U	--	8.1 U
E-SB-1039-08	E-SB-1039	8	8	20131001	36 U	4.1 U	140 U	10 U	10 U	5.4 U	5.4 U	9.7 J	910	14 U	4.6 U	--	5.5 U
E-SB-1040-05	E-SB-1040	5	5	20131003	2.1 J	0.17 U	35 B	0.18 U	0.35 U	0.29 U	0.64 J	0.23 U	0.28 U	0.4 U	0.21 U	--	0.13 U
E-SB-1040-08	E-SB-1040	8	8	20131003	8.7 J	0.2 U	53	0.22 U	0.74 J	0.35 U	0.32 U	0.28 U	0.34 U	0.48 U	0.25 U	--	0.15 U
E-SB-1041-04	E-SB-1041	4	4	20131003	37 U	77 J	150 U	10 U	10 U	5.5 U	5.5 U	7.6 U	5.9 U	14 U	630	--	140 J
E-SB-1041-06	E-SB-1041	6	6	20131003	1.1 U	0.16 U	11 B	0.17 U	0.33 U	0.28 U	0.25 U	0.22 U	0.27 U	0.38 U	0.2 U	--	0.12 U
E-SB-1041-08	E-SB-1041	8	8	20131003	1.1 U	0.17 U	25 B	0.19 U	0.36 U	0.3 U	0.27 U	0.24 U	0.29 U	0.41 U	0.21 U	--	0.13 U
E-SB-1042-03	E-SB-1042	3	3	20131003	1.4 U	0.21 U	6.2 U	0.23 U	0.43 U	0.36 U	0.32 U	0.28 U	0.35 U	0.49 U	0.25 U	--	0.16 U
E-SB-1042-05	E-SB-1042	5	5	20131003	2.2 J	0.18 U	41	0.19 U	0.37 U	0.31 U	0.28 U	0.24 U	0.3 U	0.42 U	0.22 U	--	0.13 U
E-SB-1042-07	E-SB-1042	7	7	20131003	2.7 J	0.17 U	24 B	0.19 U	0.37 U	0.31 U	0.27 U	0.24 U	1.7 J	0.42 U	0.22 U	--	0.13 U
E-SB-1043-05	E-SB-1043	5	5	20131003	1.2 U	0.18 U	5.4 U	0.2 U	0.37 U	0.32 U	0.28 U	0.25 U	0.31 U	0.43 U	0.22 U	--	0.14 U
E-SB-1043-08	E-SB-1043	8	8	20131003	2.5 J	0.18 U	13 B	0.2 U	0.38 U	0.32 U	0.5 J	0.25 U	0.31 U	0.43 U	0.23 U	--	0.14 U
E-SB-113A-3-4	E-SB-113A	3	4	20130708	1.3 U	0.19 U	19 B	0.21 U	0.4 U	0.34 U	0.62 J	0.26 U	0.82 J	0.46 U	0.24 U	--	0.15 U
E-SB-113A-4-6	E-SB-113A	4	6	20130708	1.3 U	0.19 U	26 B	0.21 U	0.4 U	0.34 U	2 J	0.27 U	1 J	0.46 U	0.24 U	--	0.15 U
E-SB-114A-3-4	E-SB-114A	3	4	20130708	1.6 U	0.24 U	18 B	0.27 U	0.51 U	0.43 U	0.38 U	0.34 U	0.42 U	0.58 U	0.3 U	--	0.19 U
E-SB-114A-4-6	E-SB-114A	4	6	20130708	1.4 U	0.22 U	20 B	0.24 U	0.45 U	0.38 U	0.34 U	0.3 U	0.37 U	0.51 U	0.27 U	--	0.16 U
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1029-08	E-SB-1029	8	8	20131002	5.4 U	--	67 U	14 J	6.9 U	12 U	7.4 U	4.1 U	4.9 U	5.6 U	210 U	10 U	15 U
E-SB-1029-10	E-SB-1029	10	10	20131002	5.5 U	--	85 J	5.9 U	7 U	12 U	7.5 U	4.1 U	4.9 U	5.7 U	210 U	11 U	15 U
E-SB-1030-06	E-SB-1030	6	6	20131002	4.7 U	--	58 U	6.6 J	6 U	11 U	6.4 U	3.5 U	4.2 U	4.9 U	180 U	9 U	13 U
E-SB-1030-08	E-SB-1030	8	8	20131002	5.5 U	--	68 U	5.9 U	7.1 U	12 U	7.5 U	4.1 U	4.9 U	5.7 U	210 U	11 U	15 U
E-SB-1030-10	E-SB-1030	10	10	20131002	5.5 U	--	110 J	6 U	7.1 U	12 U	7.6 U	4.2 U	5 U	5.8 U	210 U	11 U	15 U
E-SB-1031-05	E-SB-1031	5	5	20131002	1 U	--	0.58 U	0.16 U	0.2 U	0.35 U	0.3 U	0.16 U	0.13 U	0.25 U	6.6 U	0.45 U	0.23 U
E-SB-1031-08	E-SB-1031	8	8	20131002	1 U	--	0.56 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.13 U	0.24 U	6.4 U	0.44 U	0.23 U
E-SB-1032-05	E-SB-1032	5	5	20131002	5.3 U	--	66 U	6.7 B	6.8 U	12 U	7.2 U	4 U	4.8 U	5.5 U	200 U	10 U	14 U
E-SB-1032-08	E-SB-1032	8	8	20131002	5 U	--	63 U	5.5 U	6.5 U	11 U	6.9 U	3.8 U	4.6 U	5.3 U	200 U	9.8 U	14 U
E-SB-1033-05	E-SB-1033	5	5	20131002	5 U	--	62 U	5.4 U	6.5 U	11 U	6.9 U	3.8 U	4.5 U	5.3 U	190 U	9.7 U	14 U
E-SB-1033-08	E-SB-1033	8	8	20131002	5.9 U	--	73 U	6.4 U	7.6 U	13 U	8.1 U	4.5 U	5.3 U	6.2 U	230 U	11 U	16 U
E-SB-1034-04	E-SB-1034	4	4	20131001	1.1 U	--	0.61 U	0.32 JB	0.21 U	0.37 U	0.32 U	0.17 U	0.14 U	0.27 U	7 U	0.48 U	0.25 U
E-SB-1034-05	E-SB-1034	5	5	20131001	1.2 U	--	0.7 U	0.2 U	0.24 U	0.42 U	0.36 U	0.19 U	0.16 U	0.3 U	7.9 U	0.54 U	0.28 U
E-SB-1034-08	E-SB-1034	8	8	20131001	1.2 U	--	0.66 U	0.19 U	0.23 U	0.39 U	0.34 U	0.18 U	0.15 U	0.29 U	7.5 U	0.51 U	0.27 U
E-SB-1035-03	E-SB-1035	3	3	20131001	5.2 U	--	64 U	5.6 U	6.7 U	12 U	7.1 U	3.9 U	4.7 U	5.4 U	200 U	10 U	14 U
E-SB-1035-05	E-SB-1035	5	5	20131001	5.6 U	--	70 U	6.1 U	7.3 U	13 U	7.7 U	4.3 U	5.1 U	5.9 U	220 U	11 U	15 U
E-SB-1035-08	E-SB-1035	8	8	20131001	6.2 U	--	84 J	6.7 U	8 U	14 U	8.5 U	4.7 U	5.6 U	6.5 U	240 U	13 J	17 U
E-SB-1036-03	E-SB-1036	3	3	20131001	5.4 U	--	120 JB	5.9 U	7 U	12 U	7.5 U	4.1 U	4.9 U	5.7 U	210 U	11 U	15 U
E-SB-1036-05	E-SB-1036	5	5	20131001	5.6 U	--	70 U	6.1 U	7.3 U	13 U	7.7 U	4.3 U	5.1 U	5.9 U	220 U	11 U	15 U
E-SB-1036-08	E-SB-1036	8	8	20131001	5.2 U	--	65 U	5.7 U	6.8 U	12 U	7.2 U	4 U	4.7 U	5.5 U	200 U	10 U	14 U
E-SB-1037-05	E-SB-1037	5	5	20131001	1 U	--	0.56 U	0.16 U	0.19 U	0.34 U	0.29 U	0.15 U	0.13 U	0.24 U	6.4 U	0.44 U	0.23 U
E-SB-1037-07	E-SB-1037	7	7	20131001	1 U	--	0.56 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.13 U	0.24 U	6.4 U	0.43 U	0.23 U
E-SB-1037-08	E-SB-1037	8	8	20131001	0.97 U	--	0.54 U	0.15 U	0.19 U	0.32 U	0.28 U	0.15 U	0.12 U	0.23 U	6.1 U	0.42 U	0.22 U
E-SB-1038-05	E-SB-1038	5	5	20131001	1.1 U	--	0.61 U	0.17 U	0.21 U	0.36 U	0.32 U	0.16 U	0.14 U	0.26 U	6.9 U	0.47 U	0.24 U
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	6.3 U	--	78 U	8.1 JB	8.1 U	14 U	8.6 U	4.8 U	5.7 U	6.6 U	240 U	12 U	17 U
E-SB-1038-07	E-SB-1038	7	7	20131001	5.1 U	--	76 J	5.5 U	6.6 U	12 U	7 U	3.9 U	4.6 U	5.3 U	200 U	9.9 U	14 U
E-SB-1038-08	E-SB-1038	8	8	20131001	5.3 U	--	66 U	5.7 U	6.8 U	12 U	7.2 U	4 U	4.8 U	5.5 U	200 U	10 U	14 U
E-SB-1039-05	E-SB-1039	5	5	20131001	4.8 U	--	84 J	5.2 U	6.2 U	11 U	6.5 U	3.6 U	4.3 U	5 U	180 U	9.2 U	13 U
E-SB-1039-07	E-SB-1039	7	7	20131001	7.7 U	--	96 U	8.4 U	10 U	17 U	11 U	5.9 U	7 U	8.1 U	300 U	15 U	21 U
E-SB-1039-08	E-SB-1039	8	8	20131001	5.3 U	--	65 U	5.7 U	6.8 U	12 U	7.2 U	4 U	4.8 U	5.5 U	200 U	10 U	14 U
E-SB-1040-05	E-SB-1040	5	5	20131003	0.95 U	--	0.53 U	0.15 U	0.18 U	0.32 U	0.28 U	0.14 U	0.12 U	0.23 U	6 U	0.41 U	0.21 U
E-SB-1040-08	E-SB-1040	8	8	20131003	1.1 U	--	0.88 B	0.18 U	5.4	0.38 U	0.34 U	2.8 J	0.14 U	0.28 U	7.3 U	0.5 U	0.26 U
E-SB-1041-04	E-SB-1041	4	4	20131003	2800	--	110 B	170 B	210	360	1100	63 J	4.8 U	5.6 U	210 U	10 U	650
E-SB-1041-06	E-SB-1041	6	6	20131003	0.9 U	--	0.51 U	0.14 U	0.17 U	0.3 U	0.26 U	0.14 U	0.11 U	0.22 U	5.7 U	0.39 U	0.2 U
E-SB-1041-08	E-SB-1041	8	8	20131003	0.98 U	--	0.55 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.12 U	0.24 U	6.2 U	0.43 U	0.22 U
E-SB-1042-03	E-SB-1042	3	3	20131003	1.2 U	--	0.66 U	0.19 U	1.1 J	0.39 U	0.34 U	0.18 U	0.15 U	0.28 U	7.4 U	0.51 U	0.26 U
E-SB-1042-05	E-SB-1042	5	5	20131003	1 U	--	0.56 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.13 U	0.24 U	6.3 U	0.43 U	0.23 U
E-SB-1042-07	E-SB-1042	7	7	20131003	1 U	--	0.56 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.72 J	0.24 U	6.3 U	0.43 U	0.22 U
E-SB-1043-05	E-SB-1043	5	5	20131003	1 U	--	0.57 U	0.16 U	0.2 U	0.34 U	0.3 U	0.15 U	0.13 U	0.25 U	6.5 U	0.44 U	0.23 U
E-SB-1043-08	E-SB-1043	8	8	20131003	1 U	--	0.58 U	0.17 U	0.2 U	0.35 U	0.3 U	0.16 U	0.73 J	0.25 U	6.6 U	0.45 U	0.23 U
E-SB-113A-3-4	E-SB-113A	3	4	20130708	1.1 U	--	1.1 B	0.18 J	0.21 U	0.36 U	0.32 U	0.16 U	0.14 U	0.26 U	6.9 UR	2.2 J	0.25 U
E-SB-113A-4-6	E-SB-113A	4	6	20130708	1.1 U	--	3 B	0.4 J	0.21 U	0.37 U	0.32 U	0.16 U	0.14 U	0.27 U	7 UR	3.8 J	0.25 U
E-SB-114A-3-4	E-SB-114A	3	4	20130708	1.4 U	--	5.5 B	0.22 U	0.27 U	0.46 U	0.41 U	0.21 U	0.17 U	0.34 U	8.8 UR	0.6 U	0.31 U
E-SB-114A-4-6	E-SB-114A	4	6	20130708	1.2 U	--	1.6 B	0.2 U	0.24 U	0.41 U	0.36 U	0.18 U	0.15 U	0.3 U	7.8 UR	0.53 U	0.28 U
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUORO-METHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	3900	NA	NA	
E-SB-1029-08	E-SB-1029	8	8	20131002	5.4 U	--	8 U	800	14 U	16 U	NORMAL
E-SB-1029-10	E-SB-1029	10	10	20131002	5.5 U	--	8.1 U	4800	14 U	17 J	NORMAL
E-SB-1030-06	E-SB-1030	6	6	20131002	4.7 U	--	6.9 U	5000	12 U	14 U	NORMAL
E-SB-1030-08	E-SB-1030	8	8	20131002	5.5 U	--	8.1 U	630	14 U	16 U	NORMAL
E-SB-1030-10	E-SB-1030	10	10	20131002	5.5 U	--	8.2 U	1400	14 U	16 U	NORMAL
E-SB-1031-05	E-SB-1031	5	5	20131002	0.3 U	--	0.36 U	0.36 U	0.29 U	0.34 U	NORMAL
E-SB-1031-08	E-SB-1031	8	8	20131002	0.29 U	--	0.34 U	0.35 U	0.28 U	0.33 U	NORMAL
E-SB-1032-05	E-SB-1032	5	5	20131002	5.3 U	--	7.8 U	2900	14 U	15 U	NORMAL
E-SB-1032-08	E-SB-1032	8	8	20131002	5 U	--	7.5 U	1700	13 U	95 J	NORMAL
E-SB-1033-05	E-SB-1033	5	5	20131002	5 U	--	7.5 U	660	13 U	15 U	NORMAL
E-SB-1033-08	E-SB-1033	8	8	20131002	5.9 U	--	8.7 U	770	15 U	17 U	NORMAL
E-SB-1034-04	E-SB-1034	4	4	20131001	0.32 U	--	0.38 U	9.1	0.31 U	0.36 U	NORMAL
E-SB-1034-05	E-SB-1034	5	5	20131001	0.36 U	--	0.43 U	0.44 U	0.35 U	0.41 U	NORMAL
E-SB-1034-08	E-SB-1034	8	8	20131001	0.34 U	--	0.4 U	0.41 U	0.33 U	0.38 U	NORMAL
E-SB-1035-03	E-SB-1035	3	3	20131001	5.2 U	--	19 J	230	13 U	15 U	NORMAL
E-SB-1035-05	E-SB-1035	5	5	20131001	5.6 U	--	8.4 U	670	15 U	16 U	NORMAL
E-SB-1035-08	E-SB-1035	8	8	20131001	6.2 U	--	10 J	5700	16 U	18 U	NORMAL
E-SB-1036-03	E-SB-1036	3	3	20131001	5.4 U	--	8.1 U	1400	14 U	16 U	NORMAL
E-SB-1036-05	E-SB-1036	5	5	20131001	5.6 U	--	8.4 U	850	15 U	16 U	NORMAL
E-SB-1036-08	E-SB-1036	8	8	20131001	5.2 U	--	7.8 U	4400	14 U	15 U	NORMAL
E-SB-1037-05	E-SB-1037	5	5	20131001	0.29 U	--	0.34 U	1.3 J	0.29 U	0.33 U	NORMAL
E-SB-1037-07	E-SB-1037	7	7	20131001	0.29 U	--	0.34 U	0.95 J	0.28 U	0.33 U	NORMAL
E-SB-1037-08	E-SB-1037	8	8	20131001	0.28 U	--	0.33 U	0.34 U	0.27 U	0.32 U	NORMAL
E-SB-1038-05	E-SB-1038	5	5	20131001	0.32 U	--	0.5 J	270 E	0.31 U	0.35 U	NORMAL
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	6.3 U	--	9.3 U	170 J	16 U	18 U	NORMAL
E-SB-1038-07	E-SB-1038	7	7	20131001	5.1 U	--	8 J	1500	13 U	15 U	NORMAL
E-SB-1038-08	E-SB-1038	8	8	20131001	5.3 U	--	7.8 U	4700	14 U	15 U	NORMAL
E-SB-1039-05	E-SB-1039	5	5	20131001	4.8 U	--	12 J	1100	12 U	14 U	NORMAL
E-SB-1039-07	E-SB-1039	7	7	20131001	7.7 U	--	32 J	6000	20 U	22 U	NORMAL
E-SB-1039-08	E-SB-1039	8	8	20131001	5.3 U	--	24 J	6100	14 U	15 U	NORMAL
E-SB-1040-05	E-SB-1040	5	5	20131003	0.28 U	--	0.32 U	0.33 U	0.27 U	0.31 U	NORMAL
E-SB-1040-08	E-SB-1040	8	8	20131003	0.34 U	--	0.39 U	0.4 U	0.33 U	0.37 U	NORMAL
E-SB-1041-04	E-SB-1041	4	4	20131003	3900	--	7.9 U	260	14 U	15 U	NORMAL
E-SB-1041-06	E-SB-1041	6	6	20131003	0.26 U	--	0.31 U	0.32 U	0.26 U	0.29 U	NORMAL
E-SB-1041-08	E-SB-1041	8	8	20131003	0.29 U	--	0.34 U	0.34 U	0.28 U	0.32 U	NORMAL
E-SB-1042-03	E-SB-1042	3	3	20131003	0.34 U	--	0.4 U	6	0.33 U	0.38 U	NORMAL
E-SB-1042-05	E-SB-1042	5	5	20131003	0.29 U	--	0.34 U	0.35 U	0.28 U	0.33 U	NORMAL
E-SB-1042-07	E-SB-1042	7	7	20131003	0.29 U	--	0.34 U	0.43 J	0.28 U	2.7 J	NORMAL
E-SB-1043-05	E-SB-1043	5	5	20131003	0.3 U	--	0.35 U	0.36 U	0.29 U	0.33 U	NORMAL
E-SB-1043-08	E-SB-1043	8	8	20131003	0.3 U	--	0.36 U	0.37 U	0.3 U	0.34 U	NORMAL
E-SB-113A-3-4	E-SB-113A	3	4	20130708	0.61 U	--	0.37 U	1.6 J	63	0.36 U	NORMAL
E-SB-113A-4-6	E-SB-113A	4	6	20130708	0.61 U	--	0.38 U	2.6 J	90	0.36 U	NORMAL
E-SB-114A-3-4	E-SB-114A	3	4	20130708	0.78 U	--	0.48 U	0.49 U	0.39 U	0.45 U	NORMAL
E-SB-114A-4-6	E-SB-114A	4	6	20130708	0.69 U	--	0.42 U	0.43 U	0.35 U	0.4 U	NORMAL
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	NORMAL
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	NORMAL
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	NORMAL
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	NORMAL
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	NORMAL
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	NORMAL
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	NORMAL
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	NORMAL
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	NORMAL
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	NORMAL
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	NORMAL
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	NORMAL
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	NORMAL
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	NORMAL
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	NORMAL
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	NORMAL
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	NORMAL
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	NORMAL

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A) ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A) ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	METALS (MG/KG)												
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PARAMETERS (%)
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)		MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)						PCBS (UG/KG)		
					FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254
					MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	F	MG/KG	MG/KG	S.U.	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	5.8 U	5.6 U	5.9 U
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	5.5 U	5.3 U	5.6 U
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	5.6 U	5.4 U	5.7 U
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	5.5 U	5.4 U	5.7 U
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	5.7 U	5.5 U	5.8 U
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	5.7 U	5.5 U	5.8 U
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	1100	4000	91 J	6900	3200	220	8.3 U	14 U	25000
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	5.3 U	5.1 U	5.4 U
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	5.8 U	5.7 U	6 U
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	5.8 U	5.6 U	5.9 U
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	5.5 U	5.3 U	5.6 U
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	6.4 U	6.2 U	6.6 U
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	11 J	100	1.7 U	310	60	5.7 J	8.1 U	13 U	1200
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	25 U	25 U	530
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	4000 J	2700 U	80000
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	360 J	260 U	8100
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	5.4 U	5.2 U	63
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	5.2 U	5 U	370
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	11 U	11 U	670
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	11 U	10 U	620
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	26 U	25 U	1100
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	5.2 U	5 U	33 J
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	110 U	110 U	5400
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	5.8 U	5.6 U	81
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	5.7 U	5.5 U	33 J
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	5.1 U	5 U	5.3 U
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	5.5 U	5.3 U	150
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	10000 U	10000 U	450000
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	110 U	110 U	6200
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	54 U	52 U	4600
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	110 J	600 J	8.7 J	1200 J	200 J	23 J	8.6 U	14 U	3800
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	52 U	50 U	4100
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	50 U	48 U	3000
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	29 U	28 U	1500
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	5.4 U	5.2 U	100
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	11 U	11 U	390
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	5.5 U	5.3 U	50
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	5.4 U	5.2 U	5.5 U
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	5.2 J	23	1.7 U	49	21	0.81 J	7.9 U	13 U	120
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	5 U	4.9 U	350
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	26 U	25 U	1400
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	5.2 U	5.1 U	230 J
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	5.5 U	5.3 U	13 J
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	5.3 U	5.1 U	59
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	100 U	96 U	4300
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	5.6 U	5.5 U	260
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	5.5 U	5.3 U	190
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	1.7 U	6 J	1.8 U	21 J	1.3 U	0.59 U	8.6 U	14 U	61
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	110 U	100 U	110 U
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	27 U	26 U	27 U
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	5.3 U	5.1 U	15 J
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	5.1 U	5 U	5.3 U
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	5.6 U	5.4 U	5.7 U
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	5.3 U	5.1 U	7.6 J
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	5.1 U	5 U	5.3 U
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	5.3 U	5.1 U	6.2 J
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	5.1 U	4.9 U	5.2 U
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	5.8 U	5.6 U	5.9 U
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	100 U	97 U	8100
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	5.1 U	5 U	26 J
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	4.9 U	4.7 U	7.5 J
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	5.4 U	5.2 U	5.5 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE				PESTICIDES (UG/KG)			PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS	
					AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDE	ENDOSULFAN SULFATE	ENDRIN ALDEHYDE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1373-2-3	E-SB-1373	2	3	20140730	150	150	168.5	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	4.8 U	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	4.8 U	0 U	20.3	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	4.8 U	0 U	20.15	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	5.9 J	5.9	24.15	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	4.9 U	0 U	20.6	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	6300	31300	31337	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	15 J	15	31.95	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	29 J	29	47.7	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	18 J	18	36.5	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	4.8 U	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	5.5 U	0 U	23.4	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	150	1350	1385.75	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	22 U	530	609.5	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	2400 U	84000	91350	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	230 U	8460	9165	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	4.7 U	63	79.85	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	4.5 U	370	386.15	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	9.4 U	670	704.1	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	9.3 U	620	653.5	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	22 U	1100	1180.5	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	4.5 U	33	49.2	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	95 U	5400	5743	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	5 U	81	99.05	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	4.9 U	33	50.7	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	4.5 U	0 U	18.7	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	4.8 U	150	167.15	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	8900 U	450000	481850	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	95 U	6200	6542.5	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	47 U	4600	4769	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	690	4490	4528.3	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	45 U	4100	4262	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	43 U	3000	3155	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	25 U	1500	1589.5	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	4.7 U	100	116.8	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	9.6 U	390	424.85	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	4.7 U	50	67.1	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	4.6 U	0 U	19.5	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	53	173	208.05	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	4.3 U	350	365.65	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	23 U	1400	1481.5	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	4.5 U	230	246.3	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	4.8 U	13	30.15	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	4.6 U	59	75.45	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	86 U	4300	4612	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	4.9 U	260	277.55	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	4.8 U	190	207.25	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	17 U	61	107.8	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	5100	5100	5443	--	--	--	--	--	--	--	--	--	--
E-SB-1382-4-5	E-SB-1382	4	5	20140730	590	590	675.5	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	4.6 U	15	31.5	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	4.4 U	0 U	18.65	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	4.8 U	0 U	20.2	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	4.5 U	7.6	24	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	75	75	91.45	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	4.6 U	6.2	22.65	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	4.4 U	0 U	18.55	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	6.7 J	6.7	25.2	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	87 U	8100	8413.5	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	4.4 U	26	42	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	4.2 U	7.5	22.75	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	4.6 U	0 U	19.5	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	(UG/KG) ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	10000	10000	10000	NA	NA	NA	NA	NA	NA	NA
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)				
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE		RADIONUCLIDES (PCI/G)												
					URANIUM-238	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIOCHEMISTRY BY ALPHA	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									SEMIVOLATILES (UG/KG)				
					THORIUM-232	THORIUM-234	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	2-METHYLNAPHTHALENE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE	DIBENZOFURAN	DI-N-BUTYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TCLP METALS (MG/L)							TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)					
					ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS-	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			VOLATILES (UG/KG)											
					UNKNOWN [2.17]	UNKNOWN [3.57]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	530000	NA	NA	NA	NA	NA
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	BENZENE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	DICHLORODIFLUORO METHANE	ETHYLBENZENE	HEXANE	ISOPROPYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUORO-METHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	3900	NA	NA	
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	NORMAL
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	NORMAL
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	NORMAL
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	NORMAL
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	NORMAL
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	NORMAL
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	NORMAL
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	NORMAL
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	NORMAL
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	NORMAL
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	NORMAL
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	NORMAL
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	NORMAL
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	NORMAL
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	NORMAL
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	NORMAL
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	NORMAL
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	NORMAL
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	NORMAL
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	NORMAL
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	NORMAL
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	NORMAL
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	NORMAL
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	NORMAL
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	NORMAL
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	NORMAL
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	NORMAL
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	NORMAL
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	NORMAL
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	NORMAL
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	NORMAL
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	NORMAL
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	NORMAL
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	NORMAL
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	NORMAL
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	NORMAL
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	NORMAL
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	NORMAL
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	NORMAL
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	NORMAL
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	NORMAL
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	NORMAL
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	NORMAL
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	NORMAL
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	NORMAL
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	NORMAL
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	NORMAL
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	NORMAL
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	NORMAL
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	NORMAL
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	NORMAL
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	NORMAL
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	NORMAL
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	NORMAL
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	NORMAL
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	NORMAL
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	NORMAL
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	NORMAL
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	NORMAL
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	NORMAL
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	NORMAL
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	NORMAL

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A) ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A) ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	METALS (MG/KG)												
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	1.3 U	4.2	26 J	1	0.11 J	33	5.5	22	--	16	--	0.16 J	0.49 U
E-SB-1387-3	E-SB-1387	3	3	20140731	0.34 U	2.9	55	0.83	0.78	15	13	16	--	24	--	0.049 J	0.36 U
E-SB-1388-4	E-SB-1388	4	4	20140801	2.1 UJ	5.1 J	19 J	1.6 J	0.2 U	24	18	22 J	--	4.9 J	--	0.019 U	1.5 U
E-SB-1389-3	E-SB-1389	3	3	20140731	0.34 U	3.3	54	0.68	0.49	18	9.1	17	--	32	--	0.2	0.5 U
E-SB-1390-6	E-SB-1390	6	6	20140801	0.34 UJ	4 J	22	0.97	0.031 U	14	12	12 J	--	7.3	--	0.029 J	0.34 U
E-SB-1391-5	E-SB-1391	5	5	20140801	0.34 UJ	2.6 J	17 J	1	0.032 U	12	4.2	13 J	--	9.3	--	0.018 U	0.32 U
E-SB-1392-7	E-SB-1392	7	7	20140801	0.82 UJ	14 J	15 J	1 J	0.076 U	4	8	2.5 J	--	6	--	0.054 J	0.57 U
E-SB-1393-7	E-SB-1393	7	7	20140801	0.33 UJ	2.3 J	23	0.65	0.053 J	11	7.7	11 J	--	9.5	--	0.18	0.29 U
E-SB-1398-2-4	E-SB-1398	2	4	20141113	0.54 U	5.7	42	0.59	13	22	13	67 B	--	160	--	0.11 J	1.6 J
E-SB-1398-4-8	E-SB-1398	4	8	20141113	0.41 U	2.4	23	0.42 J	0.02 J	8.2	3.4	4.4 B	--	4.1	--	0.017 U	0.3 J
E-SB-1399-2-4	E-SB-1399	2	4	20141113	0.43 J	2.5	46	0.61	0.93	15	5.1	15 B	--	23	--	0.06 J	0.29 J
E-SB-1399-4-8	E-SB-1399	4	8	20141113	0.48 U	2.1	66	1.2	0.78	13	4	9.7 B	--	25	--	0.041 J	0.37 J
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PARAMETERS (%)
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	18	0.63 U	0.18 J	0.77 U	--	--	--	--	--	--	49	37	--
E-SB-1387-3	E-SB-1387	3	3	20140731	18	0.4 J	0.14 J	0.48 U	--	--	--	--	--	--	27	130	--
E-SB-1388-4	E-SB-1388	4	4	20140801	39	2.5 UJ	0.55 J	0.6 U	--	--	--	--	--	--	44 J	46	--
E-SB-1389-3	E-SB-1389	3	3	20140731	13	0.46 J	0.2 J	0.48 U	--	--	--	--	--	--	26	150	--
E-SB-1390-6	E-SB-1390	6	6	20140801	14	0.41 J	0.12 J	0.48 U	--	--	--	--	--	--	22 J	42	--
E-SB-1391-5	E-SB-1391	5	5	20140801	9.9	0.4 UJ	0.088 U	0.48 U	--	--	--	--	--	--	19 J	29	--
E-SB-1392-7	E-SB-1392	7	7	20140801	13	0.95 UJ	0.21 U	0.58 U	--	--	--	--	--	--	8.1 J	44	--
E-SB-1393-7	E-SB-1393	7	7	20140801	8.6	0.39 UJ	0.12 J	0.47 U	--	--	--	--	--	--	18 J	39	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	25	0.38 U	0.22 J	0.15 U	--	--	--	--	--	--	19	160	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	5.6	0.29 U	0.054 U	0.11 U	--	--	--	--	--	--	13	15	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	8.9	0.29 U	0.054 U	0.11 U	--	--	--	--	--	--	20	57	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	7.5	0.34 U	0.062 U	0.13 U	--	--	--	--	--	--	25	43	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)		MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)						PCBS (UG/KG)		
					FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254
					MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	F	MG/KG	MG/KG	S.U.	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	5.4 U	5.3 U	5.6 U
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	1.7 U	1.1 U	1.8 U	1.2 U	1.3 U	0.58 U	8.6 U	14 U	17 U
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	5.5 U	5.3 U	14 J
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	5.3 U	5.1 U	12 J
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	5.2 U	5 U	8.6 J
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	5.3 U	5.1 U	9.1 J
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	7.4 U	7.2 U	7.6 U
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	4.8 U	4.6 U	4.9 U
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	5.3 U	5.1 U	5.4 U
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	25 U	24 U	25 U
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	5.7 U	5.5 U	5.8 U
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	5.4 U	5.2 U	5.5 U
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	5.3 U	5.2 U	5.5 U
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	5.2 U	5 U	5.3 U
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	--	--	--	--	--	5.3 U	5.2 U	5.5 U
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	--	--	--	--	--	5.4 U	5.2 U	5.5 U
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	--	--	--	--	--	110 U	100 U	110 U
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	--	--	--	--	--	56 U	54 U	57 U
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	13 U	9.6 U	17 U
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	13 U	9.6 U	17 U
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	13 U	9.7 U	17 U
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	13 U	9.5 U	17 U
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	14 U	10 U	18 U
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	13 U	9.5 U	17 U
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	13 U	9.4 U	17 U
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	14 U	10 U	17 U
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	14 U	10 U	18 U
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	13 U	9.7 U	17 U
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	13 U	9.4 U	16 U
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	14 U	10 U	18 U
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	13 U	9.7 U	17 U
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	14 U	9.8 U	17 U
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	13 U	9.5 U	17 U
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	13 U	9.6 U	17 U
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	13 U	9.5 U	17 U
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	13 U	9.2 U	16 U
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	14 U	9.9 U	17 U
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	14 U	10 U	18 U
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	13 U	9.6 U	17 U
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	14 U	9.8 U	17 U
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	14 U	10 U	17 U
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	14 U	10 U	18 U
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	14 U	9.9 U	17 U
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	14 U	10 U	18 U
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	14 U	9.9 U	17 U
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	13000 U	9500 U	17000 U
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	1300 U	960 U	1700 U
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	6300 U	4600 U	8000 U
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	13000 U	9300 U	130000
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	13 U	9.1 U	42
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	12 U	8.9 U	31 J
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	13 U	9.3 U	16 U
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	13 U	9.3 U	330
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	13 U	9.4 U	270
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	65 U	48 U	560
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	13 U	9.3 U	61
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	13 U	9.5 U	61
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	12 U	9 U	16 U
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	12 U	8.7 U	15 U
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	13 U	9.5 U	17 U
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	13 U	9.4 U	16 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE				PESTICIDES (UG/KG)			PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS	
					AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDE	ENDOSULFAN SULFATE	ENDRIN ALDEHYDE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1384-7-8	E-SB-1384	7	8	20140730	4.7 U	0 U	19.75	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	16 U	0 U	54.75	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	4.8 U	14	31.15	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	4.6 U	12	28.45	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	4.5 U	8.6	24.8	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	4.6 U	9.1	25.55	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	82	82	105.5	--	--	--	23 J	--	--	74 U	--	--	1100
E-SB-1387-3	E-SB-1387	3	3	20140731	35	35	50.3	--	--	--	100	--	--	48 U	--	--	5.2 U
E-SB-1388-4	E-SB-1388	4	4	20140801	61	61	77.85	--	--	--	92	--	--	52 U	--	--	26
E-SB-1389-3	E-SB-1389	3	3	20140731	500	500	579	--	--	--	130	--	--	49 U	--	--	64
E-SB-1390-6	E-SB-1390	6	6	20140801	4.9 U	0 U	20.6	--	--	--	35	--	--	70 J	--	--	4.5 J
E-SB-1391-5	E-SB-1391	5	5	20140801	5.7 J	5.7	22.95	--	--	--	4.8 U	--	--	53 U	--	--	3.9 J
E-SB-1392-7	E-SB-1392	7	7	20140801	4.6 U	0 U	19.35	--	--	--	4.7 U	--	--	52 U	--	--	0.57 U
E-SB-1393-7	E-SB-1393	7	7	20140801	7.5 J	7.5	24.05	--	--	--	18 J	--	--	52 U	--	--	0.56 U
E-SB-1398-2-4	E-SB-1398	2	4	20141113	4.6 U	0 U	19.35	--	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	4.7 U	0 U	19.6	--	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	7200	7200	7542.5	--	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	3900	3900	4078.5	--	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	11 U	0 U	67.8	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	11 U	0 U	67.8	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	11 U	0 U	68.35	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	12 J	12	73.75	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	12 U	0 U	73.5	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	11 U	0 U	67.75	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	11 UJ	0 U	67.2	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	11 U	0 U	70	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	11 U	0 U	71	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	11 U	0 U	67.85	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	11 U	0 U	66.2	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	11 U	0 U	71	--	--	--	150	--	--	2400	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	11 U	0 U	68.35	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	16 J	16	80.4	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	21 J	21	82.75	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	21 J	21	83.3	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	11 U	0 U	67.25	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	270	270	329.6	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	620	620	684.45	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	11 UJ	0 U	71	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	11 UJ	0 U	67.8	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	11 UJ	0 U	69.9	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	11 UJ	0 U	70	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	11 UJ	0 U	72	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	37 J	37	101.45	--	--	--	--	--	--	--	--	--	--
E-SB-1446-4-6	E-SB-1446	4	6	20160330	11 UJ	0 U	71	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	11 UJ	0 U	69.95	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	290000	290000	351750	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	18000	18000	24230	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	46000	46000	75600	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	10000 U	130000	187650	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	10 U	42	98.55	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	10 U	31	85.45	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	10 U	0 U	65.65	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	10 U	330	387.65	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	11 U	270	328.7	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	53 U	560	854	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	10 U	61	118.65	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	11 U	61	119.75	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	13 J	13	71	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	9.8 U	0 U	61.25	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	55	55	116.75	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	11 U	0 U	66.2	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	(UG/KG) ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	10000	10000	10000	NA	NA	NA	NA	NA	NA	NA
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	360	110	490	1074	1072.2	--	1000	850	820	440	400	1200	3.6 U
E-SB-1387-3	E-SB-1387	3	3	20140731	7.9 U	38 J	89	649.77	646.32	--	410	520	610	260	280	520	6.9 U
E-SB-1388-4	E-SB-1388	4	4	20140801	18	38	73	624.67	624.67	--	430	460	630	170	220	470	41
E-SB-1389-3	E-SB-1389	3	3	20140731	43	82	140	1256.32	1256.32	--	740	930	1200	400	440	920	93
E-SB-1390-6	E-SB-1390	6	6	20140801	0.91 U	0.42 U	5.1 J	17.7321	17.312	--	12	14	21	0.42 U	0.81 U	12	0.79 U
E-SB-1391-5	E-SB-1391	5	5	20140801	0.87 U	4 J	8.8	48.366	47.966	--	31	39	56	0.4 U	23	36	0.76 U
E-SB-1392-7	E-SB-1392	7	7	20140801	0.86 U	0.4 U	0.88 U	0.73 U	0.73 U	--	0.71 U	0.73 U	0.67 U	0.4 U	0.77 U	1.2 U	0.75 U
E-SB-1393-7	E-SB-1393	7	7	20140801	0.85 U	0.39 U	0.87 U	1.6689	0.88	--	0.7 U	0.72 U	8.8	0.39 U	0.76 U	1.2 U	0.74 U
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)				
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	2000	720	350	390	4300	3000	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	540	5.5 U	210	40 J	320	890	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	500	27	150	35	250	990	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	1000	75	340	70	680	1700	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	19	4 J	0.42 U	10	17	19	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	45	4.7 J	0.4 U	0.94 U	42	68	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	0.62 U	0.6 U	0.4 U	0.93 U	0.83 U	0.5 U	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	17	0.59 U	0.39 U	4.3 J	17	15	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE		RADIONUCLIDES (PCI/G)												
					URANIUM-238	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIOCHEMISTRY BY ALPHA	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									SEMIVOLATILES (UG/KG)				
					THORIUM-232	THORIUM-234	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	2-METHYLNAPHTHALENE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	--	--	--	4 U	0.57 U	23 U	17	0.4 U
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	--	--	--	4 U	0.57 U	23 U	0.87 U	0.4 U
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	--	--	--	4.1 U	6 J	23 U	27	8.5
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	--	--	--	4.2 U	28	24 U	38	0.42 U
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	9.6 J	110	25 U	15	0.44 U
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	15	36.161	35.766	14 U	35	27	50	0.4 U	22	22 U	11 U	61 J	31 U
E-SB-1398-4-8	E-SB-1398	4	8	20141113	0.89 U	0.73 U	0.73 U	14 U	0.72 U	0.73 U	0.67 U	0.4 U	0.78 U	46 JB	11 U	42 U	31 U
E-SB-1399-2-4	E-SB-1399	2	4	20141113	75	580.95	580.57	14 U	420	460	630	130	310	87 B	12 U	43 U	31 U
E-SB-1399-4-8	E-SB-1399	4	8	20141113	80	484.155	483.76	14 U	410	380	510	90	260	68 JB	12 U	44 U	32 U
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	10	13.814	13.399	15 U	9.6	10	16	11	5.8 J	38 U	13 U	47 U	34 U
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE	DIBENZOFURAN	DI-N-BUTYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	46	0.75 U	0.75 U	17 U	84	13	0.4 U	10	63	8.3 U	71	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	1.3 U	0.75 U	0.75 U	17 U	0.63 U	0.61 U	0.4 U	0.94 U	0.83 U	8.3 U	0.5 U	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	470	0.76 U	0.76 U	150	730	37	120	7.5 J	440	8.5 U	1200	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	460	0.79 U	0.79 U	18 U	780	62	87	16	580	8.7 U	1400	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	11	0.83 U	9 J	19 U	26	21	7.7 J	62	52	9.2 U	22	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TCLP METALS (MG/L)							TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)					
					ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS-	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	7700 NJ	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	3800 NJ	11000 NJ	1300 NJ	3200 NJ	3500 NJ	--	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	2100 NJ	7400 NJ	1200 NJ	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	1500 NJ	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	VOLATILES (UG/KG)												
					UNKNOWN [2.17]	UNKNOWN [3.57]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	530000	NA	NA	NA	NA	NA
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	1.2 U	0.32 U	0.47 U	0.34 U	0.15 J	0.24 U	0.58 U	0.32 U	0.31 U	0.31 U	0.59 U
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	1 U	0.28 U	0.41 U	0.3 U	0.13 U	0.21 U	0.51 U	0.28 U	0.27 U	0.27 U	0.52 U
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	1.2 U	0.33 U	0.48 U	0.32 U	0.14 U	0.22 U	0.54 U	0.3 U	0.31 U	0.29 U	0.55 U
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	1.1 U	0.3 U	0.43 U	0.31 U	0.14 U	0.22 U	0.54 U	0.3 U	0.28 U	0.29 U	0.54 U
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	1.8 U	1.5 U	3.5 U	2.2 U	130	1.6 U	3.2 J	1.5 U	2 U	3 U	1.2 U
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	BENZENE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	DICHLORODIFLUOROMETHANE	ETHYLBENZENE	HEXANE	ISOPROPYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	9.3 J	0.19 U	75 B	0.21 U	0.54 J	0.33 U	0.3 U	0.26 U	0.32 U	0.45 U	0.23 U	--	0.14 U
E-SB-1398-4-8	E-SB-1398	4	8	20141113	3.9 J	0.16 U	37 B	0.18 U	0.38 J	0.29 U	0.26 U	0.23 U	0.28 U	0.39 U	0.2 U	--	0.13 U
E-SB-1399-2-4	E-SB-1399	2	4	20141113	1.3 U	0.17 U	5.8 U	0.21 U	0.4 U	0.34 U	0.3 U	0.27 U	0.33 U	0.46 U	0.24 U	--	0.15 U
E-SB-1399-4-8	E-SB-1399	4	8	20141113	5.8 J	0.17 U	33 B	0.19 U	0.55 J	0.31 U	0.27 U	0.24 U	0.3 U	0.41 U	0.21 U	--	0.13 U
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	18 J	15 J	140	3.9 U	5.3 J	2.8 U	2.3 U	1.6 U	1.2 U	1.2 UJ	1.4 U	--	94
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	1.1 U	--	0.6 U	1.5 JB	0.21 U	0.36 U	0.34 J	0.16 U	0.13 U	0.26 U	6.8 U	0.47 U	0.24 U
E-SB-1398-4-8	E-SB-1398	4	8	20141113	0.94 U	--	0.52 U	0.16 JB	0.18 U	0.31 U	0.27 U	0.14 U	0.12 U	0.23 U	6 U	0.41 U	0.21 U
E-SB-1399-2-4	E-SB-1399	2	4	20141113	1.1 U	--	0.62 U	0.24 JB	0.19 U	0.33 U	0.32 U	0.15 U	0.14 U	0.24 U	7 U	0.48 U	0.25 U
E-SB-1399-4-8	E-SB-1399	4	8	20141113	0.99 U	--	0.55 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.12 U	0.24 U	6.3 U	0.43 U	0.22 U
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	9.6 J	--	3.2 U	62	53	200	2.5 U	45	1.7 U	2.9 U	25 U	3.5 U	1.2 U
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUORO-METHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	3900	NA	NA	
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	NORMAL
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	NORMAL
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	NORMAL
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	NORMAL
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	NORMAL
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	NORMAL
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	NORMAL
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	NORMAL
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	NORMAL
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	NORMAL
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	NORMAL
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	NORMAL
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	NORMAL
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	NORMAL
E-SB-1398-2-4	E-SB-1398	2	4	20141113	0.34 J	--	0.37 U	0.38 U	0.31 U	0.35 U	NORMAL
E-SB-1398-4-8	E-SB-1398	4	8	20141113	0.27 U	--	0.32 U	0.33 U	0.27 U	0.31 U	NORMAL
E-SB-1399-2-4	E-SB-1399	2	4	20141113	0.32 U	--	0.38 U	0.39 U	0.31 U	0.36 U	NORMAL
E-SB-1399-4-8	E-SB-1399	4	8	20141113	0.29 U	--	0.34 U	0.35 U	0.28 U	0.32 U	NORMAL
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	NORMAL
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	NORMAL
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	NORMAL
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	NORMAL
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	NORMAL
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	NORMAL
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	NORMAL
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	NORMAL
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	NORMAL
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	NORMAL
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	NORMAL
E-SB-1442-2-4	E-SB-1442	2	4	20160330	9.6 J	9.6	1.4 U	1.6 U	1.3 U	1.3 U	NORMAL
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	NORMAL
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	NORMAL
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	NORMAL
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	NORMAL
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	NORMAL
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	NORMAL
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	NORMAL
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	NORMAL
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	NORMAL
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	NORMAL
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	NORMAL
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	NORMAL
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	NORMAL
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	NORMAL
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	NORMAL
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	NORMAL
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	NORMAL
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	NORMAL
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	NORMAL
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	NORMAL
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	NORMAL
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	NORMAL
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	NORMAL
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	NORMAL
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	NORMAL
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	NORMAL
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	NORMAL
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	NORMAL
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	NORMAL
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	NORMAL
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	NORMAL
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	NORMAL

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A) ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A) ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	METALS (MG/KG)												
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PARAMETERS (%)
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	13	610	0.66	62	0.15 J	660	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)		MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)						PCBS (UG/KG)		
					FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254
					MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	F	MG/KG	MG/KG	S.U.	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	60 U	44 U	77 U
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	13 U	9.2 U	16 U
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	600 U	440 U	770 U
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	12 U	8.8 U	15 U
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	13 U	9.5 U	17 U
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	13 U	9.7 U	17 U
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	15 U	11 U	19 U
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	13 U	9.7 U	17 U
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	260 U	190 U	330 U
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	12 U	8.8 U	47
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	12 U	8.9 U	15 U
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	130 U	92 U	160 U
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	12 U	9 U	16 U
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	13 U	9.4 U	16 U
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	260 U	190 U	5100
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	12 U	8.9 U	41
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	12 U	8.9 U	49
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	13 U	9.4 U	27 J
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	13 U	9.2 U	270
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	13 U	9.2 U	16 U
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	13 U	9.5 U	17 U
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	120000 U	89000 U	1700000
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	62 U	45 U	240
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	12 U	8.9 U	210
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	130000 U	91000 U	1100000
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	14 U	9.9 U	17 U
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	14 U	10 U	18 U
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	13 U	9.6 U	17 U
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	13 U	9.5 U	17 U
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	13 U	9.8 U	17 U
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	26000 U	19000 U	33000 U
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	6800 U	5000 U	8700 U
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	130 U	95 U	170 U
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	26000 U	19000 U	33000 U
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	63000 U	46000 U	81000 U
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	13 U	9.3 U	16 U
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	13 U	9.5 U	17 U
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	13 U	9.4 U	16 U
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	6600 U	4800 U	8400 U
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	1300 U	970 U	1700 U
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	1300 U	950 U	1700 U
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	13000 U	9400 U	16000 U
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	13 U	20 J	17 U
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	13 U	9.1 U	16 U
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	65 U	47 U	82 U
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	72000 U	52000 U	91000 U
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	2600 U	1900 U	3400 U
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	270 U	190 U	340 U
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	270 U	200 U	350 U
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	13 U	9.4 U	17 U
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	72000 U	53000 U	92000 U
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	13 U	9.6 U	17 U
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	26000 U	19000 U	34000 U
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	69 U	50 U	88 U
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	14 U	10 U	18 U
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	14 U	10 U	18 U
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	67000 U	49000 U	85000 U
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	13 UJ	9.5 UJ	17 UJ
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	13 U	9.4 U	16 U
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	13 U	9.4 U	16 U
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	13 U	9.6 U	17 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE				PESTICIDES (UG/KG)			PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS	
					AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDE	ENDOSULFAN SULFATE	ENDRIN ALDEHYDE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1452-2-3	E-SB-1452	2	3	20160301	49 U	0 U	310	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	10 U	0 U	65.1	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	9800	9800	12655	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	27 J	27	83.9	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	11 U	0 U	67.25	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	11 U	0 U	67.85	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	12 U	0 U	75.5	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	11 U	0 U	68.35	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	4500	4500	5730	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	9.9 U	47	101.35	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	10 U	0 U	61.95	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	1000	1000	1596	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	10 U	0 U	64	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	11 U	0 U	66.7	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	210 U	5100	6255	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	10 U	41	95.45	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	10 U	49	103.45	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	11 U	27	85.7	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	10 U	270	327.1	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	10 U	0 U	64.6	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	11 U	0 U	67.25	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	100000 U	1700000	2244500	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	50 U	240	516.5	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	10 U	210	264.95	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	100000 U	1100000	1665500	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	11 U	0 U	69.95	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	11 U	0 U	71	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	11 U	0 U	67.8	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	11 U	0 U	67.25	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	11 U	0 U	68.9	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	540000	540000	664000	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	110000	110000	142050	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	4100	4100	4717.5	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	1300000	1300000	1421500	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	2300000	2300000	2602000	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	10 U	0 U	65.65	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	24 J	24	85.75	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	11 U	0 U	66.2	--	--	--	--	--	--	--	--	--	--
E-SB-1464-8-10	E-SB-1464	8	10	20160225	150000	150000	181200	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	31000	31000	37285	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	37000	37000	43175	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	220000	220000	280700	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	50	70	127	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	120	120	179.55	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	490	490	797.5	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	1400000	1400000	1736500	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	120000	120000	132450	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	5300	5300	6565	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	11000	11000	12285	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	11 U	0 U	67.2	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	1700000	1700000	2043500	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	56	56	118.3	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	680000	680000	804500	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	1200	1200	1529	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	140	140	205.5	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	63	63	128.5	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	960000	960000	1276000	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	110 J	110	171.75	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	18 J	18	78.7	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	69	69	129.7	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	14 J	14	76.3	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	(UG/KG) ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	10000	10000	10000	NA	NA	NA	NA	NA	NA	NA
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	0.87 U	0.4 U	0.89 U	0.73 U	0.73 U	--	0.72 U	0.73 U	0.67 U	0.4 U	0.78 U	1.3 U	0.75 U
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	0.89 U	0.41 U	0.91 U	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.77 U
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	0.92 U	0.42 U	0.94 U	12.8996	12.439	--	14	11 J	0.71 UJ	0.42 UJ	0.82 UJ	39	0.8 UJ
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)				
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	0.63 U	0.6 U	0.4 U	0.94 U	0.83 U	0.5 U	0 U	5.705	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	0.64 U	0.62 U	0.41 U	0.96 U	5.4 J	4.8 J	10.2	15.35	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	3.94	2.88	3.76	7610	298
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	25	0.64 U	0.42 UJ	0.99 U	15	24	128	131.54	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE		RADIONUCLIDES (PCI/G)												
					URANIUM-238	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIOCHEMISTRY BY ALPHA	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	474	3.57	3.93	0.678	2.92	0.704	4.7	151	0.678	3.57	1.01	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									SEMIVOLATILES (UG/KG)				
					THORIUM-232	THORIUM-234	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	2-METHYLNAPHTHALENE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	3.57	125	--	4080	92.7	--	9.94	125	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE	DIBENZOFURAN	DI-N-BUTYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TCLP METALS (MG/L)							TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)					
					ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	68000 NJ	44000 NJ	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	21000 NJ	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS-	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			VOLATILES (UG/KG)											
					UNKNOWN [2.17]	UNKNOWN [3.57]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	530000	NA	NA	NA	NA	NA
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	3800 U	3100 U	2700 U	210000	1200 U	1000000	1200 U	12000 J	900 U	2700 U	14000 J
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	38 U	31 U	27 U	720	12 U	3400	12 U	120 J	9 U	27 U	170 J
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	3500 U	2900 U	2500 U	67000	1100 U	330000	1100 U	3000 J	830 U	2500 U	3800 J
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	BENZENE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	DICHLORODIFLUOROMETHANE	ETHYLBENZENE	HEXANE	ISOPROPYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	6600 U	2200 U	20000 U	810 U	5000 U	1600 U	1200 U	3200 U	3400 U	5500 UJ	3100 U	--	1200 U
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	65 U	22 U	200 U	8.1 U	50 U	16 U	12 U	32 U	34 U	55 UJ	31 U	--	12 U
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	6000 U	2100 U	19000 U	750 U	4600 U	1500 U	1100 U	3000 U	3100 U	5100 U	2900 U	--	1100 U
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	1800 U	--	7600 U	2300 U	1900 U	5500 U	1500 U	1400 U	2400 U	3100 U	75000 U	2400 U	900 U
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	18 U	--	76 U	23 U	19 U	55 U	15 U	14 U	24 U	30 U	750 U	24 U	9 U
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	1700 U	--	7000 U	2200 U	1700 U	5100 U	1400 U	1300 U	2200 U	2800 U	69000 U	2200 U	830 U
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUORO-METHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	3900	NA	NA	
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	NORMAL
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	NORMAL
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	NORMAL
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	NORMAL
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	NORMAL
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	NORMAL
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	NORMAL
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	NORMAL
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	NORMAL
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	NORMAL
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	NORMAL
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	NORMAL
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	NORMAL
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	NORMAL
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	NORMAL
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	NORMAL
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	NORMAL
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	NORMAL
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	NORMAL
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	NORMAL
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	NORMAL
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	NORMAL
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	NORMAL
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	NORMAL
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	NORMAL
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	NORMAL
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	NORMAL
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	NORMAL
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	NORMAL
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	NORMAL
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	NORMAL
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	NORMAL
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	NORMAL
E-SB-1463-6-8	E-SB-1463	6	8	20160225	2900 U	0 U	2300 U	3500 U	3100 U	1500 U	NORMAL
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	NORMAL
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	NORMAL
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	NORMAL
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	NORMAL
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	NORMAL
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	NORMAL
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	NORMAL
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	NORMAL
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	NORMAL
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	NORMAL
E-SB-1468-6-8	E-SB-1468	6	8	20160225	29 U	0 U	23 U	35 U	31 U	15 U	NORMAL
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	NORMAL
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	NORMAL
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	NORMAL
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	NORMAL
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	NORMAL
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	NORMAL
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	NORMAL
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	NORMAL
E-SB-1474-8-12	E-SB-1474	8	12	20160229	2600 U	0 U	2200 U	3200 U	2900 U	1400 U	NORMAL
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	NORMAL
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	NORMAL
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	NORMAL
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	NORMAL
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	NORMAL
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	NORMAL
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	NORMAL
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	NORMAL

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A) ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A) ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	METALS (MG/KG)												
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PARAMETERS (%)
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)		MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)						PCBS (UG/KG)		
					FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254
					MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	F	MG/KG	MG/KG	S.U.	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	14 U	10 U	18 U
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	64 U	46 U	81 U
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	130 U	95 U	170 U
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	130 U	96 U	170 U
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	260 U	190 U	330 U
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	68000 U	49000 U	86000 U
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	68000 U	49000 U	86000 U
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	130 U	96 U	170 U
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	13 U	9.6 U	17 U
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	13 U	9.3 U	16 U
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	13 U	9.1 U	16 U
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	13 U	9.3 U	16 U
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	13 U	9.6 U	17 U
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	14 U	10 U	18 U
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	13 U	9.1 U	16 U
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	13 U	9.6 U	17 U
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	13 U	9.5 U	95
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	13 U	9.3 U	16 U
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	68000 U	49000 U	86000 U
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	6500 U	4800 U	8300 U
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	640000 U	460000 U	810000 U
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	13 U	9.6 U	17 U
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	13 U	9.2 U	16 U
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	13 U	9.3 U	16 U
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	1300000 U	940000 U	1600000 U
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	2600 U	1900 U	3300 U
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	26000 U	19000 U	34000 U
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	13 U	9.4 U	16 U
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	1400 U	1000 U	1800 U
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	270000 U	190000 U	340000 U
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	2700 U	1900 U	3400 U
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	14000 U	10000 U	18000 U
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	130000 U	96000 U	170000 U
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	1300000 U	980000 U	1700000 U
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	13000 U	9600 U	17000 U
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	13 U	9.5 U	17 U
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	260 U	190 U	340 U
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	64 U	47 U	82 U
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	13 U	9.5 U	17 U
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	13 U	9.5 U	17 U
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	130000 U	92000 U	160000 U
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	13 U	9.4 U	16 U
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	13 U	9.4 U	16 U
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	12 U	9.1 U	16 U
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	13 U	9.4 U	16 U
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	6400 U	4600 U	8100 U
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	62000 U	45000 U	79000 U
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	640 U	460 U	810 U
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	13 U	9.4 U	16 U
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	66 U	48 U	84 U
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	69 U	50 U	88 U
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	13 U	9.4 U	17 U
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	13 U	9.4 U	16 U
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	13 U	9.7 U	17 U
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	13 U	9.7 U	17 U
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	14 U	10 U	17 U
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	13 U	9.2 U	16 U
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	13 U	9.7 U	17 U
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	13 U	9.8 U	17 U
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	13 U	9.3 U	16 U
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	13 U	9.7 U	17 U
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	64 U	47 U	82 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE				PESTICIDES (UG/KG)			PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS	
					AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDE	ENDOSULFAN SULFATE	ENDRIN ALDEHYDE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1494-2-4	E-SB-1494	2	4	20160331	400	400	465.5	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	1200 J	1200	1503.5	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	3000	3000	3617.5	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	3700	3700	4323	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	5200	5200	6420	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	540000 J	540000	859000	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	920000 J	920000	1239000	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	2700	2700	3323	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	54	54	116.3	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	68	68	128.65	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	81	81	140.55	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	55	55	115.65	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	160	160	222.3	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	230 J	230	295.5	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	130 J	130	189.55	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	110	110	172.3	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	11 U	95	153.75	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	28 J	28	88.65	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	3000000	3000000	3318500	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	130000	130000	160950	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	9400000	9400000	1.2E+07	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	11 U	0 U	67.8	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	32 J	32	91.6	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	10 U	0 U	65.65	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	7700000	7700000	1.4E+07	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	77000	77000	89150	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	450000	450000	574500	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	21 J	21	82.2	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	5400	5400	12000	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	2700000	2700000	3955000	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	18000 J	18000	30600	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	55000 J	55000	122500	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	860000	860000	1483000	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	7000000	7000000	1.3E+07	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	78000	78000	140300	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	89	89	150.75	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	5100	5100	6345	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	1600	1600	1905.5	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	28 J	28	89.75	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	140	140	201.75	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	6500000	6500000	7101000	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	44 J	44	105.2	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	23 J	23	83.7	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	44	44	103.05	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	11 U	0 U	66.2	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	110000	110000	140300	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	1300000	1300000	1591500	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	13000	13000	16030	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	80	80	141.2	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	540	540	852	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	290	290	619	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	53	53	114.7	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	11 U	0 U	66.2	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	11 U	0 U	68.35	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	11 U	0 U	68.35	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	800	800	864.5	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	140 J	140	200.1	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	280 J	280	342.85	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	120	120	183.4	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	120	120	180.65	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	11 U	0 U	68.35	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	850	850	1155	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	(UG/KG) ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	10000	10000	10000	NA	NA	NA	NA	NA	NA	NA
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)				
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE		RADIONUCLIDES (PCI/G)												
					URANIUM-238	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIOCHEMISTRY BY ALPHA	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									SEMIVOLATILES (UG/KG)				
					THORIUM-232	THORIUM-234	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	2-METHYLNAPHTHALENE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE	DIBENZOFURAN	DI-N-BUTYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TCLP METALS (MG/L)							TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)					
					ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS-	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			VOLATILES (UG/KG)											
					UNKNOWN [2.17]	UNKNOWN [3.57]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	530000	NA	NA	NA	NA	NA
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	BENZENE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	DICHLORODIFLUOROMETHANE	ETHYLBENZENE	HEXANE	ISOPROPYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUORO-METHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	3900	NA	NA	
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	NORMAL
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	NORMAL
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	NORMAL
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	NORMAL
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	NORMAL
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	NORMAL
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	NORMAL
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	NORMAL
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	NORMAL
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	NORMAL
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	NORMAL
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	NORMAL
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	NORMAL
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	NORMAL
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	NORMAL
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	NORMAL
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	NORMAL
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	NORMAL
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	NORMAL
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	NORMAL
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	NORMAL
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	NORMAL
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	NORMAL
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	NORMAL
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	NORMAL
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	NORMAL
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	NORMAL
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	NORMAL
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	NORMAL
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	NORMAL
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	NORMAL
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	NORMAL
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	NORMAL
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	NORMAL
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	NORMAL
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	NORMAL
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	NORMAL
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	NORMAL
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	NORMAL
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	NORMAL
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	NORMAL
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	NORMAL
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	NORMAL
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	NORMAL
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	NORMAL
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	NORMAL
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	NORMAL
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	NORMAL
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	NORMAL
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	NORMAL
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	NORMAL
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	NORMAL
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	NORMAL
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	NORMAL
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	NORMAL
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	NORMAL
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	NORMAL
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	NORMAL
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	NORMAL
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	NORMAL
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	NORMAL
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	NORMAL

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A) ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A) ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	METALS (MG/KG)												
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PARAMETERS (%)
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)		MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)						PCBS (UG/KG)		
					FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254
					MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	F	MG/KG	MG/KG	S.U.	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	13 U	9.2 U	16 U
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	13 U	9.1 U	16 U
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	14 U	10 U	18 U
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	14 U	9.9 U	17 U
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	14 U	10 U	18 U
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	13 U	9.5 U	17 U
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	13 U	9.3 U	16 U
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	13 U	9.3 U	16 U
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	13000 U	9500 U	17000 U
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	130000 U	93000 U	160000 U
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	1300 U	930 U	1600 U
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	12 U	9 U	16 U
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	13 U	9.2 U	16 U
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	13 U	9.2 U	16 U
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	13 U	9.4 U	16 U
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	13 U	9.1 U	16 U
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	13 U	9.2 U	16 U
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	13 U	9.3 U	16 U
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	64 U	47 U	82 U
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	13 U	9.5 U	17 U
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	13 U	9.6 U	17 U
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	13 U	9.2 U	16 U
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	13 U	9.6 U	17 U
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	13 U	9.4 U	16 U
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	13 U	9.6 U	17 U
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	25 U	21 U	17 U
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	25 U	21 U	17 U
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	23 U	19 U	16 U
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	25 U	21 U	17 U
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	24 U	21 U	17 U
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	24 U	21 U	17 U
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	25 U	21 U	17 U
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	25 U	21 U	17 U
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	25 U	21 U	17 U
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE				PESTICIDES (UG/KG)			PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS	
					AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDE	ENDOSULFAN SULFATE	ENDRIN ALDEHYDE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1511-6-8	E-SB-1511	6	8	20160304	10 U	0 U	65.1	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	10 U	0 U	64.55	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	11 J	11	77	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	11 U	0 U	69.95	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	11 U	0 U	71.5	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	11 U	0 U	67.25	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	23 J	23	83.65	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	45	45	105.65	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	240000 J	240000	301750	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	1600000 J	1600000	2206500	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	15000	15000	21065	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	26 J	26	84	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	20 J	20	80.1	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	10 U	0 U	64.6	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	23 J	23	83.7	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	11 J	11	70.55	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	140	140	199.6	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	350	350	410.65	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	420	420	725	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	11 U	0 U	67.25	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	11 U	0 U	67.8	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	10 U	0 U	64.6	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	11 U	0 U	67.8	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	21 J	21	81.7	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	11 U	0 U	67.8	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	22 U	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	22 U	0 U	98.95	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	21 U	0 U	95.25	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	140	140	228.5	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	22 U	0 U	95.8	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	21 U	0 U	91.6	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	22 U	0 U	99.5	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	22 U	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	22 U	0 U	97.4	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	22 U	0 U	97.4	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	22 U	0 U	98.4	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	21 U	0 U	93.2	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	21 U	0 U	94.75	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	22 U	0 U	98.4	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	21 U	0 U	94.7	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	21 U	0 U	95.25	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	21 U	0 U	94.7	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	21 U	0 U	94.75	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	29 J	29	116.9	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	(UG/KG) ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	10000	10000	10000	NA	NA	NA	NA	NA	NA	NA
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)				
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE		RADIONUCLIDES (PCI/G)												
					URANIUM-238	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIOCHEMISTRY BY ALPHA	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									SEMIVOLATILES (UG/KG)				
					THORIUM-232	THORIUM-234	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	2-METHYLNAPHTHALENE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE	DIBENZOFURAN	DI-N-BUTYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TCLP METALS (MG/L)							TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)					
					ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	1700 NJ	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	7500 NJ	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS-	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	58000 NJ	760 NJ	--	--	--	8400 NJ	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	820 NJ	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			VOLATILES (UG/KG)										
					UNKNOWN [2.17]	UNKNOWN [3.57]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	530000	NA	NA	NA	NA	NA
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	0.35 U	0.29 U	0.67 U	0.42 U	0.39 U	0.32 U	0.49 U	0.29 U	0.39 U	0.58 U	0.23 U
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	0.31 U	0.25 U	0.59 U	0.37 U	0.34 U	0.28 U	0.42 U	0.25 U	0.34 U	0.5 U	0.2 U
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	35 U	29 U	25 U	32 U	11 U	25 U	11 U	16 U	8.2 U	25 U	34 U
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	0.34 U	0.28 U	0.66 U	0.41 U	0.38 U	0.31 U	0.48 U	0.28 U	0.38 U	0.57 U	0.23 U
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	130 U	110 U	90 U	120 U	39 U	90 U	39 U	57 U	30 U	90 U	120 U
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	3.4 J	0.31 U	0.74 U	0.46 U	0.43 U	0.35 U	0.54 U	0.31 U	0.43 U	0.64 U	0.29 J
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	2.6 J	0.32 U	0.76 U	0.47 U	0.44 U	0.36 U	0.55 U	0.32 U	0.44 U	0.65 U	0.26 U
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	40 U	34 U	29 U	38 U	13 U	29 U	13 U	18 U	9.6 U	29 U	39 U
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	41 U	34 U	29 U	38 U	13 U	29 U	13 U	19 U	9.7 U	29 U	40 U
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	34 U	28 U	24 U	32 U	11 U	24 U	11 U	15 U	8.1 U	24 U	33 U
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	1.6 J	0.28 U	0.65 U	0.41 U	0.37 U	0.31 U	0.47 U	0.28 U	0.37 U	0.56 U	0.23 U
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	0.38 U	0.31 U	0.73 U	0.46 U	0.42 U	0.35 U	0.53 U	0.31 U	0.42 U	0.63 U	0.26 U
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	0.34 U	0.28 U	0.65 U	0.41 U	0.37 U	0.31 U	0.47 U	0.28 U	0.37 U	0.56 U	0.23 U
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	BENZENE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	DICHLORODIFLUORO METHANE	ETHYLBENZENE	HEXANE	ISOPROPYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	0.94 U	0.34 U	4.8 U	0.76 U	0.49 UJ	0.55 U	0.44 U	0.3 U	3.7 J	0.23 U	0.27 U	--	0.17 U
E-SB-1512-4-6	E-SB-1512	4	6	20160302	4.5 J	0.3 U	38	0.66 U	0.63 J	0.48 U	0.39 U	0.26 U	7.7	0.2 U	0.23 U	--	0.15 U
E-SB-1513-2-4	E-SB-1513	2	4	20160302	60 U	21 U	190 U	7.4 U	46 UJ	15 U	11 U	30 U	490	50 U	29 U	--	11 U
E-SB-1513-4-6	E-SB-1513	4	6	20160302	0.92 U	0.34 U	4.7 U	0.74 U	0.48 UJ	0.53 U	0.43 U	0.29 U	79	0.23 U	0.26 U	--	0.16 U
E-SB-1514-2-4	E-SB-1514	2	4	20160302	220 U	1300	680 U	27 U	170 U	54 U	39 U	110 U	16000	180 U	110 U	--	39 U
E-SB-1514-4-6	E-SB-1514	4	6	20160302	1 U	0.38 U	7.9 J	0.83 U	0.55 U	0.6 U	0.49 U	0.33 U	130	0.26 U	0.3 U	--	0.19 U
E-SB-1515-2-4	E-SB-1515	2	4	20160302	1.1 U	0.39 U	20	0.85 U	0.56 U	0.62 U	0.5 U	0.34 U	470 J	0.26 U	0.3 U	--	0.19 U
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	70 U	24 U	220 U	8.7 U	54 U	17 U	13 U	35 U	680	59 U	34 U	--	13 U
E-SB-1515-4-6	E-SB-1515	4	6	20160302	71 U	24 U	220 U	8.8 U	55 U	18 U	13 U	35 U	590 J	59 U	34 U	--	13 U
E-SB-1516-3-4	E-SB-1516	3	4	20160302	59 U	20 U	180 U	7.3 U	45 U	15 U	11 U	29 U	180 J	49 U	28 U	--	11 U
E-SB-1516-4-6	E-SB-1516	4	6	20160302	1.5 J	0.33 U	16	0.73 U	0.48 UJ	0.53 U	0.43 U	0.29 U	64	0.23 J	0.26 U	--	0.16 U
E-SB-1517-3-4	E-SB-1517	3	4	20160302	1.3 J	0.37 U	23	0.82 U	0.54 UJ	0.59 U	0.48 U	0.33 U	1 J	0.26 U	0.29 U	--	0.18 U
E-SB-1517-4-6	E-SB-1517	4	6	20160302	0.91 U	0.33 U	4.6 U	0.73 U	0.48 UJ	0.53 U	0.43 U	0.29 U	0.47 J	0.23 U	0.26 U	--	0.16 U
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	0.35 U	--	0.62 U	0.29 U	0.49 U	0.5 U	0.48 U	0.76 U	0.34 U	0.56 U	4.8 U	0.67 U	0.23 U
E-SB-1512-4-6	E-SB-1512	4	6	20160302	0.45 J	--	0.54 U	0.26 U	0.43 U	0.44 U	0.42 U	0.67 U	0.29 U	0.49 U	4.2 U	0.59 U	0.28 J
E-SB-1513-2-4	E-SB-1513	2	4	20160302	16 U	--	70 U	21 U	17 U	50 U	14 U	13 U	22 U	28 U	690 U	22 U	8.2 U
E-SB-1513-4-6	E-SB-1513	4	6	20160302	0.34 U	--	0.61 U	0.29 U	0.48 U	0.49 U	0.47 U	0.75 U	0.33 U	0.55 U	4.7 U	0.66 U	0.22 U
E-SB-1514-2-4	E-SB-1514	2	4	20160302	60 U	--	260 U	78 U	63 U	180 U	51 U	48 U	81 U	100 U	2500 U	81 U	53 U
E-SB-1514-4-6	E-SB-1514	4	6	20160302	0.39 U	--	0.68 U	0.32 U	0.55 U	0.56 U	0.53 U	0.84 U	0.37 U	0.62 U	5.3 U	0.74 U	0.25 U
E-SB-1515-2-4	E-SB-1515	2	4	20160302	0.4 U	--	0.7 UJ	0.33 U	0.56 U	0.57 U	0.54 U	0.86 U	0.38 U	0.63 U	5.4 U	0.76 U	0.26 U
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	19 U	--	87 J	25 U	20 U	59 U	16 U	15 U	26 U	33 U	810 U	26 U	9.6 U
E-SB-1515-4-6	E-SB-1515	4	6	20160302	19 U	--	83 U	25 U	20 U	59 U	17 U	16 U	26 U	33 U	820 U	26 U	11 U
E-SB-1516-3-4	E-SB-1516	3	4	20160302	16 U	--	69 U	21 U	17 U	49 U	14 U	13 U	22 U	27 U	680 U	22 U	8.1 U
E-SB-1516-4-6	E-SB-1516	4	6	20160302	0.34 U	--	0.6 U	0.28 U	0.48 U	0.49 U	0.46 U	0.74 U	0.32 U	0.54 U	4.6 U	0.65 U	0.22 U
E-SB-1517-3-4	E-SB-1517	3	4	20160302	0.38 U	--	0.67 U	0.32 U	0.54 U	0.55 U	0.52 U	0.83 U	0.36 U	0.61 U	5.2 U	0.73 U	0.25 U
E-SB-1517-4-6	E-SB-1517	4	6	20160302	0.34 U	--	0.6 U	0.28 U	0.48 U	0.49 U	0.46 U	0.74 U	0.33 U	0.55 U	4.6 U	0.65 U	0.22 U
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUORO-METHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	3900	NA	NA	
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	NORMAL
E-SB-1512-3-4	E-SB-1512	3	4	20160302	0.45 U	0 U	0.27 U	1.9 J	0.24 U	0.25 U	NORMAL
E-SB-1512-4-6	E-SB-1512	4	6	20160302	0.45 J	0.45	0.47 J	5.4	0.21 U	0.22 U	NORMAL
E-SB-1513-2-4	E-SB-1513	2	4	20160302	26 U	0 U	21 U	310	29 U	14 U	NORMAL
E-SB-1513-4-6	E-SB-1513	4	6	20160302	0.44 U	0 U	0.32 J	86	0.24 U	0.25 U	NORMAL
E-SB-1514-2-4	E-SB-1514	2	4	20160302	96 U	0 U	140 J	120 U	110 U	51 U	NORMAL
E-SB-1514-4-6	E-SB-1514	4	6	20160302	0.5 U	0 U	0.63 J	180 J	0.27 U	1.3 J	NORMAL
E-SB-1515-2-4	E-SB-1515	2	4	20160302	0.51 U	0 U	2 J	400 J	0.27 U	2.1 J	NORMAL
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	31 U	0 U	25 U	520	34 U	16 U	NORMAL
E-SB-1515-4-6	E-SB-1515	4	6	20160302	31 U	0 U	25 U	780 J	34 U	17 U	NORMAL
E-SB-1516-3-4	E-SB-1516	3	4	20160302	26 U	0 U	48 J	740	28 U	14 U	NORMAL
E-SB-1516-4-6	E-SB-1516	4	6	20160302	0.44 U	0 U	15	160	0.23 U	0.7 J	NORMAL
E-SB-1517-3-4	E-SB-1517	3	4	20160302	0.49 U	0 U	0.29 U	1.5 J	0.26 U	0.27 U	NORMAL
E-SB-1517-4-6	E-SB-1517	4	6	20160302	0.44 U	0 U	0.26 U	0.49 J	0.24 U	0.24 U	NORMAL
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	NORMAL
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	NORMAL
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	NORMAL
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	NORMAL
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	NORMAL
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	NORMAL
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	NORMAL
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	NORMAL
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	NORMAL
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	NORMAL
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	NORMAL
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	NORMAL
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	NORMAL
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	NORMAL
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	NORMAL
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	NORMAL
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	NORMAL
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	NORMAL
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	NORMAL
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	NORMAL
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	NORMAL
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	NORMAL
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	NORMAL
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	NORMAL
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	NORMAL
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	NORMAL
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	NORMAL
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	NORMAL
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	NORMAL
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	NORMAL
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	NORMAL
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	NORMAL
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	NORMAL
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	NORMAL
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	NORMAL
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	NORMAL
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	NORMAL
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	NORMAL
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	NORMAL
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	NORMAL
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	NORMAL
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	NORMAL
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	NORMAL
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	NORMAL
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	NORMAL
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	NORMAL
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	NORMAL
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	NORMAL

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A) ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A) ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	METALS (MG/KG)												
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PARAMETERS (%)
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U	0.55	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	0.012 U	0.018 J	0.012 U	2.3	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U	1.2	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U	0.5 J	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.32 J	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	0.012 U	0.012 U	0.012 U	0.39	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	0.012 U	0.012 U	0.012 U	0.4 J	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.81 J	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U	1.1 J	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.58 J	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.34 J	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U	0.38 J	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	0.011 J	1.1	0.011 U	24	--	--	--
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	0.06 U	5.2	0.06 U	97	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	0.011 U	0.031	0.011 U	1.5	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	0.011 U	0.035	0.011 U	1.7	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	0.012 U	0.016 J	0.012 U	0.96	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	0.011 U	0.011 J	0.011 U	1.1	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	0.012 U	0.012 U	0.012 U	0.89	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.49	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U	0.6	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.43	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	0.012 U	0.012 U	0.012 U	0.53	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.76	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U	0.75 J	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U	1.3 J	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U	1.3	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.96	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	0.012 U	0.012 U	0.012 U	0.94 J	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U	0.68 J	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	0.011 U	0.011 J	0.011 U	1.5 J	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	0.012 U	0.012 U	0.012 U	0.76	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U	1.1	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U	0.74 J	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.37 J	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U	1.1	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.97	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.39 J	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	0.012 U	0.012 U	0.012 U	0.71 J	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.81 J	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	0.012 U	0.014 J	0.012 U	1.7 J	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U	1 J	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	0.012 U	0.012 U	0.012 U	0.52	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.73 J	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	0.012 U	0.074	0.012 U	4.3	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.57	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.54	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)		MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)						PCBS (UG/KG)		
					FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254
					MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	F	MG/KG	MG/KG	S.U.	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	23 U	19 U	16 U
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	25 U	21 U	17 U
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	23 U	19 U	16 U
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	25 U	21 U	17 U
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	23 U	19 U	16 U
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	47000 U	40000 U	33000 U
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	25000 U	21000 U	17000 U
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	240 U	200 U	170 U
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	24000 U	21000 U	17000 U
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	130000 U	110000 U	91000 U
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	120 U	100 U	82 U
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	480 U	410 U	340 U
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	50000 U	42000 U	35000 U
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	230000 U	200000 U	160000 U
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	5000 U	4200 U	3500 U
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	480000 U	410000 U	340000 U
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	12000 U	9800 U	8100 U
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	25 U	21 U	17 U
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	46 U	39 U	32 U
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	240 U	200 U	170 U
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	23000 U	20000 U	16000 U
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	1200 U	1000 U	840 U
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	24 U	20 U	16 U
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	460000 U	390000 U	320000 U
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	1100000 U	960000 U	790000 U
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	230 U	200 U	160 U
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	24 U	20 U	16 U
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	24 U	21 U	17 U
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	51 U	43 U	35 U
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	120 U	100 U	83 U
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	24 U	21 U	17 U
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	PESTICIDES (UG/KG)						PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS	
					AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDE	ENDOSULFAN SULFATE	ENDRIN ALDEHYDE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1542-2-4	E-SB-1542	2	4	20170209	21 U	0 U	92.1	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	20 U	0 U	90.5	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	22 U	0 U	99.45	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	250	250	335.3	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	20 U	0 U	90.55	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	22 U	0 U	98.95	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	21 U	0 U	93.2	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	20 U	0 U	90.55	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	21 U	0 U	92.1	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	2200000 J	2200000	2367000	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	530000 J	530000	617400	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	7900	7900	8747.5	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	23 J	23	105.1	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	910000	910000	995850	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	7500000	7500000	7961500	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	480	480	565.3	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	4400	4400	4816.5	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	16000	16000	17705	--	--	--	--	--	--	--	--	--	--
E-SB-1546-4-6	E-SB-1546	4	6	20170109	1700000	1700000	1877000	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	1.3E+07	1.3E+07	1.4E+07	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	130000	130000	147700	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	3.7E+07	3.7E+07	3.9E+07	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	480000	480000	521350	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	1100	1100	1188.5	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	1900	1900	2064	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	620	620	704.75	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	5900	5900	6742	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	320000	320000	402650	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	31000	31000	35240	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	200	200	282.7	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	110	110	192.7	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	22 J	22	105.7	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	21 U	0 U	94.75	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	22 U	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	21 U	0 U	92.1	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	21 U	0 U	95.25	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	21 U	0 U	95.25	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	430	430	512.65	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	3.1E+07	3.1E+07	3.3E+07	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	2.7E+07	2.7E+07	3.1E+07	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	19000	19000	19826.5	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	880	880	965.3	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	94	94	177.7	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	21 U	0 U	94.7	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	21 U	0 U	93.2	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	22 U	0 U	96.85	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	800	800	884.75	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	130	130	214.75	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	21 U	0 U	92.1	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	2000	2000	2179.5	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	3600	3600	4023	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	22 U	0 U	96.85	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	(UG/KG) ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	10000	10000	10000	NA	NA	NA	NA	NA	NA	NA
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)				
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE		RADIONUCLIDES (PCI/G)												
					URANIUM-238	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIOCHEMISTRY BY ALPHA	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	0.195	0.318 J
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	0.343	0.854 J
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	0.695	0.856 J
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	1.36	0.934 J
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	0.616	0.707 J
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	0.871	0.629 J
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	1.16	1.04 J
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	1.02	0.919 J
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	0.934	0.825 J
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	0.521	0.548 J
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	1.14	0.778 J
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	1.15	0.79 J
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	1.1	0.985 J
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	0.993	0.926 J
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	1.48	1.18
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	1.54	0.951 J
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	0.389	0.705
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	0.291	0.646 J
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	1.04	0.819
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	1.14	0.609
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	0.845	0.745
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	1.05	0.75
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	1.13	0.804
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	1.2	0.712
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	0.919	0.644
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	1.02	0.971
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	0.961	1.16 J
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	1.43	0.869 UJ
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	1.57	0.98 J
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	0.943	0.685 UJ
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	1.14	0.857 UJ
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	1.54	0.944
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	0.866	0.922
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	0.463	0.505
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	0.505	0.358
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	1.13	0.833
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	1.22	0.932
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	0.476 J	0.473 J
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	1.01	0.872
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	0.745	0.729
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	0.72	1.02 J
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	1.52	1.02
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	0.854	0.876
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	0.942	0.639
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	0.836	0.665
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	1.12	0.665
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	0.944	0.778
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									SEMIVOLATILES (UG/KG)				
					THORIUM-232	THORIUM-234	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	2-METHYLNAPHTHALENE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	0.269	--	--	0.837 U	0.00953 U	--	-0.0027 U	0.183	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	0.521	--	--	2.78 U	0.0393	--	0.00324 U	0.783	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	0.658	--	--	1.28 U	0.0198 U	--	0.00444 U	0.391	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	1.32	--	--	-0.0191 U	0.00816 U	--	-0.0074 U	0.168 J	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	0.83	--	--	-0.151 U	0.0056 U	--	-0.0039 U	0.109 J	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	0.917	--	--	0.405 U	0.00646 U	--	0.00593 U	0.13	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	1.26	--	--	-0.355 U	0.00624 U	--	0.00211 U	0.133 J	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	1.07	--	--	-0.279 U	0.0135 U	--	-0.0018 U	0.272 J	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	0.799	--	--	0.175 U	0.0221 U	--	0.00472 U	0.365 J	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	0.559	--	--	0.361 U	0.0118 U	--	-0.0015 U	0.195 J	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	1.2	--	--	-0.497 U	0.00607 U	--	-0.0022 U	0.115 J	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	1.3	--	--	0.286 U	0.00628 U	--	-0.0026 U	0.128 J	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	0.949	--	--	71.2	2.34	--	0.195	7.97	--	--	--	--	--
E-SB-1546-4-6	E-SB-1546	4	6	20170109	0.945	--	--	362	11.3	--	1.06	32.4	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	1.03	--	--	2.05 U	0.0672	--	0.013 U	0.497	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	1.49	--	--	1.53 U	0.0753	--	0.00987 U	0.587	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	0.317	--	--	2.17 U	0.0347	--	0.00907 U	0.322	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	0.48	--	--	2.61 U	0.0242	--	0.00812 U	0.358	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	1.08	--	--	0.933 U	0.0146 U	--	0.0021 U	0.298	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	0.764	--	--	0.432 U	0.00838 U	--	-0.0057 U	0.166	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	0.944	--	--	0.9 U	0.011 U	--	0.00175 U	0.202	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	0.688	--	--	0.942 U	0.00741 U	--	-7E-05 U	0.145	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	1.06	--	--	1.3 U	0.00926 U	--	-0.0007 U	0.177	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	1.06	--	--	1.19 U	0.0134 U	--	-0.0043 U	0.256	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	0.891	--	--	-0.408 U	0.0126 U	--	-0.009 U	0.251 J	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	0.938	--	--	0.406 U	0.0213 U	--	-0.0122 U	0.431 J	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	1.13	--	--	-0.872 U	0.0219 U	--	-0.0167 U	0.451	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	1.36	--	--	0.312 U	0.0156 U	--	-0.0093 U	0.323	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	1.27	--	--	0.273 U	0.0163 U	--	-0.0051 U	0.316 J	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	0.983	--	--	0.743 U	0.0118 U	--	0.00251 U	0.23 J	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	1.2	--	--	0.455 U	0.0247	--	0.0016 U	0.513 J	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	1.51	--	--	-0.608 U	0.0129 U	--	-0.0078 U	0.255	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	0.958	--	--	-0.872 U	0.0176 U	--	-0.0107 U	0.37	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	0.469	--	--	-0.2 U	0.0138 U	--	-0.0026 U	0.249	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	0.373	--	--	-0.291 U	0.00575 U	--	0.00454 U	0.124 J	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	1.13	--	--	0.226 U	0.0186 U	--	-0.0082 U	0.37	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	1.2	--	--	-0.696 U	0.0159 U	--	-0.0067 U	0.326	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	0.572 J	--	--	0.174 U	0.00674 U	--	-0.0117 U	0.13 J	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	0.88	--	--	0.0507 U	0.0121 U	--	-0.0051 U	0.239 J	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	0.803	--	--	0.598 U	0.014 U	--	-0.0056 U	0.273 J	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	0.692	--	--	0.26 U	0.0294	--	-0.0069 U	0.579	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	1.22	--	--	0.45 U	0.0168 U	--	-0.0103 U	0.344 J	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	0.865	--	--	-0.232 U	0.0101 U	--	0.00557 U	0.174	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	1.08	--	--	-0.126 U	0.0118 U	--	-0.0079 U	0.246 J	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	0.799	--	--	4.87 U	0.16	--	0.0111 U	1.44	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	0.949	--	--	0.302 U	0.00983 U	--	-0.0089 U	0.193	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	1.26	--	--	1.33 U	0.0114 U	--	-0.0024 U	0.182	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE	DIBENZOFURAN	DI-N-BUTYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TCLP METALS (MG/L)							TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)					
					ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	4.8 NJ	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS-	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	69 NJ	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	26 NJ	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	12 NJ	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	310 NJ

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	2.3 NJ	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	300 NJ	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	290 NJ	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	210 NJ	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			VOLATILES (UG/KG)											
					UNKNOWN [2.17]	UNKNOWN [3.57]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	530000	NA	NA	NA	NA	NA
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	0.35 U	0.23 U	0.38 U	0.25 U	0.071 U	0.17 U	0.18 U	0.16 U	0.21 U	0.21 U	0.25 U
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	15 NJ	0.41 U	0.27 U	0.45 U	0.29 U	0.083 U	0.2 U	0.21 U	0.18 U	0.24 U	0.24 U	0.29 U
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	0.36 U	0.24 U	0.4 U	0.26 U	0.073 U	0.18 U	0.18 U	0.16 U	0.21 U	0.21 U	0.26 U
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	0.36 U	0.24 U	0.4 U	0.26 U	0.074 U	0.18 U	0.18 U	0.16 U	0.21 U	0.21 U	0.26 U
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	0.34 U	0.23 U	0.38 U	0.25 U	0.07 U	0.17 U	0.18 U	0.15 U	0.2 U	0.2 U	0.25 U
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	0.35 U	0.24 U	0.39 U	0.25 U	0.072 U	0.17 U	0.18 U	0.16 U	0.21 U	0.21 U	0.25 U
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	21 U	28 U	32 U	29 U	12 U	23 U	17 U	16 U	27 U	34 U	24 U
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	20 U	27 U	32 U	28 U	11 U	23 U	17 U	16 U	26 U	34 U	24 U
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	21 U	29 U	33 U	29 U	12 U	24 U	17 U	17 U	28 U	35 U	25 U
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	19 U	26 U	30 U	26 U	11 U	22 U	16 U	15 U	25 U	31 U	22 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	BENZENE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	DICHLORODIFLUORO METHANE	ETHYLBENZENE	HEXANE	ISOPROPYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	0.9 U	0.13 U	2.2 UJ	0.23 U	0.15 U	0.18 U	0.23 U	0.16 U	0.2 U	0.25 U	0.19 U	--	0.14 U
E-SB-1572-4-6	E-SB-1572	4	6	20170201	1.1 U	0.15 U	5.4 U	0.27 U	0.17 U	0.21 U	0.27 U	0.19 U	0.29 U	0.29 U	0.22 U	--	0.17 U
E-SB-1572-6-8	E-SB-1572	6	8	20170201	0.93 U	0.13 U	5.1 U	0.23 U	0.15 U	0.18 U	0.24 U	0.17 U	0.22 U	0.26 U	0.2 U	--	0.15 U
E-SB-1573-2-4	E-SB-1573	2	4	20170202	1.2 J	0.13 U	19 U	0.24 U	0.15 U	0.18 U	0.24 U	0.17 U	0.31 U	0.26 U	0.2 U	--	0.15 U
E-SB-1573-4-6	E-SB-1573	4	6	20170202	3.9 J	0.13 U	33 U	0.22 U	0.31 J	0.18 U	0.23 U	0.16 U	0.37 U	0.25 U	0.19 U	--	0.14 U
E-SB-1573-6-8	E-SB-1573	6	8	20170202	0.91 U	0.13 U	2.2 J	0.23 U	0.15 U	0.18 U	0.24 U	0.16 U	0.3 J	0.25 U	0.19 U	--	0.14 U
E-SB-1574-2-4	E-SB-1574	2	4	20170202	45 UJ	21 U	87 UJ	22 U	16 U	24 U	27 U	22 U	59 J	20 U	31 U	--	31 U
E-SB-1574-4-6	E-SB-1574	4	6	20170202	44 UJ	20 U	86 UJ	21 U	16 U	24 U	26 U	21 U	130 J	19 U	31 U	--	30 U
E-SB-1574-6-8	E-SB-1574	6	8	20170202	46 UJ	21 U	89 UJ	22 U	17 U	25 U	28 U	22 U	87 J	20 U	32 U	--	31 U
E-SB-1575-2-4	E-SB-1575	2	4	20170202	41 UJ	19 U	80 UJ	20 U	15 U	22 U	25 U	20 U	29 U	18 U	29 U	--	28 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	0.28 U	--	0.17 UJ	0.23 U	0.18 U	0.2 U	0.16 U	0.13 U	0.19 U	0.15 U	1.7 U	0.26 U	0.24 U
E-SB-1572-4-6	E-SB-1572	4	6	20170201	0.44 J	--	1.5 U	0.27 U	0.21 U	0.23 U	0.18 U	0.16 U	0.22 U	0.17 U	2.7 J	0.31 U	0.28 U
E-SB-1572-6-8	E-SB-1572	6	8	20170201	0.29 U	--	0.18 UJ	0.24 U	0.18 U	0.21 U	0.16 U	0.14 U	0.2 U	0.15 U	1.7 U	0.27 U	0.25 U
E-SB-1573-2-4	E-SB-1573	2	4	20170202	0.29 U	--	0.18 UJ	0.24 U	0.18 U	0.21 U	0.16 U	0.14 U	0.2 U	0.15 U	1.8 U	0.27 U	0.25 U
E-SB-1573-4-6	E-SB-1573	4	6	20170202	0.28 U	--	0.29 U	0.23 U	0.18 U	0.2 U	0.15 U	0.13 U	0.19 U	0.15 U	1.7 U	0.26 U	0.24 U
E-SB-1573-6-8	E-SB-1573	6	8	20170202	0.29 U	--	0.34 U	0.24 U	0.18 U	0.2 U	0.16 U	0.14 U	0.19 U	0.15 U	1.7 U	0.27 U	0.24 U
E-SB-1574-2-4	E-SB-1574	2	4	20170202	25 U	--	58 U	18 U	27 U	31 U	27 U	22 U	9 U	25 U	320 U	19 U	22 U
E-SB-1574-4-6	E-SB-1574	4	6	20170202	25 U	--	57 U	18 U	26 U	31 U	26 U	21 U	8.8 U	25 U	320 U	19 U	21 U
E-SB-1574-6-8	E-SB-1574	6	8	20170202	26 U	--	60 U	18 U	28 U	32 U	28 U	22 U	9.2 U	26 U	330 U	19 U	22 U
E-SB-1575-2-4	E-SB-1575	2	4	20170202	23 U	--	54 U	17 U	25 U	29 U	25 U	20 U	8.3 U	23 U	300 U	17 U	20 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUORO-METHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	3900	NA	NA	
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	NORMAL
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	NORMAL
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	NORMAL
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	NORMAL
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	NORMAL
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	NORMAL
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	NORMAL
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	NORMAL
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	NORMAL
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	NORMAL
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	NORMAL
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	NORMAL
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	NORMAL
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	NORMAL
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	NORMAL
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	NORMAL
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	NORMAL
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	NORMAL
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	NORMAL
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	NORMAL
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	NORMAL
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	NORMAL
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	NORMAL
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	NORMAL
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	NORMAL
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	NORMAL
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	NORMAL
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	NORMAL
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	NORMAL
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	NORMAL
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	NORMAL
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	NORMAL
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	NORMAL
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	NORMAL
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	NORMAL
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	NORMAL
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	NORMAL
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	NORMAL
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	NORMAL
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	NORMAL
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	NORMAL
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	NORMAL
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	NORMAL
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	NORMAL
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	NORMAL
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	NORMAL
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	NORMAL
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	NORMAL
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	NORMAL
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	NORMAL
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	NORMAL
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	NORMAL
E-SB-1572-2-4	E-SB-1572	2	4	20170201	0.28 U	--	0.27 U	0.32 J	0.17 UJ	0.2 U	NORMAL
E-SB-1572-4-6	E-SB-1572	4	6	20170201	0.44 J	--	0.32 U	0.5 J	0.2 UJ	0.23 U	NORMAL
E-SB-1572-6-8	E-SB-1572	6	8	20170201	0.29 U	--	0.28 U	0.3 U	0.18 UJ	0.21 U	NORMAL
E-SB-1573-2-4	E-SB-1573	2	4	20170202	0.29 U	--	0.28 U	1.8 J	0.18 UJ	0.21 U	NORMAL
E-SB-1573-4-6	E-SB-1573	4	6	20170202	0.28 U	--	0.27 U	2.9 J	0.17 UJ	0.2 U	NORMAL
E-SB-1573-6-8	E-SB-1573	6	8	20170202	0.29 U	--	0.27 U	7.1	0.17 U	0.2 U	NORMAL
E-SB-1574-2-4	E-SB-1574	2	4	20170202	25 U	--	31 U	330	31 U	15 U	NORMAL
E-SB-1574-4-6	E-SB-1574	4	6	20170202	25 U	--	31 U	1000	30 U	15 U	NORMAL
E-SB-1574-6-8	E-SB-1574	6	8	20170202	26 U	--	32 U	1700	31 U	16 U	NORMAL
E-SB-1575-2-4	E-SB-1575	2	4	20170202	23 U	--	29 U	31 U	28 U	14 U	NORMAL

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A) ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A) ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	METALS (MG/KG)												
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PARAMETERS (%)
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)		MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)						PCBS (UG/KG)		
					FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254
					MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	F	MG/KG	MG/KG	S.U.	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	12000 U	9900 U	8100 U
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	23000 U	19000 U	16000 U
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	4500 U	3800 U	3100 U
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	23 U	19 U	16 U
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	240 U	210 U	170 U
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	11000 U	9600 U	7900 U
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	22 U	19 U	16 U
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	230 U	190 U	160 U
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	45000 U	39000 U	32000 U
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	22000 U	19000 U	16000 U
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	22 U	19 U	16 U
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	12000 U	10000 U	8500 U
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	22 U	19 U	16 U
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	230 U	200 U	160 U
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	12000 U	10000 U	8300 U
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	1200 U	990 U	810 U
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	23 U	19 U	16 U
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	23 U	19 U	16 U
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	23 U	19 U	16 U
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	24 U	21 U	17 U
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	110 U	96 U	79 U
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	110 U	97 U	80 U
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	47 U	40 U	33 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND
PAGE 165 OF 400

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	PESTICIDES (UG/KG)						PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS	
					AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDE	ENDOSULFAN SULFATE	ENDRIN ALDEHYDE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	300 J	300	384.25	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	500	500	581.6	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	170000	170000	211500	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	1300000	1300000	1380500	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	130000	130000	145850	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	50 J	50	130.55	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	21 U	0 U	92.6	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	21 U	0 U	94.7	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	7900	7900	8758.5	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	410000	410000	450000	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	20 U	0 U	89.5	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	12000	12000	12811	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	2700000	2700000	2860500	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	890	890	972.1	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	620000 J	620000	699450	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	260	260	339.45	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	580	580	664.2	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	200000	200000	243050	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	110	110	191.6	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	170	170	251.6	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	28 J	28	107.45	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	21 U	0 U	95.25	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	7700	7700	8526.5	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	370000	370000	412200	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	48000	48000	52145	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	44 J	44	125.6	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	1300	1300	1380.55	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	21 U	0 U	91.05	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	34 J	34	116.65	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	54 J	54	134.55	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	22 U	0 U	96.85	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	2700	2700	3100.5	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	2800	2800	3202	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	1200	1200	1366.5	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	(UG/KG) ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	10000	10000	10000	NA	NA	NA	NA	NA	NA	NA
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)				
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE		RADIONUCLIDES (PCI/G)												
					URANIUM-238	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIOCHEMISTRY BY ALPHA	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									SEMIVOLATILES (UG/KG)				
					THORIUM-232	THORIUM-234	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	2-METHYLNAPHTHALENE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE	DIBENZOFURAN	DI-N-BUTYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TCLP METALS (MG/L)							TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)					
					ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	120 NJ	--	110 NJ	--	--	71 NJ
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	110 NJ	--	86 NJ	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	17 NJ	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	140 NJ	--	75 NJ	--	86 NJ	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	540 NJ
E-SB-1581-6-8	E-SB-1581	6	8	20170203	110 NJ	--	--	83 NJ	--	--	--	--	--	--	--	80 NJ	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	160 NJ	--	--	130 NJ	--	--	--	130 NJ
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	3.1 NJ	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS-	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	14 NJ	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	320 NJ
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	11 NJ	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	15 NJ	--	--	--	--	--	--
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	11 NJ	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	45 NJ	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	78 NJ	--	--	--	--	--	120 NJ	--	--	110 NJ	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	590 NJ	470 NJ	--	--	--	440 NJ	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	110 NJ	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	150 NJ	--	--	--	--	--	--	--	--	150 NJ	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	38 NJ	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	43 NJ	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	7.5 NJ	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	540 NJ	580 NJ	--	670 NJ	560 NJ
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	100 NJ	84 NJ	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	150 NJ	--	--	--	140 NJ	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	250 NJ
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	81 NJ	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	690 NJ	560 NJ	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	100 NJ	--	--	--	--	--	79 NJ	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	95 NJ	--	--	--	--	--	--	150 NJ	--	120 NJ	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	2.2 NJ	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			VOLATILES (UG/KG)										
					UNKNOWN [2.17]	UNKNOWN [3.57]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	530000	NA	NA	NA	NA	NA
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	0.36 U	0.24 U	0.39 U	0.26 U	0.073 U	0.18 U	0.18 U	0.16 U	0.21 U	0.21 U	0.26 U
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	0.35 U	0.23 U	0.38 U	0.25 U	0.071 U	0.17 U	0.18 U	0.16 U	0.2 U	0.2 U	0.25 U
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	0.38 U	0.26 U	0.42 U	0.27 U	0.078 U	0.19 U	0.2 U	0.17 U	0.23 U	0.23 U	0.27 U
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	0.37 U	0.25 U	0.4 U	0.26 U	0.075 U	0.18 U	0.19 U	0.16 U	0.22 U	0.22 U	0.26 U
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	0.37 U	0.25 U	0.41 U	0.27 U	0.076 U	0.18 U	0.19 U	0.17 U	0.22 U	0.22 U	0.27 U
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	20 U	27 U	31 U	28 U	11 U	23 U	17 U	16 U	26 U	33 U	24 U
E-SB-1577-4-6	E-SB-1577	4	6	20170202	330 NJ	--	20 U	27 U	31 U	28 U	11 U	23 U	17 U	16 U	26 U	33 U	23 U
E-SB-1577-6-8	E-SB-1577	6	8	20170202	220 NJ	--	20 U	26 U	31 U	27 U	11 U	22 U	16 U	15 U	25 U	32 U	23 U
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	0.34 U	0.23 U	0.37 U	0.24 U	0.069 U	0.17 U	0.17 U	0.15 U	0.2 U	0.2 U	0.24 U
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	0.35 U	0.24 U	0.39 U	0.25 U	0.072 U	0.17 U	0.18 U	0.16 U	0.21 U	0.21 U	0.25 U
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	7.9 NJ	0.34 U	0.23 U	0.38 U	0.25 U	0.07 U	0.17 U	0.18 U	0.15 U	0.2 U	0.2 U	0.25 U
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	0.38 U	0.26 U	0.42 U	0.27 U	0.077 U	0.19 U	0.19 U	0.17 U	0.22 U	0.22 U	0.27 U
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	0.34 U	0.23 U	0.38 U	0.25 U	0.07 U	0.17 U	0.18 U	0.15 U	0.2 U	0.2 U	0.25 U
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	0.36 U	0.24 U	0.4 U	0.26 U	0.074 U	0.18 U	0.18 U	0.16 U	0.21 U	0.21 U	0.26 U
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	0.42 U	0.29 U	0.47 U	0.3 U	0.086 U	0.21 U	0.22 U	0.19 U	0.25 U	0.25 U	0.3 U
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	0.34 U	0.23 U	0.38 U	0.25 U	0.07 U	0.17 U	0.18 U	0.15 U	0.2 U	0.2 U	0.25 U
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	0.34 U	0.23 U	0.38 U	0.24 U	0.069 U	0.17 U	0.17 U	0.15 U	0.2 U	0.2 U	0.24 U
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	0.37 U	0.25 U	0.41 U	0.26 U	0.075 U	0.18 U	0.19 U	0.17 U	0.22 U	0.98 J	1.9 J
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	0.36 U	0.24 U	0.4 U	0.26 U	0.074 U	0.18 U	0.19 U	0.16 U	0.21 U	5.5	10
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	0.44 U	0.3 U	0.49 U	0.32 U	0.091 U	0.22 U	0.23 U	0.2 U	0.26 U	5	10
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	0.38 U	0.25 U	0.42 U	0.27 U	0.077 U	0.19 U	0.19 U	0.17 U	0.22 U	3.4 J	6.9
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	0.35 U	0.23 U	0.38 U	0.25 U	0.071 U	0.17 U	0.18 U	0.16 U	0.21 U	0.21 U	0.25 U
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	0.34 U	0.23 U	0.37 U	0.24 U	0.069 U	0.17 U	0.17 U	0.15 U	0.2 U	0.2 U	0.24 U
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	0.36 U	0.24 U	0.4 U	0.26 U	0.074 U	0.18 U	0.18 U	0.16 U	0.21 U	0.21 U	0.26 U
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	0.34 U	0.23 U	0.37 U	0.24 U	0.068 U	0.16 U	0.17 U	0.15 U	0.2 U	0.2 U	0.24 U
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	0.33 U	0.22 U	0.36 U	0.23 U	0.066 U	0.16 U	0.17 U	0.15 U	0.19 U	0.19 U	0.23 U
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	0.35 U	0.24 U	0.39 U	0.25 U	0.072 U	0.17 U	0.18 U	0.16 U	0.21 U	0.21 U	0.25 U
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	BENZENE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	DICHLORODIFLUOROMETHANE	ETHYLBENZENE	HEXANE	ISOPROPYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1575-4-6	E-SB-1575	4	6	20170202	0.93 U	0.13 U	6.1 U	0.23 U	0.15 U	0.18 U	0.24 U	0.17 U	0.2 U	0.26 U	0.2 U	--	0.15 U
E-SB-1575-6-8	E-SB-1575	6	8	20170202	0.9 U	0.13 U	7.5 U	0.23 U	0.15 U	0.18 U	0.23 U	0.16 U	0.2 U	0.25 U	0.19 U	--	0.14 U
E-SB-1576-2-4	E-SB-1576	2	4	20170202	0.99 U	0.14 U	3.8 U	0.25 U	0.16 U	0.2 U	0.26 U	0.18 U	0.22 U	0.27 U	0.21 U	--	0.16 U
E-SB-1576-4-6	E-SB-1576	4	6	20170202	0.95 U	0.13 U	5.1 U	0.24 U	0.16 U	0.19 U	0.25 U	0.17 U	0.21 U	0.26 U	0.2 U	--	0.15 U
E-SB-1576-6-8	E-SB-1576	6	8	20170202	0.96 U	0.14 U	2.3 UJ	0.24 U	0.16 U	0.19 U	0.25 U	0.17 U	0.24 U	0.27 U	0.2 U	--	0.15 U
E-SB-1577-2-4	E-SB-1577	2	4	20170202	44 UJ	20 U	85 UJ	21 U	16 U	24 UJ	26 U	21 U	31 U	19 U	31 U	--	30 U
E-SB-1577-4-6	E-SB-1577	4	6	20170202	44 UJ	20 U	84 UJ	21 U	16 U	23 UJ	26 U	21 U	30 U	19 U	30 U	--	30 U
E-SB-1577-6-8	E-SB-1577	6	8	20170202	42 UJ	20 U	82 UJ	20 U	15 U	23 UJ	25 U	20 U	30 U	19 U	30 U	--	29 U
E-SB-1578-2-4	E-SB-1578	2	4	20170202	0.88 U	0.12 U	6.2 U	0.22 U	0.15 U	0.17 U	0.23 U	0.16 U	0.38 U	0.24 U	0.19 U	--	0.14 U
E-SB-1578-4-6	E-SB-1578	4	6	20170202	0.91 U	0.13 U	2.2 UJ	0.23 U	0.15 U	0.18 U	0.24 U	0.16 U	0.2 U	0.25 U	0.19 U	--	0.14 U
E-SB-1578-6-8	E-SB-1578	6	8	20170202	0.89 U	0.13 U	8.5 U	0.23 U	0.15 U	0.18 U	0.23 U	0.16 U	0.22 U	0.25 U	0.19 U	--	0.14 U
E-SB-1579-2-4	E-SB-1579	2	4	20170203	0.98 U	0.14 U	2.4 UJ	0.25 U	0.16 U	0.19 U	0.26 U	0.18 U	0.22 U	0.27 U	0.21 U	--	0.15 U
E-SB-1579-4-6	E-SB-1579	4	6	20170203	0.89 U	0.13 U	6.9 J	0.22 U	0.15 U	0.18 U	0.23 U	0.16 U	0.2 U	0.25 U	0.19 U	--	0.14 U
E-SB-1579-6-8	E-SB-1579	6	8	20170203	0.93 U	0.13 U	2.3 UJ	0.24 U	0.15 U	0.18 U	0.24 U	0.17 U	0.21 U	0.26 U	0.2 U	--	0.15 U
E-SB-1580-2-4	E-SB-1580	2	4	20170203	1.1 U	0.16 U	2.6 UJ	0.28 U	0.18 U	0.22 U	0.29 U	0.2 U	0.24 U	0.3 U	0.23 U	--	0.17 U
E-SB-1580-4-6	E-SB-1580	4	6	20170203	0.89 U	0.13 U	2.1 UJ	0.22 U	0.15 U	0.18 U	0.23 U	0.16 J	0.2 U	0.25 U	0.19 U	--	0.14 U
E-SB-1580-6-8	E-SB-1580	6	8	20170203	0.88 U	0.13 U	2.1 UJ	0.22 U	0.15 U	0.17 U	0.23 U	0.2 J	0.78 J	0.24 U	0.19 U	--	0.14 U
E-SB-1581-2-4	E-SB-1581	2	4	20170203	0.95 U	0.14 U	14 J	0.24 U	0.5 J	0.19 U	0.25 U	0.19 J	0.21 U	0.26 U	0.2 U	--	0.15 U
E-SB-1581-4-6	E-SB-1581	4	6	20170203	3.2 J	0.13 U	22 J	0.24 U	0.8 J	0.19 U	0.24 U	0.17 U	0.21 U	0.26 U	0.2 U	--	0.15 U
E-SB-1581-6-8	E-SB-1581	6	8	20170203	3.8 J	0.16 U	38 J	0.29 U	1.3 J	0.23 U	0.3 U	0.21 U	0.25 U	0.32 U	0.42 J	--	0.69 J
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	3.1 J	0.14 U	31 J	0.25 U	3.3 J	0.19 U	0.25 U	0.18 U	0.22 U	0.27 U	0.24 J	--	0.63 J
E-SB-1582-2-4	E-SB-1582	2	4	20170206	0.9 U	0.13 U	14 U	0.23 U	0.15 U	0.18 U	0.23 U	0.16 U	0.2 U	0.25 U	0.19 U	--	0.14 U
E-SB-1582-4-6	E-SB-1582	4	6	20170206	0.88 U	0.12 U	6.5 U	0.22 U	0.15 U	0.17 U	0.23 U	0.16 U	0.19 U	0.24 U	0.19 U	--	0.14 U
E-SB-1582-6-8	E-SB-1582	6	8	20170206	0.94 U	0.13 U	3.5 U	0.24 U	0.16 U	0.18 U	0.24 U	0.17 U	0.21 U	0.26 U	0.2 U	--	0.15 U
E-SB-1583-2-4	E-SB-1583	2	4	20170206	0.87 U	0.12 U	2.1 U	0.22 U	0.14 U	0.17 U	0.23 U	0.16 U	0.19 U	0.24 U	0.18 U	--	0.14 U
E-SB-1583-4-6	E-SB-1583	4	6	20170206	0.92 J	0.12 U	17 U	0.21 U	0.14 U	0.17 U	0.22 U	0.15 U	0.19 U	0.23 U	0.18 U	--	0.13 U
E-SB-1583-6-8	E-SB-1583	6	8	20170206	0.92 UJ	0.13 U	12 J	0.23 U	0.15 U	0.18 U	0.24 U	0.17 U	0.2 U	0.25 U	0.2 U	--	0.14 U
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1575-4-6	E-SB-1575	4	6	20170202	0.29 U	--	0.18 UJ	0.24 U	0.18 U	0.2 U	0.16 U	0.14 U	0.2 U	0.15 U	1.7 U	0.27 U	0.25 U
E-SB-1575-6-8	E-SB-1575	6	8	20170202	0.28 U	--	0.17 UJ	0.23 U	0.18 U	0.2 U	0.16 U	0.13 U	0.19 U	0.15 U	1.7 U	0.26 U	0.24 U
E-SB-1576-2-4	E-SB-1576	2	4	20170202	0.31 U	--	0.19 UJ	0.26 U	0.2 U	0.22 U	0.17 U	0.15 U	0.21 U	0.16 U	1.9 U	0.29 U	0.27 U
E-SB-1576-4-6	E-SB-1576	4	6	20170202	0.3 U	--	0.18 UJ	0.25 U	0.19 U	0.21 U	0.16 U	0.14 U	0.2 U	0.16 U	1.8 U	0.28 U	0.25 U
E-SB-1576-6-8	E-SB-1576	6	8	20170202	0.3 U	--	0.18 UJ	0.25 U	0.19 U	0.21 U	0.17 U	0.14 U	0.2 U	0.16 U	1.8 U	0.28 U	0.26 U
E-SB-1577-2-4	E-SB-1577	2	4	20170202	24 U	--	57 U	17 U	26 U	31 U	26 U	21 U	8.7 U	24 U	320 U	18 U	21 U
E-SB-1577-4-6	E-SB-1577	4	6	20170202	24 U	--	57 U	17 U	26 U	30 U	26 U	21 U	8.7 U	24 U	310 U	18 U	21 U
E-SB-1577-6-8	E-SB-1577	6	8	20170202	24 U	--	55 U	17 U	25 U	30 U	25 U	20 U	8.5 U	24 U	310 U	18 U	20 U
E-SB-1578-2-4	E-SB-1578	2	4	20170202	0.28 U	--	0.9 U	0.23 U	0.17 U	0.19 U	0.15 U	0.13 U	0.19 U	0.15 U	1.6 U	0.26 U	0.24 U
E-SB-1578-4-6	E-SB-1578	4	6	20170202	0.29 U	--	0.17 UJ	0.24 U	0.18 U	0.2 U	0.16 U	0.14 U	0.19 U	0.15 U	1.7 U	0.26 U	0.24 U
E-SB-1578-6-8	E-SB-1578	6	8	20170202	0.28 U	--	1.4 U	0.23 U	0.18 U	0.2 U	0.15 U	0.13 U	0.19 U	0.15 U	1.7 U	0.26 U	0.24 U
E-SB-1579-2-4	E-SB-1579	2	4	20170203	0.31 U	--	2.8 U	0.26 U	0.19 U	0.22 U	0.17 U	0.15 U	0.21 U	0.16 U	1.8 U	0.29 U	0.26 U
E-SB-1579-4-6	E-SB-1579	4	6	20170203	0.28 U	--	3.4 U	0.23 U	0.18 U	0.2 U	0.15 U	0.13 U	0.19 U	0.15 U	1.7 U	0.26 U	0.24 U
E-SB-1579-6-8	E-SB-1579	6	8	20170203	0.29 U	--	2.7 U	0.24 U	0.18 U	0.21 U	0.16 U	0.14 U	0.2 U	0.15 U	1.8 U	0.27 U	0.25 U
E-SB-1580-2-4	E-SB-1580	2	4	20170203	0.35 U	--	0.93 U	0.29 U	0.22 U	0.24 U	0.19 U	0.16 U	0.23 U	0.18 U	2.1 U	0.32 U	0.29 U
E-SB-1580-4-6	E-SB-1580	4	6	20170203	0.28 U	--	0.78 U	0.23 U	0.18 U	0.2 U	0.15 U	0.13 U	0.19 U	0.15 U	1.7 U	0.26 U	0.24 U
E-SB-1580-6-8	E-SB-1580	6	8	20170203	0.28 U	--	0.27 U	0.23 U	0.17 U	0.19 U	0.15 U	0.13 U	0.19 U	0.15 U	1.7 U	0.26 U	0.24 U
E-SB-1581-2-4	E-SB-1581	2	4	20170203	0.3 U	--	1.5 U	0.25 U	2 J	0.21 U	0.17 U	2.5 J	0.2 U	0.23 J	1.8 U	0.28 U	0.26 U
E-SB-1581-4-6	E-SB-1581	4	6	20170203	0.3 U	--	0.91 U	0.24 U	12	1.4 J	0.16 U	13	0.2 U	1.1 J	1.8 U	0.27 U	0.25 U
E-SB-1581-6-8	E-SB-1581	6	8	20170203	0.66 J	--	2.4 U	0.3 U	6	1.5 J	0.2 U	10	0.25 U	1.1 J	2.2 U	0.34 U	0.51 J
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	0.45 J	--	1.7 U	0.25 U	5.8	1 J	0.18 J	7.2	0.21 U	0.71 J	1.8 U	0.29 U	0.26 U
E-SB-1582-2-4	E-SB-1582	2	4	20170206	0.28 U	--	0.17 U	0.23 U	0.18 U	0.2 U	0.16 U	0.14 U	0.19 U	0.15 U	1.7 U	0.26 U	0.24 U
E-SB-1582-4-6	E-SB-1582	4	6	20170206	0.28 U	--	0.24 J	0.23 U	0.17 U	0.19 U	0.15 U	0.13 U	0.19 U	0.15 U	1.6 U	0.26 U	0.24 U
E-SB-1582-6-8	E-SB-1582	6	8	20170206	0.3 U	--	0.18 U	0.24 U	0.18 U	0.21 U	0.16 U	0.14 U	0.2 U	0.16 U	1.8 U	0.27 U	0.25 U
E-SB-1583-2-4	E-SB-1583	2	4	20170206	0.27 U	--	0.16 U	0.23 U	0.17 U	0.19 U	0.15 U	0.13 U	0.18 U	0.14 U	1.6 U	0.25 U	0.23 U
E-SB-1583-4-6	E-SB-1583	4	6	20170206	0.27 U	--	0.37 J	0.22 U	0.17 U	0.19 U	0.15 U	0.13 U	0.18 U	0.14 U	1.6 U	0.25 U	0.23 U
E-SB-1583-6-8	E-SB-1583	6	8	20170206	0.29 U	--	0.98 U	0.24 U	0.18 U	0.2 U	0.16 U	0.14 U	0.2 U	0.15 U	1.7 U	0.27 U	0.25 U
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUORO-METHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	3900	NA	NA	
E-SB-1575-4-6	E-SB-1575	4	6	20170202	0.29 U	--	0.28 U	0.3 U	0.18 UJ	0.2 U	NORMAL
E-SB-1575-6-8	E-SB-1575	6	8	20170202	0.28 U	--	0.27 U	0.29 U	0.17 UJ	0.2 U	NORMAL
E-SB-1576-2-4	E-SB-1576	2	4	20170202	0.31 U	--	0.3 U	0.32 U	0.19 UJ	0.22 U	NORMAL
E-SB-1576-4-6	E-SB-1576	4	6	20170202	0.3 U	--	0.28 U	0.31 U	0.18 UJ	0.21 U	NORMAL
E-SB-1576-6-8	E-SB-1576	6	8	20170202	0.3 U	--	0.29 U	1.1 J	0.18 UJ	0.21 U	NORMAL
E-SB-1577-2-4	E-SB-1577	2	4	20170202	24 U	--	31 U	290	30 U	15 U	NORMAL
E-SB-1577-4-6	E-SB-1577	4	6	20170202	24 U	--	30 U	32 U	30 U	15 U	NORMAL
E-SB-1577-6-8	E-SB-1577	6	8	20170202	24 U	--	30 U	600	29 U	14 U	NORMAL
E-SB-1578-2-4	E-SB-1578	2	4	20170202	0.28 U	--	0.26 U	5.3	0.17 UJ	0.19 U	NORMAL
E-SB-1578-4-6	E-SB-1578	4	6	20170202	0.29 U	--	0.27 U	0.93 J	0.17 UJ	0.2 U	NORMAL
E-SB-1578-6-8	E-SB-1578	6	8	20170202	0.28 U	--	0.27 U	0.75 J	0.17 UJ	0.2 U	NORMAL
E-SB-1579-2-4	E-SB-1579	2	4	20170203	0.31 U	--	0.29 U	0.59 J	0.19 U	0.22 U	NORMAL
E-SB-1579-4-6	E-SB-1579	4	6	20170203	0.28 U	--	0.27 U	0.3 J	0.17 U	0.2 U	NORMAL
E-SB-1579-6-8	E-SB-1579	6	8	20170203	0.29 U	--	0.28 U	1.6 J	0.18 U	0.21 U	NORMAL
E-SB-1580-2-4	E-SB-1580	2	4	20170203	0.35 U	--	0.33 U	0.86 J	0.21 U	0.24 U	NORMAL
E-SB-1580-4-6	E-SB-1580	4	6	20170203	0.28 U	--	0.27 U	0.96 J	0.17 U	0.2 U	NORMAL
E-SB-1580-6-8	E-SB-1580	6	8	20170203	0.28 U	--	0.26 U	35	0.17 U	0.19 U	NORMAL
E-SB-1581-2-4	E-SB-1581	2	4	20170203	0.3 U	--	0.29 U	0.31 U	0.18 U	0.21 U	NORMAL
E-SB-1581-4-6	E-SB-1581	4	6	20170203	0.3 U	--	0.28 U	0.53 J	0.18 U	0.21 U	NORMAL
E-SB-1581-6-8	E-SB-1581	6	8	20170203	0.66 J	--	0.34 U	0.37 U	0.22 U	0.25 U	NORMAL
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	0.63 J	--	0.29 U	0.32 U	0.19 U	0.22 U	NORMAL
E-SB-1582-2-4	E-SB-1582	2	4	20170206	0.28 U	--	0.27 U	0.29 U	0.17 U	0.2 U	NORMAL
E-SB-1582-4-6	E-SB-1582	4	6	20170206	0.28 U	--	0.26 U	0.28 U	0.17 U	0.19 U	NORMAL
E-SB-1582-6-8	E-SB-1582	6	8	20170206	0.3 U	--	0.28 U	0.3 U	0.18 U	0.21 U	NORMAL
E-SB-1583-2-4	E-SB-1583	2	4	20170206	0.27 U	--	0.26 U	0.28 U	0.16 U	0.19 U	NORMAL
E-SB-1583-4-6	E-SB-1583	4	6	20170206	0.27 U	--	0.25 U	0.27 U	0.16 U	0.19 U	NORMAL
E-SB-1583-6-8	E-SB-1583	6	8	20170206	0.29 U	--	0.28 U	0.3 U	0.17 U	0.2 U	NORMAL
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	NORMAL
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	NORMAL
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	NORMAL
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	NORMAL
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	NORMAL
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	NORMAL
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	NORMAL
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	NORMAL
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	NORMAL
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	NORMAL
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	NORMAL
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	NORMAL
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	NORMAL
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	NORMAL
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	NORMAL
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	NORMAL
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	NORMAL
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	NORMAL
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	NORMAL
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	NORMAL
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	NORMAL
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	NORMAL
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	NORMAL
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	NORMAL
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	NORMAL
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	NORMAL
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	NORMAL
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	NORMAL
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	NORMAL
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	NORMAL
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	NORMAL
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	NORMAL
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	NORMAL
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	NORMAL
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	NORMAL

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A) ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A) ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	METALS (MG/KG)												
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PARAMETERS (%)
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)		MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)						PCBS (UG/KG)		
					FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254
					MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	F	MG/KG	MG/KG	S.U.	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	480 U	410 U	340 U
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	25000 U	21000 U	17000 U
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	23 U	19 U	16 U
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	24 U	20 U	16 U
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	24 U	20 U	16 U
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	44 U	38 U	31 U
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	4600 U	3900 U	3200 U
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	25 U	21 U	17 U
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	24 U	20 U	16 U
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	25 U	22 U	18 U
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	23 U	19 U	16 U
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	23 U	19 U	16 U
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	23 U	19 U	16 U
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	23 U	19 U	16 U
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	2300 U	2000 U	1600 U
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	4600 U	3900 U	3200 U
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	25 U	21 U	17 U
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	13000 U	11000 U	9300 U
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	2400 U	2000 U	1700 U
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	11000 U	9700 U	8000 U
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	460 U	390 U	320 U
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	450 U	380 U	310 U
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	24 U	21 U	17 U
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	23 U	20 U	100 J
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	120 U	99 U	1700 J
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	220 U	190 U	5700 J
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	22 U	19 U	22 J
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	22 U	19 U	16 U
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	45000 U	39000 U	3500000 J
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	26 J
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	22 U	19 U	16 U
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	21 U	18 U	15 U
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE				PESTICIDES (UG/KG)			PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS	
					AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDE	ENDOSULFAN SULFATE	ENDRIN ALDEHYDE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1596-8-10	E-SB-1596	8	10	20170206	67	67	148.6	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	18000	18000	19710	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	380000	380000	468500	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	500	500	580.6	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	23 J	23	106.7	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	22 U	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1601-8-10	E-SB-1601	8	10	20170111	910	910	993.7	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	80	80	162.1	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	1800	1800	1957	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	300000	300000	316400	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	200	200	282.1	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	350	350	438.5	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	110	110	192.65	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	170	170	253.7	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	1300	1300	1384.2	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	73	73	155.65	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	23 J	23	105.1	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	45 J	45	134.5	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	21 U	0 U	93.2	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	21 U	0 U	91.05	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	21 U	0 U	91.05	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	21 U	0 U	93.2	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	21 U	0 U	94.75	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	21 U	0 U	94.7	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	21 U	0 U	92.6	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	21 U	0 U	91.05	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	20 U	0 U	90.5	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	52000 J	52000	60265	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	220000 J	220000	236200	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	28 J	28	109.6	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	22 U	0 U	98.95	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	120	120	204.2	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	340000	340000	386800	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	100000	100000	108530	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	21 U	0 U	94.75	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	29 J	29	111.65	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	330 J	330	414.25	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	240000	240000	280250	--	--	--	270	--	--	14 U	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	470	470	552.65	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	22000	22000	23640	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	31000	31000	32590	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	160	160	242.7	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	71	71	153.7	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	21 U	0 U	93.2	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	22 U	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	22 U	0 U	96.85	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	21 U	100	184.6	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	100 U	1700	2124.5	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	21 U	0 U	92.1	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	41 J	41	126.3	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	200 U	5700	6498.5	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	20 U	22	102.95	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	20 U	0 U	89.45	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	41000 U	3500000	3665000	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	21 U	26	110.1	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	21 U	0 U	93.2	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	20 U	0 U	89.45	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	19 U	0 U	84.2	--	--	--	--	--	--	--	--	--	--
E-SB-1722-2-3	E-SB-1722	2	3	20171112	69	69	153.75	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	(UG/KG) ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	10000	10000	10000	NA	NA	NA	NA	NA	NA	NA
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	28 J	2 U	52	145.47	143.62	--	130	110	140	52	75	170	3.7 U
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)				
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	360	41	57	4.7 U	290	270	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE		RADIONUCLIDES (PCI/G)												
					URANIUM-238	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIOCHEMISTRY BY ALPHA	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									SEMIVOLATILES (UG/KG)				
					THORIUM-232	THORIUM-234	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	2-METHYLNAPHTHALENE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	20 U	2.8 U	110 U	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	68 U	--	--	--	--	--	110 U	57 U	210 U	150 U
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE	DIBENZOFURAN	DI-N-BUTYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	3.7 U	85 U	--	--	--	--	--	41 U	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TCLP METALS (MG/L)							TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)					
					ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS-	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			VOLATILES (UG/KG)										
					UNKNOWN [2.17]	UNKNOWN [3.57]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	530000	NA	NA	NA	NA	NA
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	BENZENE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	DICHLORODIFLUORO METHANE	ETHYLBENZENE	HEXANE	ISOPROPYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUORO-METHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	3900	NA	NA	
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	NORMAL
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	NORMAL
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	NORMAL
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	NORMAL
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	NORMAL
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	NORMAL
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	NORMAL
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	NORMAL
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	NORMAL
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	NORMAL
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	NORMAL
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	NORMAL
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	NORMAL
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	NORMAL
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	NORMAL
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	NORMAL
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	NORMAL
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	NORMAL
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	NORMAL
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	NORMAL
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	NORMAL
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	NORMAL
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	NORMAL
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	NORMAL
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	NORMAL
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	NORMAL
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	NORMAL
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	NORMAL
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	NORMAL
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	NORMAL
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	NORMAL
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	NORMAL
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	NORMAL
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	NORMAL
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	NORMAL
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	NORMAL
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	NORMAL
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	NORMAL
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	NORMAL
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	NORMAL
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	NORMAL
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	NORMAL
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	NORMAL
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	NORMAL
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	NORMAL
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	NORMAL
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	NORMAL
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	NORMAL
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	NORMAL
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	NORMAL
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	NORMAL
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	NORMAL
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	NORMAL
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	NORMAL
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	NORMAL
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	NORMAL
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	NORMAL
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	NORMAL
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	NORMAL
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	NORMAL
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	NORMAL
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	NORMAL

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A) ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A) ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	METALS (MG/KG)												
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	0.94 U	3	16 J	3.1	0.053 J	16	6	8.4	--	7.5	--	0.023 U	0.27 J
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	0.83 U	1.4 J	11 J	2	0.036 U	11	4.2	7.8	--	4.2	--	0.019 U	0.11 J
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	0.51 UJ	3.6	11 J	2.5	0.022 J	14 J	7.4	17	--	5.3 J	--	0.019 U	0.16 J
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	0.42 UJ	3.5 J	7.4 J	0.33 U	0.018 UJ	11 J	1.5	9.2	--	3.2 J-	--	0.022 UJ	0.18 J
E-SB-1738-4-6	E-SB-1738	4	6	20171110	0.56 UJ	2 J	6.3 J	0.32 U	0.024 UJ	5.6 J	1.3	4.4	--	2.4 J-	--	0.022 UJ	0.28 J
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	0.48 UJ	3.9 J	6.9 J	0.72 J	0.021 UJ	9.8 J	2.5	8.8	--	3.5 J-	--	0.021 UJ	0.27 J
E-SB-1738-8-10	E-SB-1738	8	10	20171110	0.53 UJ	4.5 J	5.9 J	1.2 J	0.023 UJ	9.5 J	4.4	8.5	--	3.5 J-	--	0.022 UJ	0.15 J
E-SB-1740-6-8	E-SB-1740	6	8	20171111	0.47 U	3	5.5 J	1	0.087 J	13	5.9 J	8.8	--	4.2	--	0.024 U	0.15 U
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	0.51 U	1.3 J	4 J	0.65	0.052 J	12	3.6 J	7	--	3.4	--	0.022 U	0.063 U
E-SB-1740-8-10	E-SB-1740	8	10	20171111	0.41 U	4.7	9.5 J	1.6	0.089 J	15	6.2	18	--	5.4	--	0.022 U	0.077 U
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PARAMETERS (%)
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	PERCENT SOLIDS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	19	0.67 U	0.062 U	0.24 J	--	--	--	--	--	--	26 J	31	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	15	0.59 U	0.11 U	0.36 U	--	--	--	--	--	--	14 J	21	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	21	0.36 U	0.067 U	0.58 U	--	--	--	--	--	--	21 J	38	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	4.3	0.3 UJ	0.055 UJ	0.23 J	--	--	--	--	--	--	21 J-	11 J	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	3 U	0.39 UJ	0.073 UJ	0.15 U	--	--	--	--	--	--	11 J-	8.5 J	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	7.4	0.34 UJ	0.063 UJ	0.13 U	--	--	--	--	--	--	19 J-	15 J	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	13	0.37 UJ	0.069 UJ	0.31 J	--	--	--	--	--	--	20 J-	21 J	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	9.9	0.33 U	0.062 U	0.13 U	--	--	--	--	--	--	19	18	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	7.4	0.36 U	0.067 U	0.14 U	--	--	--	--	--	--	19	13	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	15	0.29 U	0.054 U	0.11 U	--	--	--	--	--	--	28	30	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)		MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)						PCBS (UG/KG)		
					FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254
					MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	F	MG/KG	MG/KG	S.U.	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	5.5	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	5.2	--	--	--	--	--	--	120000 U	99000 U	82000 U
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	22 U	19 U	16 U
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	22 U	19 U	16 U
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	24 U	21 U	17 U
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	24 U	21 U	17 U
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	23 U	19 U	16 U
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	24 U	20 U	16 U
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	23 U	44 J	16 U
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	23 U	20 U	28 J
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	22 U	18 U	30 J
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	23 U	19 U	40 J
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	22 U	19 U	15 U
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	5.4	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	4700 U	4000 U	3300 U
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	4700 U	4000 U	3300 U
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	4.5	--	--	--	--	--	--	1200 U	1000 U	820 U
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	7.2	--	--	--	--	--	--	120000 U	100000 U	84000 U
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	24000 U	20000 U	17000 U
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	5.7	--	--	--	--	--	--	12000 U	10000 U	8200 U
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	7.1	--	--	--	--	--	--	240 U	200 U	170 U
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	7.4	--	--	--	--	--	--	2400 U	2100 U	1700 U
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	6.6	--	--	--	--	--	--	2400 U	2000 U	1700 U
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	6.2	--	--	--	--	--	--	2500 U	2100 U	1800 U
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	25 U	21 U	17 U
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	110 U	97 U	2500 J
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	220 U	190 U	6400 J
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	64 J
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	24 U	21 U	42 J
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	23 U	19 U	18 J
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	24 U	21 U	22 J
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	41 J
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	22 U	19 U	18 J
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	24 U	20 U	23 J
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	580
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	22 U	19 U	27 J
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	24 U	20 U	200
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	22 U	19 U	32 J
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	22 U	19 U	79
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	64
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	47000 U	40000 U	1100000
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	1100
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	35 J
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	23 U	19 U	41 J
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	41 J
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	23 U	19 U	130
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	24 U	20 U	17 U
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	44 U	38 U	1700
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	21 U	18 U	690 J
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	16 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE				PESTICIDES (UG/KG)			PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS	
					AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDE	ENDOSULFAN SULFATE	ENDRIN ALDEHYDE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1722-3-4	E-SB-1722	3	4	20171112	25 J	25	107.1	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	540 J	540	621.6	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	750000 J	750000	1165500	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	20 U	0 U	89.45	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	21 U	0 U	94.75	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	20 U	0 U	89.45	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	21 U	0 U	93.2	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	160	160	245.85	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	21 U	0 U	95.3	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	22 U	0 U	96.85	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	20 U	0 U	90.55	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	21 U	0 U	94.2	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	21 U	44	126.1	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	21 U	28	113.2	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	19 U	30	108.8	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	20 U	40	122.55	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	40 J	40	117.9	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	34 J	34	118.8	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	250000	250000	266750	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	310000	310000	326650	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	45000	45000	49165	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	5900000 J	5900000	6324000	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	960000 J	960000	1045300	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	470000	470000	512150	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	4300	4300	5142.5	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	66000 J	66000	74585	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	38000 J	38000	46530	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	45000	45000	53900	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	75	75	160.3	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	21 U	0 U	94.75	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	22 U	0 U	98.4	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	21 U	0 U	92.1	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	100 U	2500	2912	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	200 U	6400	7204	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	21 U	64	149.15	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	22 U	42	130.3	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	20 U	18	100.5	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	22 U	22	110.35	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	21 U	41	125.1	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	20 U	18	99.5	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	21 U	23	109.25	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	22 U	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	21 U	580	665.15	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	20 U	27	107.4	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	21 U	200	286.8	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	20 U	32	111.85	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	20 U	79	160.45	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	21 U	64	148.1	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	42000 U	1100000	1271000	--	--	--	--	--	--	--	--	--	--
E-SB-1751-3-4	E-SB-1751	3	4	20171112	21 U	1100	1185.15	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	21 U	35	120.15	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	20 U	41	123.55	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	21 U	41	126.2	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	21 U	130	213.05	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	22 U	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	40 U	1700	1861.5	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	19 U	690	767.75	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	21 U	0 U	92.6	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	(UG/KG) ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	10000	10000	10000	NA	NA	NA	NA	NA	NA	NA
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)				
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE		RADIONUCLIDES (PCI/G)												
					URANIUM-238	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIOCHEMISTRY BY ALPHA	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									SEMIVOLATILES (UG/KG)				
					THORIUM-232	THORIUM-234	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	2-METHYLNAPHTHALENE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE	DIBENZOFURAN	DI-N-BUTYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TCLP METALS (MG/L)							TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)					
					ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS-	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			VOLATILES (UG/KG)											
					UNKNOWN [2.17]	UNKNOWN [3.57]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	530000	NA	NA	NA	NA	NA
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	BENZENE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	DICHLORODIFLUOROMETHANE	ETHYLBENZENE	HEXANE	ISOPROPYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUORO-METHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	3900	NA	NA	
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	NORMAL
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	NORMAL
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	NORMAL
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	NORMAL
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	NORMAL
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	NORMAL
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	NORMAL
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	NORMAL
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	NORMAL
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	NORMAL
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	NORMAL
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	NORMAL
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	NORMAL
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	NORMAL
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	NORMAL
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	NORMAL
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	NORMAL
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	NORMAL
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	NORMAL
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	NORMAL
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	NORMAL
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	NORMAL
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	NORMAL
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	NORMAL
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	NORMAL
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	NORMAL
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	NORMAL
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	NORMAL
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	NORMAL
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	NORMAL
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	NORMAL
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	NORMAL
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	NORMAL
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	NORMAL
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	NORMAL
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	NORMAL
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	NORMAL
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	NORMAL
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	NORMAL
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	NORMAL
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	NORMAL
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	NORMAL
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	NORMAL
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	NORMAL
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	NORMAL
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	NORMAL
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	NORMAL
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	NORMAL
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	NORMAL
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	NORMAL
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	NORMAL
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	NORMAL
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	NORMAL
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	NORMAL
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	NORMAL
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	NORMAL
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	NORMAL
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	NORMAL
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	NORMAL
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	NORMAL
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	NORMAL
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	NORMAL

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A) ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A) ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	490 J	370 J	170 J	580 J	330 J	460 J	430 J	320 J	500 J	620 J	350 J	2300 J	660 J
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	90 U	90 U	90 U	90 U	90 U	90 U	90 U	90 U	90 U	90 U	90 U	90 U	90 U
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	METALS (MG/KG)												
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PARAMETERS (%)
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)		MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)						PCBS (UG/KG)		
					FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254
					MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	F	MG/KG	MG/KG	S.U.	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	4500 U	3900 U	74000
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	120 U	100 U	2500
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	22 U	19 U	100
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	22 U	19 U	16 U
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	24 U	21 U	45 J
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	24 U	20 U	20 J
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	24 U	20 U	520
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	23 U	20 U	30 J
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	14 U	18 U	18 U
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	17 U	22 U	22 U
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	17 U	22 U	22 U
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	14 U	18 U	18 U
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	14 U	18 U	18 U
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	13 U	17 U	17 U
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	16 U	22 U	22 U
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	300 U	390 U	390 U
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	15000 U	20000 U	20000 U
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	17 U	23 U	23 U
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	14 U	18 U	18 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE				PESTICIDES (UG/KG)			PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS	
					AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDE	ENDOSULFAN SULFATE	ENDRIN ALDEHYDE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1754-2-3	E-SB-1754	2	3	20171112	4100 U	74000	90500	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	110 U	2500	2936.5	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	20 U	100	181.45	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	41 J	41	120.5	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	22 U	45	133.9	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	22 U	20	107.8	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	21 U	520	606.75	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	21 U	30	114.1	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	18 U	0 U	61	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	22 U	0 U	74	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	22 U	0 U	74	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	96	96	148.5	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	18 U	0 U	61	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	17 U	0 U	57.5	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	54	54	111	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	20 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	21 U	0 U	70.5	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	37 J	37	92.5	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	60 J	60	122.5	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	23 J	23	83.5	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	21 U	0 U	71	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	21 U	0 U	70.5	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	20 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	21 U	0 U	71.5	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	21 U	0 U	71	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	37	37	92.5	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	20 U	0 U	67	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	20 U	0 U	67	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	21 U	0 U	71.5	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	21 U	0 U	70	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-826-05	SB-826	5	5	20100916	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	20 UJ	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	20 U	0 U	67	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	2500 J	2500	3625	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	260000 J	260000	317500	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	300	300	357	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	130	130	190	--	--	--	--	1500000	280 U	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	20 UJ	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	20 UJ	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	23 UJ	0 U	77	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	20 UJ	0 U	67	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	20 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	21 U	0 U	71	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	20 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	18 U	0 U	61.5	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	(UG/KG) ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	10000	10000	10000	NA	NA	NA	NA	NA	NA	NA
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)				
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	RADIOCHEMISTRY BY ALPHA PCI/G	RADIOCHEMISTRY BY ALPHA PCI/G	RADIOCHEMISTRY BY ALPHA PCI/G	RADIOCHEMISTRY BY ALPHA PCI/G	RADIOCHEMISTRY BY ALPHA PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE		RADIONUCLIDES (PCI/G)												
					URANIUM-238	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIOCHEMISTRY BY ALPHA	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									SEMIVOLATILES (UG/KG)				
					THORIUM-232	THORIUM-234	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	2-METHYLNAPHTHALENE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE	DIBENZOFURAN	DI-N-BUTYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TCLP METALS (MG/L)							TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)					
					ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS-	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			VOLATILES (UG/KG)											
					UNKNOWN [2.17]	UNKNOWN [3.57]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	530000	NA	NA	NA	NA	NA
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	BENZENE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	DICHLORODIFLUORO METHANE	ETHYLBENZENE	HEXANE	ISOPROPYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUORO-METHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	3900	NA	NA	
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	NORMAL
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	NORMAL
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	NORMAL
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	NORMAL
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	NORMAL
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	NORMAL
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	NORMAL
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	NORMAL
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	NORMAL
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	NORMAL
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	NORMAL
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	NORMAL
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	NORMAL
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	NORMAL
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	NORMAL
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	NORMAL
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	NORMAL
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	NORMAL
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	NORMAL
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	NORMAL
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	NORMAL
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	NORMAL
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	NORMAL
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	NORMAL
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	NORMAL
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	NORMAL
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	NORMAL
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	NORMAL
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	NORMAL
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	NORMAL
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	NORMAL
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	NORMAL
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	NORMAL
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	NORMAL
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	NORMAL
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	NORMAL
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	NORMAL
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	NORMAL
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	NORMAL
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	NORMAL
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	NORMAL
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	NORMAL
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	NORMAL
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	NORMAL
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	NORMAL
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	NORMAL
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	NORMAL
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	NORMAL
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	NORMAL
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	NORMAL
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	NORMAL
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	NORMAL
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	NORMAL
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	NORMAL
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	NORMAL
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	NORMAL
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	NORMAL
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	NORMAL
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	NORMAL
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	NORMAL
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	NORMAL
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	NORMAL

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A) ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A) ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U
E-SB-833-09	SB-833	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	METALS (MG/KG)												
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	0.031 U	0.61 J	6.2	1.3	0.011 B	3.2	5.3	4.3	10900	1.7	13.6	0.02 U	0.082 U
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PARAMETERS (%)
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	8.6	0.59 J	0.021 U	0.017 U	--	--	--	--	--	--	3	43.7	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)		MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)						PCBS (UG/KG)		
					FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254
					MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	F	MG/KG	MG/KG	S.U.	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	18 U	24 U	24 U
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	17 U	22 U	22 U
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-833-09	SB-833	9	9	20100916	--	--	--	--	--	--	--	--	--	--	850000 U	1100000 U	1100000 U
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	160000 U	210000 U	210000 U
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--	160000 U	210000 U	210000 U
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--	77 U	100 U	100 U
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	16 U	22 U	22 U
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--	17 U	22 U	22 U
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	7600 U	9900 U	9900 U
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--	1600 U	2000 U	2000 U
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	160 U	210 U	210 U
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--	160 U	210 U	210 U
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	17 U	22 U	22 U
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	16000 U	21000 U	21000 U
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--	15000 U	20000 U	20000 U
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	76000 U	100000 U	100000 U
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	3100 U	4000 U	4000 U
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--	15000 U	20000 U	20000 U
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	320 U	410 U	410 U
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	75000 U	99000 U	99000 U
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	32 U	41 U	41 U
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	75 U	99 U	99 U
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	32 U	41 U	41 U
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	79 U	100 U	100 U
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--	79 U	100 U	100 U
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	17 U	23 U	23 U
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	17 U	22 U	22 U
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	150 U	200 U	200 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE				PESTICIDES (UG/KG)			PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS	
					AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDE	ENDOSULFAN SULFATE	ENDRIN ALDEHYDE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-831-07	SB-831	7	7	20100913	20 U	0 U	67	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	63	63	119.5	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	24 U	0 U	80.5	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	22 U	0 U	75	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	330	330	387.5	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	140	140	198	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	20 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	2.4E+07	2.4E+07	2.7E+07	--	--	--	--	2.8E+07	630 J	--	--	--	11000 U
E-SB-833A-06	SB-833A	6	6	20101012	510000	510000	1115000	--	--	--	--	--	140000 J	--	--	100 U	100 U
E-SB-833A-10	SB-833A	10	10	20101012	2000000	2000000	2605000	--	--	--	--	--	170000 J	--	--	200 U	200 U
E-SB-833B-04	SB-833B	4	4	20101012	110	110	167.5	--	--	--	--	--	110 J	--	--	3.9 U	3.9 U
E-SB-833B-06	SB-833B	6	6	20101012	520	520	580.5	--	--	--	--	--	86 J	--	--	4.1 U	4.1 U
E-SB-833B-08	SB-833B	8	8	20101012	150	150	206.5	--	--	--	--	--	64 J	--	--	3.8 U	3.8 U
E-SB-833B-10	SB-833B	10	10	20101012	750	750	1042.5	--	--	--	--	--	61 J	--	--	3.9 U	3.9 U
E-SB-833C-04	SB-833C	4	4	20101012	50	50	107	--	--	--	--	--	--	--	--	3.8 U	3.8 U
E-SB-833C-06	SB-833C	6	6	20101012	24 J	24	81.5	--	--	--	--	--	--	--	--	3.9 U	3.9 U
E-SB-833C-08	SB-833C	8	8	20101012	20 U	0 U	68.5	--	--	--	--	--	--	--	--	4 U	4 U
E-SB-833C-10	SB-833C	10	10	20101012	27 J	27	87.5	--	--	--	--	--	--	--	--	4.1 U	4.1 U
E-SB-833D-04	SB-833D	4	4	20101012	21 U	0 U	70.5	--	--	--	--	--	--	--	--	4 U	4 U
E-SB-833D-06	SB-833D	6	6	20101012	22 U	0 U	73.5	--	--	--	--	--	--	--	--	4.2 U	4.2 U
E-SB-833D-08	SB-833D	8	8	20101012	48	48	106	--	--	--	--	--	--	--	--	3.9 U	3.9 U
E-SB-833D-10	SB-833D	10	10	20101012	22 U	0 U	74.5	--	--	--	--	--	--	--	--	4.3 U	4.3 U
E-SB-833E-06	SB-833E	6	6	20101012	180000	180000	208400	--	--	--	--	1900000 J	56 J	--	--	77 U	77 U
E-SB-833E-10	SB-833E	10	10	20101012	27000	27000	32850	--	--	--	--	7600 J	55 U	--	--	3.9 U	3.9 U
E-SB-833F-04	SB-833F	4	4	20101012	250	250	308	--	--	--	--	3300 U	55 U	--	--	3.9 U	3.9 U
E-SB-833F-06	SB-833F	6	6	20101012	2300	2300	2905	--	--	--	--	3400 U	56 U	--	--	4 U	4 U
E-SB-833F-08	SB-833F	8	8	20101012	100	100	160.5	--	--	--	--	--	--	--	--	4.1 U	4.1 U
E-SB-833F-10	SB-833F	10	10	20101012	1000	1000	1610	--	--	--	--	--	--	--	--	4.1 U	4.1 U
E-SB-833G-06	SB-833G	6	6	20101012	83	83	146	--	--	--	--	--	--	--	--	4.2 U	4.2 U
E-SB-833G-08	SB-833G	8	8	20101012	77	77	137.5	--	--	--	--	--	--	--	--	4 U	4 U
E-SB-833G-10	SB-833G	10	10	20101012	20 U	0 U	68	--	--	--	--	--	--	--	--	3.9 U	3.9 U
E-SB-833H-06	SB-833H	6	6	20101012	20 U	0 U	67.5	--	--	--	--	--	--	--	--	3.9 U	3.9 U
E-SB-833H-08	SB-833H	8	8	20101012	20 U	0 U	67	--	--	--	--	--	--	--	--	3.8 U	3.8 U
E-SB-833H-10	SB-833H	10	10	20101012	21 U	0 U	71	--	--	--	--	--	--	--	--	4 U	4 U
E-SB-833I-08	SB-833I	8	8	20101013	220000	220000	279500	--	--	--	--	460000 K	1600 J	--	--	40 U	40 U
E-SB-833I-10	SB-833I	10	10	20101013	350000	350000	408000	--	--	--	--	--	--	--	--	39 U	39 U
E-SB-833J-04	SB-833J	4	4	20101013	160	160	217	--	--	--	--	--	--	--	--	3.8 U	3.8 U
E-SB-833J-06	SB-833J	6	6	20101013	39 J	39	97.5	--	--	--	--	--	--	--	--	4 U	4 U
E-SB-833J-08	SB-833J	8	8	20101013	70	70	127.5	--	--	--	--	--	--	--	--	3.9 U	3.9 U
E-SB-833J-10	SB-833J	10	10	20101013	180 J	180	240.5	--	--	--	--	--	--	--	--	4.1 U	4.1 U
E-SB-833K-06	SB-833K	6	6	20101013	970000	970000	1256000	--	--	--	--	310000 J	110 J	--	--	39 U	39 U
E-SB-833K-08	SB-833K	8	8	20101013	35000	35000	46600	--	--	--	--	--	--	--	--	3.9 U	3.9 U
E-SB-833K-10	SB-833K	10	10	20101013	270000	270000	327500	--	--	--	--	590000 K	76 J	--	--	39 U	39 U
E-SB-833L-04	SB-833L	4	4	20101013	73	73	131.5	--	--	--	--	--	--	--	--	3.9 U	3.9 U
E-SB-833L-06	SB-833L	6	6	20101013	4500	4500	5690	--	--	--	--	7300 J	56 UJ	--	--	4 U	4 U
E-SB-833L-08	SB-833L	8	8	20101013	700000	700000	983500	--	--	--	--	450000 J	5000	--	--	38 U	38 U
E-SB-833M-04	SB-833M	4	4	20101013	240	240	359	--	--	--	--	--	--	--	--	4 U	4 U
E-SB-833M-06	SB-833M	6	6	20101013	860	860	1143.5	--	--	--	--	--	--	--	--	3.8 U	3.8 U
E-SB-833M-08	SB-833M	8	8	20101013	590	590	709	--	--	--	--	--	--	--	--	4 U	4 U
E-SB-833M-10	SB-833M	10	10	20101013	73	73	131.5	--	--	--	--	--	--	--	--	4 U	4 U
E-SB-833N-04	SB-833N	4	4	20101014	210	210	270	--	--	--	--	--	--	--	--	40 U	40 U
E-SB-833N-06	SB-833N	6	6	20101014	80	80	140.5	--	--	--	--	--	--	--	--	41 U	41 U
E-SB-833N-08	SB-833N	8	8	20101014	370	370	665.5	--	--	--	--	--	--	--	--	40 U	40 U
E-SB-833N-10	SB-833N	10	10	20101014	430	430	726	--	--	--	--	--	--	--	--	16 U	16 U
E-SB-834-05	SB-834	5	5	20100916	280	280	346	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	23 J	23	81.5	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	24 J	24	87.5	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	19 U	0 U	64.5	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	310	310	369.5	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	94	94	154	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	3500	3500	4070	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	(UG/KG) ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	10000	10000	10000	NA	NA	NA	NA	NA	NA	NA
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	27000	11000 U	28000	39347	33242	--	35000	27000	27000	11000 U	11000 U	42000	11000 U
E-SB-833A-06	SB-833A	6	6	20101012	100 U	100 U	100 U	400.97	340.47	--	100 U	290	500	100 U	100 U	470	100 U
E-SB-833A-10	SB-833A	10	10	20101012	200 U	200 U	200 U	200 U	200 U	--	200 U	200 U	200 U	200 U	200 U	68 U	200 U
E-SB-833B-04	SB-833B	4	4	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-833B-06	SB-833B	6	6	20101012	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	1.4 U	4.1 U
E-SB-833B-08	SB-833B	8	8	20101012	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-833B-10	SB-833B	10	10	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-833C-04	SB-833C	4	4	20101012	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-833C-06	SB-833C	6	6	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-833C-08	SB-833C	8	8	20101012	4 U	4 U	4 U	4 U	4 U	--	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U
E-SB-833C-10	SB-833C	10	10	20101012	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	1.4 U	4.1 U
E-SB-833D-04	SB-833D	4	4	20101012	4 U	4 U	4 U	4 U	4 U	--	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U
E-SB-833D-06	SB-833D	6	6	20101012	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	--	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	1.4 U	4.2 U
E-SB-833D-08	SB-833D	8	8	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-833D-10	SB-833D	10	10	20101012	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	--	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	1.4 U	4.3 U
E-SB-833E-06	SB-833E	6	6	20101012	77 U	77 U	77 U	77 U	77 U	--	77 U	77 U	77 U	77 U	77 U	26 U	77 U
E-SB-833E-10	SB-833E	10	10	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-833F-04	SB-833F	4	4	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-833F-06	SB-833F	6	6	20101012	4 U	4 U	4 U	4 U	4 U	--	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U
E-SB-833F-08	SB-833F	8	8	20101012	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	1.4 U	4.1 U
E-SB-833F-10	SB-833F	10	10	20101012	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	1.4 U	4.1 U
E-SB-833G-06	SB-833G	6	6	20101012	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	--	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	1.4 U	4.2 U
E-SB-833G-08	SB-833G	8	8	20101012	4 U	4 U	4 U	4 U	4 U	--	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U
E-SB-833G-10	SB-833G	10	10	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-833H-06	SB-833H	6	6	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-833H-08	SB-833H	8	8	20101012	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-833H-10	SB-833H	10	10	20101012	4 U	4 U	4 U	4 U	4 U	--	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U
E-SB-833I-08	SB-833I	8	8	20101013	40 U	40 U	40 U	40 U	40 U	--	40 U	40 U	40 U	40 U	40 U	13 U	40 U
E-SB-833I-10	SB-833I	10	10	20101013	39 U	39 U	39 U	176.765	155.12	--	190	120	160	84	39 U	120	39 U
E-SB-833J-04	SB-833J	4	4	20101013	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-833J-06	SB-833J	6	6	20101013	4 U	4 U	4 U	4 U	4 U	--	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U
E-SB-833J-08	SB-833J	8	8	20101013	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-833J-10	SB-833J	10	10	20101013	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	1.4 U	4.1 U
E-SB-833K-06	SB-833K	6	6	20101013	39 U	39 U	39 U	39 U	39 U	--	39 U	39 U	39 U	39 U	39 U	13 U	39 U
E-SB-833K-08	SB-833K	8	8	20101013	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-833K-10	SB-833K	10	10	20101013	39 U	39 U	39 U	141.775	120.13	--	220	85	130	39 U	39 U	130	39 U
E-SB-833L-04	SB-833L	4	4	20101013	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-833L-06	SB-833L	6	6	20101013	4 U	4 U	4 U	4 U	4 U	--	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U
E-SB-833L-08	SB-833L	8	8	20101013	38 U	38 U	38 U	38 U	38 U	--	38 U	38 U	38 U	38 U	38 U	13 U	38 U
E-SB-833M-04	SB-833M	4	4	20101013	4 U	4 U	4 U	4 U	4 U	--	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U
E-SB-833M-06	SB-833M	6	6	20101013	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-833M-08	SB-833M	8	8	20101013	4 U	4 U	4 U	4 U	4 U	--	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U
E-SB-833M-10	SB-833M	10	10	20101013	4 U	4 U	4 U	4 U	4 U	--	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U
E-SB-833N-04	SB-833N	4	4	20101014	40 U	40 U	40 U	40 U	40 U	--	40 U	40 U	40 U	40 U	40 U	13 U	40 U
E-SB-833N-06	SB-833N	6	6	20101014	41 U	41 U	41 U	266.862	240	--	41 U	240	41 U	41 U	41 U	14 U	41 U
E-SB-833N-08	SB-833N	8	8	20101014	40 U	40 U	40 U	60.2065	16	--	40 U	40 U	160	40 U	40 U	13 U	40 U
E-SB-833N-10	SB-833N	10	10	20101014	16 U	16 U	16 U	16 U	16 U	--	16 U	16 U	16 U	16 U	16 U	5.4 U	16 U
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)				
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	81000	11000 U	11000 U	11000 U	88000	60000	415000	--	--	--	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	660	100 U	100 U	310	360	520	3110	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	200 U	200 U	200 U	460	200 U	200 U	460	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	3.9 U	3.9 U	3.9 U	31	3.9 U	3.9 U	31	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	4.1 U	4.1 U	4.1 U	43	4.1 U	4.1 U	43	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	3.8 U	3.8 U	3.8 U	200	3.8 U	3.8 U	200	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	3.9 U	3.9 U	3.9 U	65	3.9 U	3.9 U	65	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	3.8 U	3.8 U	3.8 U	230	3.8 U	3.8 U	230	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	0 U	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	4 U	4 U	4 U	4 U	4 U	4 U	0 U	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	0 U	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	4 U	4 U	4 U	4 U	4 U	4 U	0 U	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	0 U	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	3.9 U	3.9 U	3.9 U	62	3.9 U	3.9 U	62	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	4.3 U	4.3 U	4.3 U	19	4.3 U	4.3 U	19	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	77 U	77 U	77 U	77 U	77 U	77 U	0 U	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	0 U	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	0 U	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	4 U	4 U	4 U	17	4 U	4 U	17	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	0 U	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	0 U	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	0 U	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	4 U	4 U	4 U	4 U	4 U	4 U	0 U	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	0 U	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	3.9 U	3.9 U	3.9 U	23	3.9 U	3.9 U	23	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	0 U	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	4 U	4 U	4 U	4 U	4 U	4 U	0 U	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	91	40 U	40 U	40 U	40 U	110	201	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	240	39 U	39 U	39 U	39 U	220	1134	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	0 U	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	4 U	4 U	4 U	4 U	4 U	4 U	0 U	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	0 U	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	0 U	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	39 U	39 U	39 U	39 U	39 U	39 U	0 U	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	0 U	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	370	39 U	39 U	39 U	190	270	1395	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	0 U	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	4 U	4 U	4 U	4 U	4 U	4 U	0 U	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	38 U	38 U	38 U	38 U	38 U	38 U	0 U	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	4 U	4 U	4 U	4 U	4 U	4 U	0 U	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	0 U	--	--	--	--	--	--
E-SB-833M-08	SB-833M	8	8	20101013	4 U	4 U	4 U	4 U	4 U	4 U	0 U	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	4 U	4 U	4 U	4 U	4 U	4 U	0 U	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	320	40 U	40 U	40 U	40 U	110	430	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	390	41 U	41 U	41 U	41 U	210	840	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	340	40 U	40 U	40 U	40 U	160	660	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	140	16 U	16 U	16 U	16 U	70	210	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE		RADIONUCLIDES (PCI/G)												
					URANIUM-238	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIOCHEMISTRY BY ALPHA	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									SEMIVOLATILES (UG/KG)				
					THORIUM-232	THORIUM-234	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	2-METHYLNAPHTHALENE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	--	--	--	--	--	--	88000 U	--	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	--	39000 U	--	--	--	--	--	62000 U	33000 U	120000 U	88000 U
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE	DIBENZOFURAN	DI-N-BUTYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	11000 U	49000 U	--	--	--	--	--	88000 U	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TCLP METALS (MG/L)							TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)					
					ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS-	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			VOLATILES (UG/KG)										
					UNKNOWN [2.17]	UNKNOWN [3.57]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	530000	NA	NA	NA	NA	NA
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	100000 U	44000 U	46000 U	2200000	440 U	9600000	13000 U	120000 J	26000 U	12000 U	130000 J
E-SB-833A-06	SB-833A	6	6	20101012	--	--	940 U	410 U	440 U	18000	4.1 U	140000	120 U	1600 J	240 U	37000	17000
E-SB-833A-10	SB-833A	10	10	20101012	--	--	6800 U	3000 U	3100 U	140000	30 U	830000	870 U	6200 J	1700 U	38000 J	28000 J
E-SB-833B-04	SB-833B	4	4	20101012	--	--	0.94 U	0.26 U	0.38 U	0.28 U	0.12 U	0.69 B	0.47 U	0.26 U	0.25 U	0.25 U	0.48 U
E-SB-833B-06	SB-833B	6	6	20101012	--	--	1.1 U	0.31 U	0.45 U	2.2 J	0.69 B	12	0.56 U	0.31 U	0.29 U	0.39 J	0.57 U
E-SB-833B-08	SB-833B	8	8	20101012	--	--	1 U	0.28 U	0.41 U	2.1 J	0.13 U	11	0.51 U	0.28 U	0.27 U	0.5 J	0.52 U
E-SB-833B-10	SB-833B	10	10	20101012	--	--	1.2 U	0.33 U	0.47 U	0.34 U	0.71 B	1.4 B	0.59 U	0.33 U	0.31 U	0.32 U	0.6 U
E-SB-833C-04	SB-833C	4	4	20101012	--	--	1.1 U	0.31 U	0.45 U	0.33 U	0.15 U	0.66 B	0.56 U	0.31 U	0.29 U	0.3 U	0.57 U
E-SB-833C-06	SB-833C	6	6	20101012	--	--	1.1 U	0.31 U	0.45 U	0.33 U	0.15 U	0.94 B	0.56 U	0.31 U	0.3 U	0.3 U	0.57 U
E-SB-833C-08	SB-833C	8	8	20101012	--	--	1.2 U	0.34 U	0.49 U	0.36 U	0.16 U	0.79 B	0.61 U	0.34 U	0.32 U	0.33 U	0.62 U
E-SB-833C-10	SB-833C	10	10	20101012	--	--	1 U	0.28 U	0.4 U	0.29 U	0.61 B	0.49 B	0.5 U	0.28 U	0.26 U	0.27 U	0.51 U
E-SB-833D-04	SB-833D	4	4	20101012	--	--	1.1 U	0.3 U	0.43 U	0.31 U	0.14 U	0.57 B	0.54 U	0.3 U	0.28 U	0.29 U	0.55 U
E-SB-833D-06	SB-833D	6	6	20101012	--	--	1.2 U	0.34 U	0.49 U	0.6 J	0.16 U	2.7 B	0.62 U	0.39 J	0.32 U	0.33 U	0.63 U
E-SB-833D-08	SB-833D	8	8	20101012	--	--	1.2 U	0.32 U	0.47 U	65	0.72 B	110 J	0.59 U	12	0.31 U	0.32 U	14
E-SB-833D-10	SB-833D	10	10	20101012	--	--	30 U	13 U	14 U	11 B	30 J	52 B	3.8 U	6.6 U	7.6 U	3.7 U	8.2 J
E-SB-833E-06	SB-833E	6	6	20101012	--	--	1800 U	770 U	820 U	52000 J	7.7 U	260000	230 U	1900 J	450 U	220 U	2700 J
E-SB-833E-10	SB-833E	10	10	20101012	--	--	34 U	15 U	15 U	910 J	34 J	4700	4.3 U	110 J	8.6 U	4.1 U	140 J
E-SB-833F-04	SB-833F	4	4	20101012	--	--	34 U	15 U	16 U	340 J	0.15 U	1500	4.4 U	57 J	8.8 U	4.2 U	89 J
E-SB-833F-06	SB-833F	6	6	20101012	--	--	35 U	15 U	16 U	380 J	36 J	1800	4.5 U	81 J	9.1 U	4.4 U	110 J
E-SB-833F-08	SB-833F	8	8	20101012	--	--	33 U	14 U	15 U	320 J	0.14 U	1500	4.2 U	71 J	8.5 U	4.1 U	93 J
E-SB-833F-10	SB-833F	10	10	20101012	--	--	35 U	15 U	16 U	150 J	0.15 U	720	4.5 U	42 J	9 U	4.3 U	58 J
E-SB-833G-06	SB-833G	6	6	20101012	--	--	0.95 U	0.26 U	0.38 U	2 J	0.12 U	7.5	0.47 U	0.26 U	0.25 U	0.51 J	1.6 J
E-SB-833G-08	SB-833G	8	8	20101012	--	--	1.1 U	0.31 U	0.45 U	4.1 J	0.68 B	21	0.57 U	2.1 J	0.3 U	13	38
E-SB-833G-10	SB-833G	10	10	20101012	--	--	1.1 U	0.3 U	0.44 U	0.32 U	0.14 U	0.67 B	0.55 U	0.6 J	0.29 U	4.3	18
E-SB-833H-06	SB-833H	6	6	20101012	--	--	0.98 U	0.27 U	0.39 U	5.9	0.6 B	38	0.49 U	3.2 J	0.26 U	31	30
E-SB-833H-08	SB-833H	8	8	20101012	--	--	44 U	19 U	20 U	180 J	0.19 U	970	5.7 U	44 J	11 U	160 J	140 J
E-SB-833H-10	SB-833H	10	10	20101012	--	--	1.2 U	0.32 U	0.46 U	19 J	0.15 U	96	0.58 U	5.3	0.3 U	5.9	9.9
E-SB-833I-08	SB-833I	8	8	20101013	--	--	740 U	320 U	340 U	21000 J	3.2 U	110000	94 U	910 J	190 U	2600 J	2900 J
E-SB-833I-10	SB-833I	10	10	20101013	--	--	580 U	250 U	270 U	11000 J	2.5 U	66000	74 U	430 J	150 U	3300 J	2300 J
E-SB-833J-04	SB-833J	4	4	20101013	--	--	1.2 U	0.33 U	0.48 U	0.35 U	0.16 U	1.1 B	0.6 U	0.33 U	0.31 U	0.32 U	0.61 U
E-SB-833J-06	SB-833J	6	6	20101013	--	--	1.1 U	0.29 U	0.43 U	0.31 U	0.14 U	1.1 B	0.53 U	0.29 U	0.28 U	0.29 U	0.54 U
E-SB-833J-08	SB-833J	8	8	20101013	--	--	1.1 U	0.3 U	0.43 U	0.31 U	0.14 U	0.46 B	0.54 U	0.3 U	0.28 U	0.29 U	0.55 U
E-SB-833J-10	SB-833J	10	10	20101013	--	--	32 U	14 U	15 U	89 J	33 J	520	4.1 U	7 U	8.1 U	18 J	20 J
E-SB-833K-06	SB-833K	6	6	20101013	--	--	700 U	300 U	320 U	22000 J	3 U	120000 J	89 U	1100 J	180 U	86 U	1500 J
E-SB-833K-08	SB-833K	8	8	20101013	--	--	38 U	17 U	18 U	370 J	0.17 U	1700 J	4.9 U	68 J	9.8 U	4.7 U	98 J
E-SB-833K-10	SB-833K	10	10	20101013	--	--	190 U	82 U	87 U	5800	0.82 U	28000	24 U	180 J	51 J	23 U	250 J
E-SB-833L-04	SB-833L	4	4	20101013	--	--	47 U	20 U	22 U	420 J	49 J	1900	6 U	42 J	12 U	5.8 U	67 J
E-SB-833L-06	SB-833L	6	6	20101013	--	--	35 U	15 U	16 U	230 J	0.15 U	1000	4.5 U	22 J	9 U	4.3 U	27 J
E-SB-833L-08	SB-833L	8	8	20101013	--	--	3600 U	1600 U	1600 U	77000 J	16 U	410000 J	460 U	3000 J	920 U	440 U	4300 J
E-SB-833M-04	SB-833M	4	4	20101013	--	--	1.2 U	0.34 U	0.49 U	0.36 U	0.16 U	0.98 B	0.62 U	0.34 U	0.32 U	0.33 U	0.62 U
E-SB-833M-06	SB-833M	6	6	20101013	--	--	1 U	0.28 U	0.4 U	5.4	0.61 B	25	0.51 U	0.28 U	0.26 U	0.27 U	0.51 U
E-SB-833M-08	SB-833M	8	8	20101013	--	--	1.2 U	0.34 U	0.49 U	0.36 U	0.16 U	0.68 B	0.61 U	0.34 U	0.32 U	0.33 U	0.62 U
E-SB-833M-10	SB-833M	10	10	20101013	--	--	1.1 U	0.31 U	0.45 U	0.33 U	0.68 B	0.68 B	0.56 U	0.31 U	0.29 U	0.3 U	0.57 U
E-SB-833N-04	SB-833N	4	4	20101014	--	--	1.1 U	0.31 U	0.44 U	0.32 U	0.14 U	0.23 U	0.55 U	0.31 U	0.29 U	0.3 U	0.56 U
E-SB-833N-06	SB-833N	6	6	20101014	--	--	1.2 U	0.34 U	0.49 U	0.35 U	0.16 U	0.25 U	0.61 U	0.34 U	0.32 U	0.33 U	0.62 U
E-SB-833N-08	SB-833N	8	8	20101014	--	--	1.2 U	0.35 U	0.5 U	0.36 U	0.16 U	0.51 B	0.62 U	0.35 U	0.33 U	0.34 U	0.63 U
E-SB-833N-10	SB-833N	10	10	20101014	--	--	1.2 U	0.33 U	0.48 U	1.4 B	0.16 U	5.9 J	0.6 U	0.33 U	0.32 U	0.32 U	0.61 U
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	BENZENE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	DICHLORODIFLUOROMETHANE	ETHYLBENZENE	HEXANE	ISOPROPYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	110000 U	12000 U	800000 B	31000 U	31000 U	16000 U	16000 U	23000 U	18000 U	41000 U	14000 U	--	17000 U
E-SB-833A-06	SB-833A	6	6	20101012	1000 U	120 U	4100 U	290 U	290 U	150 U	1500 J	210 U	170 U	390 U	130 U	--	160 U
E-SB-833A-10	SB-833A	10	10	20101012	7500 U	840 U	30000 U	2100 U	2100 U	1100 U	1100 U	1500 U	1200 U	2800 U	940 U	--	1100 U
E-SB-833B-04	SB-833B	4	4	20101012	1 U	0.15 U	4.8 B	0.17 U	0.32 U	0.27 U	0.24 U	0.21 U	0.26 U	0.36 U	0.19 U	--	0.12 U
E-SB-833B-06	SB-833B	6	6	20101012	1.2 U	0.18 U	5.4 U	0.2 U	0.38 U	0.32 U	0.28 U	0.25 U	0.31 U	0.43 U	0.22 U	--	0.14 U
E-SB-833B-08	SB-833B	8	8	20101012	1.1 U	0.16 U	5.4 B	0.18 U	0.35 U	0.29 U	0.26 U	0.23 U	0.28 U	0.39 U	0.2 U	--	0.13 U
E-SB-833B-10	SB-833B	10	10	20101012	1.3 U	0.19 U	7.3 B	0.21 U	0.4 U	0.33 U	0.3 U	0.26 U	0.33 U	0.45 U	0.24 U	--	0.14 U
E-SB-833C-04	SB-833C	4	4	20101012	1.2 U	0.18 U	5.4 U	0.2 U	0.38 U	0.32 U	0.28 U	0.25 U	0.31 U	0.43 U	0.22 U	--	0.14 U
E-SB-833C-06	SB-833C	6	6	20101012	1.2 U	0.18 U	8 B	0.2 U	0.38 U	0.32 U	0.29 U	0.25 U	0.31 U	0.43 U	0.23 U	--	0.14 U
E-SB-833C-08	SB-833C	8	8	20101012	1.3 U	0.2 U	5.9 U	0.22 U	0.41 U	0.35 U	0.31 U	0.27 U	0.34 U	0.47 U	0.24 U	--	0.15 U
E-SB-833C-10	SB-833C	10	10	20101012	1.1 U	0.16 U	4.8 U	0.18 U	0.34 U	0.28 U	0.25 U	0.22 U	0.28 U	0.38 U	0.2 U	--	0.12 U
E-SB-833D-04	SB-833D	4	4	20101012	1.2 U	0.17 U	5.9 B	0.19 U	0.36 U	0.31 U	0.27 U	0.24 U	0.3 U	0.41 U	0.22 U	--	0.13 U
E-SB-833D-06	SB-833D	6	6	20101012	1.3 U	0.2 U	6.2 B	0.22 U	0.42 U	0.35 U	0.31 U	0.28 U	0.34 U	0.48 U	0.25 U	--	0.15 U
E-SB-833D-08	SB-833D	8	8	20101012	1.3 U	0.19 U	7.1 B	0.21 U	0.4 U	0.33 U	0.3 U	0.26 U	0.32 U	0.45 U	0.23 U	--	0.14 U
E-SB-833D-10	SB-833D	10	10	20101012	33 U	3.7 U	240 B	9.1 U	9.1 U	4.9 U	4.9 U	6.7 U	5.3 U	12 U	4.1 U	--	5 U
E-SB-833E-06	SB-833E	6	6	20101012	2000 U	220 U	16000 J	550 U	550 U	290 U	290 U	400 U	310 U	730 U	250 U	--	300 U
E-SB-833E-10	SB-833E	10	10	20101012	37 U	4.1 U	260 J	10 U	10 U	5.5 U	5.5 U	7.6 U	5.9 U	14 U	4.6 U	--	5.6 U
E-SB-833F-04	SB-833F	4	4	20101012	38 U	4.2 U	220 J	11 U	11 U	5.6 U	5.6 U	7.8 U	6.1 U	14 U	4.8 U	--	5.7 U
E-SB-833F-06	SB-833F	6	6	20101012	39 U	4.4 U	260 J	11 U	11 U	5.8 U	5.8 U	8 U	6.3 U	15 U	4.9 U	--	5.9 U
E-SB-833F-08	SB-833F	8	8	20101012	36 U	4.1 U	240 J	10 U	10 U	5.4 U	5.4 U	7.5 U	5.8 U	14 U	4.6 U	--	5.5 U
E-SB-833F-10	SB-833F	10	10	20101012	39 U	4.3 U	260 J	11 U	11 U	5.8 U	5.8 U	7.9 U	6.2 U	14 U	4.9 U	--	5.9 U
E-SB-833G-06	SB-833G	6	6	20101012	1 U	0.15 U	11 B	0.17 U	0.32 U	0.27 U	39	0.21 U	0.26 U	0.36 U	0.19 U	--	0.12 U
E-SB-833G-08	SB-833G	8	8	20101012	1.2 U	0.18 U	7.2 B	0.4 J	0.38 U	0.88 J	120	0.25 U	0.31 U	0.43 U	0.23 U	--	0.14 U
E-SB-833G-10	SB-833G	10	10	20101012	1.2 U	0.18 U	15 B	0.34 J	0.37 U	0.31 U	170	0.24 U	0.3 U	0.42 U	0.22 U	--	0.13 U
E-SB-833H-06	SB-833H	6	6	20101012	1.1 U	0.16 U	5 B	0.33 J	0.33 U	0.28 U	51	0.22 U	0.27 U	0.38 U	0.2 U	--	0.12 U
E-SB-833H-08	SB-833H	8	8	20101012	49 U	5.4 U	190 U	14 U	14 U	7.3 U	52 J	10 U	7.8 U	18 U	6.1 U	--	7.4 U
E-SB-833H-10	SB-833H	10	10	20101012	1.3 U	0.19 U	6.6 B	0.21 U	0.39 U	0.33 U	2 J	0.26 U	0.57 J	0.45 U	0.23 U	--	0.14 U
E-SB-833I-08	SB-833I	8	8	20101013	810 U	91 U	4500 B	230 U	230 U	120 U	210 J	170 U	130 U	300 U	100 U	--	120 U
E-SB-833I-10	SB-833I	10	10	20101013	640 U	71 U	3600 B	180 U	180 U	95 U	120 J	130 U	100 U	240 U	80 U	--	96 U
E-SB-833J-04	SB-833J	4	4	20101013	1.3 U	0.19 U	24 B	0.21 U	0.4 U	0.34 U	0.3 U	0.27 U	0.33 U	0.46 U	0.24 U	--	0.15 U
E-SB-833J-06	SB-833J	6	6	20101013	1.1 U	0.17 U	17 B	0.19 U	0.36 U	0.3 U	0.27 U	0.24 U	0.29 U	0.41 U	0.21 U	--	0.13 U
E-SB-833J-08	SB-833J	8	8	20101013	1.2 U	0.17 U	5.2 U	0.19 U	0.36 U	0.31 U	0.27 U	0.24 U	0.3 U	0.41 U	0.22 U	--	0.13 U
E-SB-833J-10	SB-833J	10	10	20101013	35 U	3.9 U	200 B	9.7 U	9.7 U	5.2 U	5.2 U	7.1 U	5.6 U	13 U	4.4 U	--	5.3 U
E-SB-833K-06	SB-833K	6	6	20101013	770 U	86 U	3000 UJ	210 U	210 U	110 U	110 U	160 U	120 U	290 U	96 U	--	120 U
E-SB-833K-08	SB-833K	8	8	20101013	71 J	4.7 U	170 UJ	12 U	12 U	6.3 U	6.3 U	8.6 U	6.8 U	16 U	5.3 U	--	6.4 U
E-SB-833K-10	SB-833K	10	10	20101013	210 U	23 U	1100 B	58 U	58 U	31 U	31 U	42 U	33 U	77 U	26 U	--	31 U
E-SB-833L-04	SB-833L	4	4	20101013	52 U	5.8 U	280 B	14 U	14 U	7.7 U	7.7 U	11 U	8.3 U	19 U	6.5 U	--	7.8 U
E-SB-833L-06	SB-833L	6	6	20101013	110 J	4.3 U	190 B	11 U	11 U	5.8 U	12 J	7.9 U	6.2 U	14 U	4.9 U	--	5.9 U
E-SB-833L-08	SB-833L	8	8	20101013	3900 U	440 U	16000 UJ	1100 U	1100 U	590 U	4000 J	810 U	630 U	1500 U	490 U	--	590 U
E-SB-833M-04	SB-833M	4	4	20101013	1.3 U	0.2 U	19 J	0.22 U	0.42 U	0.35 U	0.31 U	0.27 U	0.34 U	0.47 U	0.25 U	--	0.15 U
E-SB-833M-06	SB-833M	6	6	20101013	1.1 U	0.16 U	7.7 B	0.18 U	0.34 U	0.29 U	0.26 U	0.23 U	0.28 U	0.39 U	0.2 U	--	0.12 U
E-SB-833M-08	SB-833M	8	8	20101013	1.3 U	0.2 U	13 B	0.22 U	0.41 U	0.35 U	0.31 U	0.27 U	0.34 U	0.47 U	0.24 U	--	0.15 U
E-SB-833M-10	SB-833M	10	10	20101013	1.2 U	0.18 U	16 B	0.2 U	0.38 U	0.32 U	0.29 U	0.25 U	0.31 U	0.43 U	0.22 U	--	0.14 U
E-SB-833N-04	SB-833N	4	4	20101014	1.5 J	0.18 U	18 J	0.2 U	0.38 U	0.32 U	0.28 U	0.25 U	0.31 U	0.43 U	0.22 U	--	0.14 U
E-SB-833N-06	SB-833N	6	6	20101014	1.3 U	0.2 U	5.9 U	0.21 U	0.41 U	0.35 U	0.31 U	0.27 U	0.37 J	0.47 U	0.24 U	--	0.15 U
E-SB-833N-08	SB-833N	8	8	20101014	1.3 U	0.2 U	12 J	0.22 U	0.42 U	0.35 U	0.32 U	0.28 U	0.35 U	0.48 U	0.25 U	--	0.15 U
E-SB-833N-10	SB-833N	10	10	20101014	1.3 U	0.19 U	13 J	0.21 U	0.41 U	0.34 U	0.31 U	0.27 U	0.33 U	0.46 U	0.24 U	--	0.15 U
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	16000 U	--	360000 B	140000 B	21000 U	36000 U	22000 U	12000 U	14000 U	17000 U	7200000 B	31000 U	44000 U
E-SB-833A-06	SB-833A	6	6	20101012	150 U	--	1900 U	160 U	2900 J	340 U	210 U	380 J	140 U	160 U	5800 UR	290 U	410 U
E-SB-833A-10	SB-833A	10	10	20101012	1100 U	--	13000 U	1200 U	1400 U	2400 U	1500 U	820 U	980 U	1100 U	42000 UR	2100 U	3000 U
E-SB-833B-04	SB-833B	4	4	20101012	0.87 U	--	0.49 U	0.14 U	0.17 U	0.29 U	0.25 U	0.13 U	0.11 U	0.21 U	5.5 UR	0.38 U	0.2 U
E-SB-833B-06	SB-833B	6	6	20101012	1 U	--	0.58 U	0.16 U	0.2 U	0.34 U	0.3 U	0.16 U	0.13 U	0.25 U	6.6 UR	0.45 U	0.23 U
E-SB-833B-08	SB-833B	8	8	20101012	0.94 U	--	0.53 U	0.15 U	0.18 U	0.31 U	0.27 U	0.14 U	0.12 U	0.23 U	6 UR	0.41 U	0.21 U
E-SB-833B-10	SB-833B	10	10	20101012	1.1 U	--	0.61 U	0.17 U	0.21 U	0.36 U	0.32 U	0.16 U	0.14 U	0.26 U	6.9 UR	0.49 J	0.24 U
E-SB-833C-04	SB-833C	4	4	20101012	1 U	--	0.58 U	0.16 U	0.2 U	0.34 U	0.3 U	0.16 U	0.13 U	0.25 U	6.5 UR	0.45 U	0.23 U
E-SB-833C-06	SB-833C	6	6	20101012	1 U	--	0.58 U	0.17 U	0.2 U	0.35 U	0.3 U	0.16 U	0.13 U	0.25 U	6.6 UR	0.45 U	0.23 U
E-SB-833C-08	SB-833C	8	8	20101012	1.1 U	--	0.63 U	0.18 U	0.22 U	0.38 U	0.33 U	0.17 U	0.14 U	0.27 U	7.1 UR	0.49 U	0.25 U
E-SB-833C-10	SB-833C	10	10	20101012	0.92 U	--	0.51 U	0.15 U	0.18 U	0.31 U	0.27 U	0.14 U	0.11 U	0.22 U	5.8 UR	0.4 U	0.21 U
E-SB-833D-04	SB-833D	4	4	20101012	0.99 U	--	0.55 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.12 U	0.24 U	6.3 UR	0.43 U	0.22 U
E-SB-833D-06	SB-833D	6	6	20101012	1.1 U	--	0.64 U	0.18 U	0.22 U	0.38 U	0.33 U	0.17 U	0.14 U	0.28 U	7.2 UR	0.49 U	0.26 U
E-SB-833D-08	SB-833D	8	8	20101012	1.1 U	--	0.6 U	0.17 U	0.21 U	0.36 U	0.32 U	0.16 U	0.14 U	0.26 U	6.8 UR	0.47 U	0.24 U
E-SB-833D-10	SB-833D	10	10	20101012	4.7 U	--	59 U	5.1 U	6.1 U	11 U	6.5 U	3.6 U	4.3 U	5 U	310 J	9.1 U	13 U
E-SB-833E-06	SB-833E	6	6	20101012	280 U	--	4800 J	300 U	360 U	640 U	390 U	210 U	250 U	300 U	11000 UR	550 U	770 U
E-SB-833E-10	SB-833E	10	10	20101012	5.3 U	--	66 U	5.8 U	6.9 U	12 U	7.3 U	4 U	4.8 U	5.6 U	210 UR	10 U	15 U
E-SB-833F-04	SB-833F	4	4	20101012	5.5 U	--	68 U	5.9 U	7.1 U	12 U	7.5 U	4.1 U	4.9 U	5.7 U	210 UR	11 U	15 U
E-SB-833F-06	SB-833F	6	6	20101012	5.6 U	--	70 U	6.1 U	7.3 U	13 U	7.7 U	4.3 U	5.1 U	5.9 U	220 UR	11 U	15 U
E-SB-833F-08	SB-833F	8	8	20101012	5.3 U	--	110 J	5.7 U	6.8 U	12 U	7.2 U	4 U	4.7 U	5.5 U	200 UR	10 U	14 U
E-SB-833F-10	SB-833F	10	10	20101012	5.6 U	--	69 U	6 U	7.2 U	13 U	7.7 U	4.2 U	5 U	5.9 U	220 UR	11 U	15 U
E-SB-833G-06	SB-833G	6	6	20101012	0.87 U	--	0.49 U	0.14 U	0.17 U	0.29 U	0.25 U	0.13 U	0.11 U	0.21 U	5.5 UR	0.38 U	0.2 U
E-SB-833G-08	SB-833G	8	8	20101012	1 U	--	0.58 U	0.17 U	0.2 U	0.35 U	0.3 U	0.16 U	0.13 U	0.25 U	6.6 UR	2.6 J	0.23 U
E-SB-833G-10	SB-833G	10	10	20101012	1 U	--	0.56 U	0.16 U	0.19 U	0.34 U	0.29 U	0.15 U	0.13 U	0.24 U	6.4 UR	0.44 U	0.23 U
E-SB-833H-06	SB-833H	6	6	20101012	0.9 U	--	0.5 U	0.14 U	0.17 U	0.3 U	0.26 U	0.14 U	0.11 U	0.22 U	5.7 UR	0.69 J	0.2 U
E-SB-833H-08	SB-833H	8	8	20101012	7 U	--	87 U	7.6 U	9.1 U	16 U	9.6 U	5.3 U	6.4 U	7.4 U	270 UR	14 U	19 U
E-SB-833H-10	SB-833H	10	10	20101012	1.1 U	--	0.6 U	0.17 U	0.21 U	0.36 U	0.31 U	0.16 U	0.13 U	0.26 U	6.8 UR	2.2 J	0.24 U
E-SB-833I-08	SB-833I	8	8	20101013	120 U	--	1500 U	130 U	150 U	260 U	160 U	89 U	110 U	120 U	4500 UR	230 U	320 U
E-SB-833I-10	SB-833I	10	10	20101013	92 U	--	1100 U	99 U	120 U	210 U	130 U	70 U	83 U	96 U	3600 UR	180 U	270 J
E-SB-833J-04	SB-833J	4	4	20101013	1.1 U	--	0.62 U	0.17 U	0.21 U	0.37 U	0.32 U	0.17 U	0.14 U	0.27 U	7 UR	0.48 U	0.38 J
E-SB-833J-06	SB-833J	6	6	20101013	0.98 U	--	0.55 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.12 U	0.24 U	6.2 UR	0.43 U	0.27 J
E-SB-833J-08	SB-833J	8	8	20101013	0.99 U	--	0.56 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.12 U	0.24 U	6.3 UR	0.43 U	0.33 J
E-SB-833J-10	SB-833J	10	10	20101013	5 U	--	62 U	5.4 U	6.5 U	11 U	6.9 U	3.8 U	4.5 U	5.3 U	620 J	9.7 U	16 J
E-SB-833K-06	SB-833K	6	6	20101013	110 U	--	1400 U	120 U	140 U	250 U	150 U	84 U	100 U	120 U	4300 UR	210 U	300 U
E-SB-833K-08	SB-833K	8	8	20101013	6.1 U	--	76 U	6.6 U	7.9 U	14 U	8.3 U	4.6 U	5.5 U	6.4 U	240 UR	12 U	17 U
E-SB-833K-10	SB-833K	10	10	20101013	30 U	--	370 U	32 U	38 U	67 U	41 U	23 U	27 U	31 U	1200 UR	58 U	82 U
E-SB-833L-04	SB-833L	4	4	20101013	14 J	--	93 U	8.1 U	9.6 U	17 U	10 U	5.7 U	6.7 U	7.8 U	1200 J	14 U	48 J
E-SB-833L-06	SB-833L	6	6	20101013	5.6 U	--	69 U	6 U	7.2 U	13 U	7.7 U	4.2 U	5.1 U	5.9 U	720 J	11 U	16 J
E-SB-833L-08	SB-833L	8	8	20101013	570 U	--	9000 B	610 U	730 U	1300 U	780 U	430 U	510 U	590 U	22000 UR	1100 U	1600 U
E-SB-833M-04	SB-833M	4	4	20101013	1.1 U	--	0.63 U	0.18 U	0.22 U	0.38 U	0.33 U	0.17 U	0.14 U	0.27 U	7.2 UR	0.49 U	0.29 J
E-SB-833M-06	SB-833M	6	6	20101013	0.93 U	--	0.52 U	0.15 U	0.18 U	0.31 U	0.27 U	0.14 U	0.12 U	0.23 U	5.9 UR	0.4 U	0.21 J
E-SB-833M-08	SB-833M	8	8	20101013	1.1 U	--	0.63 U	0.18 U	0.22 U	0.37 U	0.33 U	0.17 U	0.14 U	0.27 U	7.1 UR	0.49 U	0.39 J
E-SB-833M-10	SB-833M	10	10	20101013	1 U	--	0.58 U	0.16 U	0.2 U	0.35 U	0.3 U	0.16 U	0.13 U	0.25 U	6.6 UR	0.45 U	0.25 J
E-SB-833N-04	SB-833N	4	4	20101014	1 U	--	0.57 U	0.16 U	0.2 U	0.34 U	0.3 U	0.15 U	0.13 U	0.25 U	6.5 UR	0.44 U	0.32 J
E-SB-833N-06	SB-833N	6	6	20101014	1.1 U	--	0.63 U	2.3 B	0.21 U	0.37 U	0.33 U	0.17 U	0.14 U	0.27 U	11 J	0.49 U	0.25 U
E-SB-833N-08	SB-833N	8	8	20101014	1.2 U	--	0.64 U	0.18 U	0.22 U	0.38 U	0.34 U	0.17 U	0.14 U	0.28 U	10 J	0.5 U	0.41 J
E-SB-833N-10	SB-833N	10	10	20101014	1.1 U	--	0.62 U	0.18 U	0.21 U	0.37 U	0.32 U	0.17 U	0.14 U	0.27 U	7 J	0.48 U	0.36 J
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUORO-METHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	3900	NA	NA	
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	NORMAL
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	NORMAL
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	NORMAL
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	NORMAL
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	NORMAL
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	NORMAL
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	NORMAL
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	NORMAL
E-SB-833-09	SB-833	9	9	20100916	21000 U	--	24000 U	25000 U	41000 U	46000 U	NORMAL
E-SB-833A-06	SB-833A	6	6	20101012	200 U	--	220 U	230 U	390 U	440 U	NORMAL
E-SB-833A-10	SB-833A	10	10	20101012	1400 U	--	1600 U	1700 U	2800 U	3100 U	NORMAL
E-SB-833B-04	SB-833B	4	4	20101012	0.49 U	--	0.3 U	0.3 U	0.25 U	0.28 U	NORMAL
E-SB-833B-06	SB-833B	6	6	20101012	0.58 U	--	0.35 U	0.36 U	0.29 U	0.34 U	NORMAL
E-SB-833B-08	SB-833B	8	8	20101012	0.53 U	--	0.32 U	0.33 U	0.27 U	0.31 U	NORMAL
E-SB-833B-10	SB-833B	10	10	20101012	0.61 U	--	0.37 U	0.38 U	0.31 U	0.35 U	NORMAL
E-SB-833C-04	SB-833C	4	4	20101012	0.58 U	--	0.35 U	0.36 U	0.29 U	0.34 U	NORMAL
E-SB-833C-06	SB-833C	6	6	20101012	0.58 U	--	0.36 U	0.36 U	0.3 U	0.34 U	NORMAL
E-SB-833C-08	SB-833C	8	8	20101012	0.63 U	--	0.38 U	0.39 U	0.32 U	0.37 U	NORMAL
E-SB-833C-10	SB-833C	10	10	20101012	0.51 U	--	0.31 U	0.32 U	0.26 U	0.3 U	NORMAL
E-SB-833D-04	SB-833D	4	4	20101012	0.55 U	--	0.34 U	0.35 U	0.28 U	0.32 U	NORMAL
E-SB-833D-06	SB-833D	6	6	20101012	0.64 U	--	0.39 U	0.4 U	0.32 U	0.37 U	NORMAL
E-SB-833D-08	SB-833D	8	8	20101012	0.6 U	--	0.37 U	0.38 U	0.31 U	0.35 U	NORMAL
E-SB-833D-10	SB-833D	10	10	20101012	6.2 U	--	7 U	7.4 U	12 U	14 U	NORMAL
E-SB-833E-06	SB-833E	6	6	20101012	370 U	--	420 U	440 U	730 U	820 U	NORMAL
E-SB-833E-10	SB-833E	10	10	20101012	7 U	--	7.9 U	8.3 U	14 U	15 U	NORMAL
E-SB-833F-04	SB-833F	4	4	20101012	7.1 U	--	8.1 U	8.6 U	14 U	16 U	NORMAL
E-SB-833F-06	SB-833F	6	6	20101012	7.3 U	--	8.3 U	8.8 U	15 U	16 U	NORMAL
E-SB-833F-08	SB-833F	8	8	20101012	6.9 U	--	7.8 U	8.2 U	14 U	15 U	NORMAL
E-SB-833F-10	SB-833F	10	10	20101012	7.3 U	--	8.3 U	8.7 U	14 U	16 U	NORMAL
E-SB-833G-06	SB-833G	6	6	20101012	0.49 U	--	0.3 U	0.31 U	0.25 U	0.28 U	NORMAL
E-SB-833G-08	SB-833G	8	8	20101012	0.58 U	--	0.36 U	2.2 J	0.3 U	0.34 U	NORMAL
E-SB-833G-10	SB-833G	10	10	20101012	0.56 U	--	0.34 U	0.35 U	0.29 U	0.33 U	NORMAL
E-SB-833H-06	SB-833H	6	6	20101012	0.5 U	--	0.31 U	0.32 J	0.26 U	0.29 U	NORMAL
E-SB-833H-08	SB-833H	8	8	20101012	9.2 U	--	10 U	11 U	18 U	20 U	NORMAL
E-SB-833H-10	SB-833H	10	10	20101012	0.6 U	--	0.37 U	0.59 J	0.3 U	0.35 U	NORMAL
E-SB-833I-08	SB-833I	8	8	20101013	150 U	--	170 U	180 U	300 U	340 U	NORMAL
E-SB-833I-10	SB-833I	10	10	20101013	120 U	--	140 U	140 U	240 U	270 U	NORMAL
E-SB-833J-04	SB-833J	4	4	20101013	0.62 U	--	0.38 U	0.39 U	0.31 U	0.36 U	NORMAL
E-SB-833J-06	SB-833J	6	6	20101013	0.55 U	--	0.34 U	0.34 U	0.28 U	0.32 U	NORMAL
E-SB-833J-08	SB-833J	8	8	20101013	0.56 U	--	0.34 U	0.35 U	0.28 U	0.32 U	NORMAL
E-SB-833J-10	SB-833J	10	10	20101013	6.6 U	--	7.5 U	7.9 U	13 U	15 U	NORMAL
E-SB-833K-06	SB-833K	6	6	20101013	140 U	--	160 U	170 U	290 U	320 U	NORMAL
E-SB-833K-08	SB-833K	8	8	20101013	8 U	--	9 U	9.5 U	16 U	18 U	NORMAL
E-SB-833K-10	SB-833K	10	10	20101013	39 U	--	44 U	47 U	77 U	87 U	NORMAL
E-SB-833L-04	SB-833L	4	4	20101013	14 J	--	11 U	12 U	19 U	22 U	NORMAL
E-SB-833L-06	SB-833L	6	6	20101013	7.3 U	--	8.3 U	8.8 U	14 U	16 U	NORMAL
E-SB-833L-08	SB-833L	8	8	20101013	740 U	--	840 U	890 U	1500 U	1600 U	NORMAL
E-SB-833M-04	SB-833M	4	4	20101013	0.63 U	--	0.39 U	0.4 U	0.32 U	0.37 U	NORMAL
E-SB-833M-06	SB-833M	6	6	20101013	0.52 U	--	0.32 U	0.33 U	0.26 U	0.3 U	NORMAL
E-SB-833M-08	SB-833M	8	8	20101013	0.63 U	--	0.38 U	0.39 U	0.32 U	0.37 U	NORMAL
E-SB-833M-10	SB-833M	10	10	20101013	0.58 U	--	0.35 U	0.36 U	0.29 U	0.34 U	NORMAL
E-SB-833N-04	SB-833N	4	4	20101014	0.57 U	--	0.35 U	0.36 U	0.29 U	0.33 U	NORMAL
E-SB-833N-06	SB-833N	6	6	20101014	0.63 U	--	0.38 U	0.39 U	0.32 U	0.36 U	NORMAL
E-SB-833N-08	SB-833N	8	8	20101014	0.64 U	--	0.39 U	0.4 U	0.33 U	0.37 U	NORMAL
E-SB-833N-10	SB-833N	10	10	20101014	0.62 U	--	0.38 U	0.39 U	0.32 U	0.36 U	NORMAL
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	NORMAL
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	NORMAL
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	NORMAL
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	NORMAL
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	NORMAL
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	NORMAL
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	NORMAL

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A) ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A) ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	78 U	78 U	78 U	78 U	78 U	78 U	78 U	78 U	78 U	78 U	78 U	78 U	78 U
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	METALS (MG/KG)												
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PARAMETERS (%)
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)		MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)						PCBS (UG/KG)		
					FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254
					MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	F	MG/KG	MG/KG	S.U.	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	18 U	23 U	23 U
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	16 U	22 U	22 U
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	14 U	18 U	18 U
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	14 U	18 U	18 U
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	17 U	23 U	23 U
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	17 U	22 U	22 U
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	81 U	110 U	110 U
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	15 U	19 U	44
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	14 U	18 U	18 U
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	72 U	94 U	94 U
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	14 U	18 U	18 U
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	1.6 U	0.92 U	1.4 U
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	1.6 U	0.91 U	1.4 U
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	150 U	87 U	130 U
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	1.5 U	0.87 U	1.3 U
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	1.6 U	0.92 U	1.4 U
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	1.5 U	0.87 U	1.3 U
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	1.6 U	0.94 U	1.4 U
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	1.5 U	0.86 U	1.3 U
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	1.6 U	0.94 U	1.4 U
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	1.6 U	0.95 U	1.4 U
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	1.6 U	0.94 U	1.4 U
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	1.6 U	0.92 U	1.4 U
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	1.6 U	0.93 U	1.4 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE				PESTICIDES (UG/KG)			PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS	
					AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDE	ENDOSULFAN SULFATE	ENDRIN ALDEHYDE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-836-03	SB-836	3	3	20100917	23 U	0 U	78	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	22 J	22	80	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	22 U	0 U	73.5	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	18 U	0 U	61.5	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	19 U	0 U	64.5	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	21 U	0 U	70	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	59	59	115.5	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	20 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	20 U	0 U	67	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	27 J	27	85	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	18 U	0 U	61.5	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	35 J	35	90.5	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	68	68	125.5	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	140	140	197	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	20 U	0 U	67	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	23 U	0 U	77	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	120	120	183	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	21 U	0 U	71	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	400	400	709	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	19 U	44	99.5	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	18 U	0 U	61.5	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	350	350	622.5	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	18 U	0 U	61	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	20 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	21 U	0 U	71	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	60	60	118	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-847-07	SB-847	7	7	20100913	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	8.7 J	8.7	13.16	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	35	35	39.355	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	200000	200000	200424	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	55	55	59.235	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	1.4 U	0 U	5.16	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	1.3 U	0 U	4.885	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	1.4 U	0 U	5.22	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	1.3 U	0 U	4.83	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	1.4 U	0 U	5.22	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	1.4 U	0 U	5.225	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	1.4 U	0 U	5.22	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	1.4 U	0 U	5.21	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	1.4 U	0 U	5.215	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	(UG/KG) ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	10000	10000	10000	NA	NA	NA	NA	NA	NA	NA
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)				
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE		RADIONUCLIDES (PCI/G)												
					URANIUM-238	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIOCHEMISTRY BY ALPHA	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									SEMIVOLATILES (UG/KG)				
					THORIUM-232	THORIUM-234	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	2-METHYLNAPHTHALENE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE	DIBENZOFURAN	DI-N-BUTYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TCLP METALS (MG/L)							TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)					
					ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS-	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			VOLATILES (UG/KG)											
					UNKNOWN [2.17]	UNKNOWN [3.57]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	530000	NA	NA	NA	NA	NA
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	BENZENE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	DICHLORODIFLUORO METHANE	ETHYLBENZENE	HEXANE	ISOPROPYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUORO-METHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	3900	NA	NA	
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	NORMAL
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	NORMAL
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	NORMAL
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	NORMAL
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	NORMAL
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	NORMAL
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	NORMAL
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	NORMAL
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	NORMAL
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	NORMAL
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	NORMAL
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	NORMAL
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	NORMAL
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	NORMAL
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	NORMAL
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	NORMAL
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	NORMAL
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	NORMAL
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	NORMAL
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	NORMAL
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	NORMAL
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	NORMAL
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	NORMAL
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	NORMAL
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	NORMAL
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	NORMAL
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	NORMAL
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	NORMAL
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	NORMAL
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	NORMAL
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	NORMAL
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	NORMAL
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	NORMAL
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	NORMAL
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	NORMAL
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	NORMAL
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	NORMAL
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	NORMAL
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	NORMAL
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	NORMAL
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	NORMAL
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	NORMAL
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	NORMAL
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	NORMAL
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	NORMAL
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	NORMAL
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	NORMAL
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	NORMAL
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	NORMAL
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	NORMAL
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	NORMAL
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	NORMAL
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	NORMAL
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	NORMAL
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	NORMAL
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	NORMAL
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	NORMAL
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	NORMAL
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	NORMAL
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	NORMAL
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	NORMAL
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	NORMAL

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A) ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A) ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	METALS (MG/KG)												
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	0.39 UL	2.5 L	14 J	0.24 B	0.036 J	8	1.7	5.8	--	2.2	--	0.021 J	0.29 B
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	0.39 UL	2.9 L	49	0.31 B	0.12 J	14	5	7.7	--	6.1	--	0.056 J	0.48 B
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	0.38 UL	1.9 L	17 J	0.28 B	0.035 U	7.3	3.2	4.7 L	--	2.8	--	0.017 U	0.27 B
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	0.39 UL	3.5	30	0.39 J	0.083 J	16	4.3	13	--	5	--	0.028 J	0.89 B
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	0.42 UL	3.2 L	34	0.59	0.2 J	11 J	5.3	5.4 L	--	10 J	--	0.022 J	0.47 J
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	1.8 U	2.5 J	9.2 J	0.5 J	0.17 U	9.6	1.9	5.4 J	--	4.7 K	--	0.017 U	1.3 U
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	0.41 UL	1.9 L	21	0.25 J	0.065 J	6.9	2.5	5.6	--	3.2	--	0.016 U	0.35 B
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	2 UL	2.2 J	11 J	1.3 B	0.18 U	17	4.1	8.5 J	--	5.6	--	0.017 U	1.4 U
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PARAMETERS (%)
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	PERCENT SOLIDS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MISCELLANEOUS PARAMETERS (%)
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	%
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	3.6 J	0.45 UL	0.1 U	0.55 U	--	--	--	--	--	--	16	12	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	7.2	0.45 UL	0.1 U	0.56 U	--	--	--	--	--	--	22	27	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	3.4 J	0.44 UL	0.098 U	0.54 U	--	--	--	--	--	--	13	11	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	7.1	0.44 UL	0.099 U	0.54 U	--	--	--	--	--	--	23	19	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	7.1	0.48 U	0.11 U	0.59 U	--	--	--	--	--	--	19	24	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	4.6	2.1 U	0.47 U	0.52 U	--	--	--	--	--	--	15	8.8	--
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	3.2 J	0.47 U	0.1 U	0.57 U	--	--	--	--	--	--	12	13	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	15	2.3 U	0.5 U	0.55 U	--	--	--	--	--	--	24	15	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)		MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)						PCBS (UG/KG)		
					FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254
					MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	F	MG/KG	MG/KG	S.U.	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	79 U	46 U	69 U
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	1.5 U	0.88 U	1.3 U
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	7.6 U	4.4 U	6.7 U
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	80000 U	47000 U	70000 U
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	31 U	18 U	27 U
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	780 U	450 U	680 U
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	7.7 U	4.5 U	6.7 U
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	1.6 U	0.91 U	1.4 U
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	1.6 U	0.92 U	1.4 U
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	1600 U	950 U	1400 U
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	1.5 U	0.87 U	1.3 U
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	1.6 U	0.91 U	1.4 U
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	1.6 U	0.93 U	1.4 U
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	1.6 U	0.93 U	1.4 U
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	1.6 U	0.92 U	1.4 U
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	1.6 U	0.92 U	1.4 U
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	1.5 U	0.88 U	1.3 U
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	1.5 U	0.9 U	1.3 U
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	1.6 U	0.91 U	1.4 U
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-887-2-6	E-SB-887	2	6	20120530	--	0.74 J	--	--	--	--	--	--	--	--	14 U	18 U	18 U
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-889-2-6	E-SB-889	2	6	20120530	--	0.56 J	--	--	--	--	--	--	--	--	15 U	20 U	48
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	14 U	18 U	43 J
E-SB-890-2-4	E-SB-890	2	4	20120530	--	1.1	--	--	--	--	--	--	--	--	150 U	190 U	3000
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	77 U	100 U	230
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	14 U	19 U	19 U
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-893-2-6	E-SB-893	2	6	20120530	--	0.63 J	--	--	--	--	--	--	--	--	14 U	19 U	240
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-896-2-6	E-SB-896	2	6	20120529	--	0.45 J	--	--	--	--	--	--	--	--	15 U	19 U	130
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-898-2-8	E-SB-898	2	8	20120530	--	0.33 J	--	--	--	--	--	--	--	--	14 U	19 U	19 U
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	14 U	19 U	19 U
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-900-2-6	E-SB-900	2	6	20120531	--	0.42 J	--	--	--	--	--	--	--	--	14 U	19 U	19 U
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	14 U	19 U	19 U
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-903-2-6	E-SB-903	2	6	20120531	--	0.29 U	--	--	--	--	--	--	--	--	14 U	18 U	18 U
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	14 U	19 U	19 U
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	14 U	18 U	18 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE				PESTICIDES (UG/KG)			PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS	
					AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDE	ENDOSULFAN SULFATE	ENDRIN ALDEHYDE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-852-12	SB-852	8	12	20110713	120000	120000	120221	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	970	970	974.24	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	4300	4300	4321.35	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	1.9E+07	1.9E+07	1.9E+07	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	9100	9100	9187.5	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	470000	470000	472175	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	2000	2000	2021.5	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	56 J	56	60.405	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	120 J	120	124.51	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	680000	680000	684525	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	540	540	544.235	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	1.4 U	0 U	5.105	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	1.4 U	0 U	5.215	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	1.4 U	0 U	5.215	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	21 J	21	25.46	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	1.4 U	0 U	5.16	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	1.3 U	0 U	4.89	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	1.3 U	0 U	4.9	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	1.4 U	0 U	5.055	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	44 J	44	100.5	--	--	--	--	--	--	43 U	15000 B	3.8 U	3.8 U
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	70 J	70	125.5	--	--	--	--	--	--	42 U	20000 B	3.8 U	3.8 U
E-SB-887-2-6	E-SB-887	2	6	20120530	18 U	0 U	61.5	0.42 U	0.95 B	1.1 U	--	--	--	43 U	19000 B	3.6 U	3.6 U
E-SB-887-6-10	E-SB-887	6	10	20120530	20 U	0 U	67.5	--	--	--	--	--	--	43 U	18000 B	3.9 U	3.9 U
E-SB-888-2-4	E-SB-888	2	4	20120530	66 J	66	121.5	--	--	--	--	--	--	45 U	17000 B	3.8 U	3.8 U
E-SB-888-6-10	E-SB-888	6	10	20120530	81 J	81	139	--	--	--	--	--	--	48 U	19000 B	3.9 U	3.9 U
E-SB-889-2-6	E-SB-889	2	6	20120530	20 U	48	106	3.2 J	5.1 U	5.9 U	--	--	--	46 U	12000 B	3.9 U	3.9 U
E-SB-889-6-10	E-SB-889	6	10	20120530	18 U	43	95.5	--	--	--	--	--	--	51 U	18000 B	3.6 U	3.6 U
E-SB-890-2-4	E-SB-890	2	4	20120530	190 U	3000	3555	24	9.8 U	35 K	--	--	--	12000	120000	29	29
E-SB-890-4-10	E-SB-890	4	10	20120530	100 U	230	516.5	--	--	--	--	--	--	280	19000 B	3.9 U	3.9 U
E-SB-891-2-6	E-SB-891	2	6	20120530	19 U	0 U	63.5	--	--	--	--	--	--	41 U	17000 B	3.6 U	3.6 U
E-SB-891-6-10	E-SB-891	6	10	20120530	19 U	0 U	65	--	--	--	--	--	--	41 U	18000 B	3.8 U	3.8 U
E-SB-892-2-6	E-SB-892	2	6	20120529	19 U	0 U	65	--	--	--	--	--	--	37 U	17000 B	3.8 U	3.8 U
E-SB-892-6-10	E-SB-892	6	10	20120529	47	47	102.5	--	--	--	--	--	--	37 U	17000 B	3.8 U	3.8 U
E-SB-893-2-6	E-SB-893	2	6	20120530	19 U	240	294.5	2.2 U	4.8 U	5.5 U	--	--	--	48 U	16000 B	3.6 UJ	3.6 UJ
E-SB-893-6-10	E-SB-893	6	10	20120530	20 U	0 U	66.5	--	--	--	--	--	--	44 U	18000 B	3.8 U	3.8 U
E-SB-894-2-6	E-SB-894	2	6	20120530	20 U	0 U	67.5	--	--	--	--	--	--	48 U	20000 B	3.9 U	3.9 U
E-SB-894-6-10	E-SB-894	6	10	20120530	20 U	0 U	67.5	--	--	--	--	--	--	47 U	13000 B	3.8 U	3.8 U
E-SB-895-2-6	E-SB-895	2	6	20120530	59	59	114.5	--	--	--	--	--	--	41 U	13000 B	3.7 U	3.7 U
E-SB-895-6-10	E-SB-895	6	10	20120530	98	98	156	--	--	--	--	--	--	300	13000 B	3.8 U	3.8 U
E-SB-896-2-6	E-SB-896	2	6	20120529	19 U	130	185.5	1.2 J	0.97 U	1.1 U	--	--	--	42 J	10000 U	3.7 U	3.7 U
E-SB-896-6-10	E-SB-896	6	10	20120529	21 U	0 U	71	--	--	--	--	--	--	49 U	16000 B	4.1 U	4.1 U
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	140	140	198.5	--	--	--	--	--	--	42 U	11000 U	3.9 U	3.9 U
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	20 U	0 U	68.5	--	--	--	--	--	--	43 U	11000 U	4 U	4 U
E-SB-898-2-8	E-SB-898	2	8	20120530	120	120	174	0.43 U	0.95 U	5.8 J	--	--	--	44 U	12000 B	3.6 U	3.6 U
E-SB-898-8-11	E-SB-898	8	11	20120530	120	120	177.5	--	--	--	--	--	--	41 U	13000 B	3.9 U	3.9 U
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	19 U	0 U	64	--	--	--	--	--	--	46 B	10000 U	3.7 U	3.7 U
E-SB-899-6-10	E-SB-899	6	10	20120529	19 U	0 U	65	--	--	--	--	--	--	37 U	17000 B	3.7 U	3.7 U
E-SB-900-2-6	E-SB-900	2	6	20120531	29 J	29	82.5	0.43 U	0.95 U	2.1 J	--	--	--	67 B	10000 U	3.6 U	3.6 U
E-SB-900-6-10	E-SB-900	6	10	20120531	19 U	0 U	64	--	--	--	--	--	--	37 U	10000 U	3.7 U	3.7 U
E-SB-900-6-10-D	E-SB-900	6	10	20120531	19 U	0 U	65	--	--	--	--	--	--	43 U	10000 U	3.7 U	3.7 U
E-SB-901-2-6	E-SB-901	2	6	20120531	19 U	0 U	65	--	--	--	--	--	--	44 B	11000 U	3.7 U	3.7 U
E-SB-901-6-10	E-SB-901	6	10	20120531	20 U	0 U	66.5	--	--	--	--	--	--	42 U	11000 U	3.8 U	3.8 U
E-SB-902-2-6	E-SB-902	2	6	20120530	20 U	0 U	67.5	--	--	--	--	--	--	45 U	11000 B	3.9 U	3.9 U
E-SB-902-6-10	E-SB-902	6	10	20120530	21 U	0 U	70.5	--	--	--	--	--	--	66 J	12000 B	4.1 U	4.1 U
E-SB-903-2-6	E-SB-903	2	6	20120531	18 U	0 U	61	0.42 U	1.2 J	1.1 U	--	--	--	37 U	9700 U	3.5 U	3.5 U
E-SB-903-6-10	E-SB-903	6	10	20120531	20 U	0 U	67	--	--	--	--	--	--	42 U	11000 U	3.8 U	3.8 U
E-SB-904-2-6	E-SB-904	2	6	20120531	140	140	195.5	--	--	--	--	--	--	47 U	11000 U	15 U	15 U
E-SB-904-6-10	E-SB-904	6	10	20120531	19 U	0 U	65	--	--	--	--	--	--	37 U	11000 U	3.8 U	3.8 U
E-SB-905-2-6	E-SB-905	2	6	20120531	19 U	0 U	64.5	--	--	--	--	--	--	49 B	730000 J	73 U	73 U
E-SB-905-2-6-D	E-SB-905	2	6	20120531	19 U	0 U	63.5	--	--	--	--	--	--	62 B	330000 J	36 U	36 U
E-SB-905-6-10	E-SB-905	6	10	20120531	19 U	0 U	65	--	--	--	--	--	--	1200	1.5E+07	190 U	190 U
E-SB-906-2-6	E-SB-906	2	6	20120531	18 U	0 U	61.5	--	--	--	--	--	--	37 U	720000 J	3.6 U	3.6 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	(UG/KG) ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	10000	10000	10000	NA	NA	NA	NA	NA	NA	NA
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-887-2-6	E-SB-887	2	6	20120530	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	1.2 U	3.6 U
E-SB-887-6-10	E-SB-887	6	10	20120530	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-888-2-4	E-SB-888	2	4	20120530	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-888-6-10	E-SB-888	6	10	20120530	3.9 U	3.9 U	4.6 J	21.973	20.023	--	21	15	20	9.6	7.5 J	18	3.9 U
E-SB-889-2-6	E-SB-889	2	6	20120530	3.9 U	3.9 U	4.7 J	33.799	31.849	--	27	24	36	17	12	29	3.9 U
E-SB-889-6-10	E-SB-889	6	10	20120530	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	1.2 U	3.6 U
E-SB-890-2-4	E-SB-890	2	4	20120530	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U
E-SB-890-4-10	E-SB-890	4	10	20120530	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-891-2-6	E-SB-891	2	6	20120530	3.6 U	3.6 U	3.6 U	11.0739	9.2739	--	8.9	7 J	8.9	4.7 J	4.7 J	6.9 J	3.6 U
E-SB-891-6-10	E-SB-891	6	10	20120530	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-892-2-6	E-SB-892	2	6	20120529	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-892-6-10	E-SB-892	6	10	20120529	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-893-2-6	E-SB-893	2	6	20120530	3.6 UJ	3.6 UJ	3.6 UJ	45.167	43.367	--	31 J	33 J	46 J	28 J	23 J	37 J	3.6 UJ
E-SB-893-6-10	E-SB-893	6	10	20120530	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-894-2-6	E-SB-894	2	6	20120530	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-894-6-10	E-SB-894	6	10	20120530	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-895-2-6	E-SB-895	2	6	20120530	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U
E-SB-895-6-10	E-SB-895	6	10	20120530	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-896-2-6	E-SB-896	2	6	20120529	13	3.7 U	24	65.689	65.689	--	57	44	62	29	24	49	6.9 J
E-SB-896-6-10	E-SB-896	6	10	20120529	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	1.4 U	4.1 U
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	3.9 U	3.9 U	16	102.832	100.882	--	77	76	120	56	50	82	3.9 U
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	4 U	4 U	4 U	7.3241	4.9041	--	6 J	4.3 J	4 U	4 U	4 U	4.1 J	4 U
E-SB-898-2-8	E-SB-898	2	8	20120530	3.6 U	3.6 U	3.6 U	8.304	6.504	--	6.8 J	4.8 J	6.1 J	4.2 J	3.8 J	6 J	3.6 U
E-SB-898-8-11	E-SB-898	8	11	20120530	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U
E-SB-899-6-10	E-SB-899	6	10	20120529	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U
E-SB-900-2-6	E-SB-900	2	6	20120531	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	1.2 U	3.6 U
E-SB-900-6-10	E-SB-900	6	10	20120531	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U
E-SB-900-6-10-D	E-SB-900	6	10	20120531	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U
E-SB-901-2-6	E-SB-901	2	6	20120531	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U
E-SB-901-6-10	E-SB-901	6	10	20120531	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-902-2-6	E-SB-902	2	6	20120530	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-902-6-10	E-SB-902	6	10	20120530	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	1.4 U	4.1 U
E-SB-903-2-6	E-SB-903	2	6	20120531	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	--	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	1.2 U	3.5 U
E-SB-903-6-10	E-SB-903	6	10	20120531	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-904-2-6	E-SB-904	2	6	20120531	15 U	15 U	15 U	15 U	15 U	--	15 U	15 U	15 U	15 U	15 U	5 U	15 U
E-SB-904-6-10	E-SB-904	6	10	20120531	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-905-2-6	E-SB-905	2	6	20120531	73 U	73 U	73 U	73 U	73 U	--	73 U	73 U	73 U	73 U	73 U	24 U	73 U
E-SB-905-2-6-D	E-SB-905	2	6	20120531	36 U	36 U	36 U	36 U	36 U	--	36 U	36 U	36 U	36 U	36 U	12 U	36 U
E-SB-905-6-10	E-SB-905	6	10	20120531	190 U	190 U	190 U	190 U	190 U	--	190 U	190 U	190 U	190 U	190 U	62 U	190 U
E-SB-906-2-6	E-SB-906	2	6	20120531	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	3.6 UJ	3.6 UJ	3.6 UJ	3.6 UJ	3.6 UJ	1.2 UJ	3.6 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G) THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	4.4 J	3.8 U	3.8 U	3.8 U	3.8 U	4.9 J	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	38	3.9 U	8.3	3.9 U	23	28	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	45	3.9 U	14	3.9 U	20	43	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	3.7 U	4.6 J	3.7 U	12	10	3.7 U	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	14	3.6 U	4.4 J	3.6 U	7.7	12	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	55 J	3.6 UJ	24 J	3.6 UJ	21 J	48 J	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	120	11	26	4.5 J	98	91	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	150	4.5 J	46	3.9 U	64	110	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	9.7	4 U	4 U	4 U	7.6 J	7.9 J	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	12	3.6 U	3.7 J	3.6 U	7 J	8.8	--	--	--	--	--	--	--
E-SB-898-8-11	E-SB-898	8	11	20120530	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	15 U	15 U	15 U	15 U	15 U	15 U	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	77 J	73 U	73 U	73 U	73 UJ	73 U	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	56 J	36 U	36 U	36 U	74 J	36 U	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	190 U	190 U	190 U	190 U	190 U	260 J	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	16 J	3.6 U	3.6 UJ	3.6 U	3.6 U	13 J	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE		RADIONUCLIDES (PCI/G)												
					URANIUM-238	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIOCHEMISTRY BY ALPHA	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									SEMIVOLATILES (UG/KG)				
					THORIUM-232	THORIUM-234	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	2-METHYLNAPHTHALENE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE	DIBENZOFURAN	DI-N-BUTYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TCLP METALS (MG/L)							TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)					
					ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS-	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			VOLATILES (UG/KG)											
					UNKNOWN [2.17]	UNKNOWN [3.57]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	530000	NA	NA	NA	NA	NA
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	BENZENE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	DICHLORODIFLUORO METHANE	ETHYLBENZENE	HEXANE	ISOPROPYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUORO-METHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	3900	NA	NA	
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	NORMAL
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	NORMAL
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	NORMAL
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	NORMAL
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	NORMAL
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	NORMAL
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	NORMAL
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	NORMAL
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	NORMAL
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	NORMAL
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	NORMAL
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	NORMAL
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	NORMAL
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	NORMAL
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	NORMAL
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	NORMAL
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	NORMAL
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	NORMAL
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	NORMAL
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	NORMAL
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	NORMAL
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	NORMAL
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	NORMAL
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	NORMAL
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	NORMAL
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	NORMAL
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	NORMAL
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	NORMAL
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	NORMAL
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	NORMAL
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	NORMAL
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	NORMAL
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	NORMAL
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	NORMAL
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	NORMAL
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	NORMAL
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	NORMAL
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	NORMAL
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	NORMAL
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	NORMAL
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	NORMAL
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	NORMAL
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	NORMAL
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	NORMAL
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	NORMAL
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	NORMAL
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	NORMAL
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	NORMAL
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	NORMAL
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	NORMAL
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	NORMAL
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	NORMAL
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	NORMAL
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	NORMAL
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	NORMAL
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	NORMAL
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	NORMAL
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	NORMAL
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	NORMAL
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	NORMAL
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	NORMAL
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	NORMAL

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A) ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A) ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	METALS (MG/KG)												
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	0.39 UL	3.6	6.4 J	0.42 J	0.036 U	18	3.4	7.2	--	2.3	--	0.017 U	0.35 B
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	1.9 UL	3.6 J	11 J	1.5 B	0.18 U	20	6.3	13	--	5.6	--	0.019 U	1.3 U
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	0.4 UL	4.6	35 J	0.56	0.074 J	17	3.2	6.9	--	8.1	--	0.027 J	0.58 J
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	0.42 UL	3.1	12 J	0.37 B	0.039 U	9.5	3.8	5.4	--	3.2	--	0.018 J	0.39 J
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	0.39 UL	0.81 J	10 J	1.6	0.036 U	17	3.3	8.6	--	3.8	--	0.019 U	0.27 U
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	1.9 U	1.5 J	16 J	1.2	0.17 U	13	4	12	--	6 L	--	0.016 J	1.3 U
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PARAMETERS (%)
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	5.2	0.45 U	0.1 U	0.55 U	--	--	--	--	--	--	34	11	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	21	2.2 U	0.5 U	0.55 U	--	--	--	--	--	--	30	39	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	6.3	0.72 J	0.1 U	0.57 U	--	--	--	--	--	--	26 J	24	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	4.8	0.48 U	0.11 U	0.59 U	--	--	--	--	--	--	18 J	13	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	9.8	0.45 U	0.1 U	0.55 U	--	--	--	--	--	--	23	27	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	18	2.2 U	0.48 U	0.53 U	--	--	--	--	--	--	18	32	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)		MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)						PCBS (UG/KG)		
					FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254
					MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	F	MG/KG	MG/KG	S.U.	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	14 U	19 U	19 U
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	14 U	19 U	19 U
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-908-2-6	E-SB-908	2	6	20120531	--	0.3 U	--	--	--	--	--	--	--	--	14 U	19 U	19 U
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-909-2-6	E-SB-909	2	6	20120531	--	0.32 U	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	13 U	17 U	17 U
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	14 U	18 U	18 U
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-958-2-3	E-SB-958	2	3	20120628	--	0.31 U	--	--	--	--	--	--	--	--	150 U	200 U	200 U
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	14 U	18 U	18 U
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	0.3 U	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-971-2-3	E-SB-971	2	3	20120627	--	0.31 U	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	14 U	19 U	19 U
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	0.32 U	--	--	--	--	--	--	--	--	16 U	20 U	20 U
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	20 J	19 U	19 U
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	30 U	39 U	39 U
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	750 U	980 U	980 U
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	750 U	980 U	980 U
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	14 U	18 U	18 U
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	17 U	22 U	22 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE				PESTICIDES (UG/KG)			PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS	
					AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDE	ENDOSULFAN SULFATE	ENDRIN ALDEHYDE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-906-2-6-D	E-SB-906	2	6	20120531	19 U	0 U	63.5	--	--	--	--	--	--	55 B	2000000 J	3.6 U	3.6 U
E-SB-906-6-10	E-SB-906	6	10	20120531	20 U	0 U	66.5	--	--	--	--	--	--	43 U	4800000	38 U	38 U
E-SB-907-2-6	E-SB-907	2	6	20120531	19 U	0 U	63.5	--	--	--	--	--	--	39 U	10000 U	3.6 U	3.6 U
E-SB-907-6-10	E-SB-907	6	10	20120531	19 U	0 U	65	--	--	--	--	--	--	39 U	11000 U	3.8 U	3.8 U
E-SB-908-2-6	E-SB-908	2	6	20120531	19 U	0 U	63	0.43 U	0.95 U	1.1 U	--	--	--	38 U	10000 U	3.6 U	3.6 U
E-SB-908-6-10	E-SB-908	6	10	20120531	19 U	0 U	65	--	--	--	--	--	--	45 B	10000 U	3.7 U	3.7 U
E-SB-909-2-6	E-SB-909	2	6	20120531	20 U	0 U	67.5	0.46 U	1 U	1.2 U	--	--	--	47 B	17000 B	3.8 U	3.8 U
E-SB-909-6-10	E-SB-909	6	10	20120531	20 U	0 U	68	--	--	--	--	--	--	45 U	11000 U	3.9 U	3.9 U
E-SB-910-2-6	E-SB-910	2	6	20120531	20 U	0 U	66.5	--	--	--	--	--	--	41 U	11000 U	3.8 U	3.8 U
E-SB-910-6-10	E-SB-910	6	10	20120531	19 U	0 U	65	--	--	--	--	--	--	47 U	11000 U	5.6 J	7.8
E-SB-955-2-3	E-SB-955	2	3	20120629	17 U	0 U	57.5	--	--	--	--	--	--	--	--	9.2 U	9.2 U
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	18 U	0 U	61	--	--	--	--	--	--	--	--	3.5 U	3.5 U
E-SB-956-2-3	E-SB-956	2	3	20120628	29 J	29	86	--	--	--	--	--	--	--	--	3.8 U	7.9
E-SB-956-3-4	E-SB-956	3	4	20120628	19 U	0 U	65	--	--	--	--	--	--	--	--	8.4	15
E-SB-957-2-3	E-SB-957	2	3	20120628	320	320	375	--	--	--	--	--	--	--	--	3.7 U	3.7 U
E-SB-957-3-4	E-SB-957	3	4	20120628	23 J	23	81	--	--	--	--	--	--	--	--	4.4 U	4.4 U
E-SB-958-2-3	E-SB-958	2	3	20120628	3000	3000	3565	--	--	--	--	--	--	--	--	3.7 U	3.7 U
E-SB-958-3-4	E-SB-958	3	4	20120628	290	290	347.5	--	--	--	--	--	--	--	--	3.9 U	3.9 U
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	3.5 U	3.5 U
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	4.8 U	4.8 U
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	19 U	0 U	64.5	--	--	--	--	--	--	--	--	3.7 U	3.7 U
E-SB-961-2-3	E-SB-961	2	3	20120628	18 U	0 U	61	--	--	--	--	--	--	--	--	3.5 U	3.5 U
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	19 U	0 U	65	--	--	--	--	--	--	--	--	3.7 U	3.7 U
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	3.5 UJ	3.5 UJ
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	3.7 UJ	3.7 UJ
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	20 U	0 U	67	--	--	--	--	--	--	--	--	3.8 U	3.8 U
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	20 U	0 U	68	--	--	--	--	--	--	--	--	3.9 U	3.9 U
E-SB-971-2-3	E-SB-971	2	3	20120627	20 U	0 U	66.5	--	--	--	--	--	--	--	--	3.8 U	3.8 U
E-SB-972-2-3	E-SB-972	2	3	20120629	19 U	0 U	65	--	--	--	--	--	--	--	--	3.7 U	3.7 U
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	19 U	0 U	65	--	--	--	--	--	--	--	--	3.8 U	3.8 U
E-SB-973-2-3	E-SB-973	2	3	20120629	20 U	0 U	68	--	--	--	--	--	--	--	--	10 J	14 J
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-3-4	E-SB-973	3	4	20120629	19 U	0 U	63.5	--	--	--	--	--	--	--	--	3.7 U	3.7 U
E-SB-974-2-3	E-SB-974	2	3	20120629	20 U	0 U	67	--	--	--	--	--	--	--	--	3.9 U	3.9 U
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	20 U	0 U	67	--	--	--	--	--	--	--	--	3.8 U	3.8 U
E-SB-975-2-3	E-SB-975	2	3	20120629	19 U	0 U	65	--	--	--	--	--	--	--	--	19 U	72
E-SB-975-3-4	E-SB-975	3	4	20120629	20 U	0 U	68.5	--	--	--	--	--	--	--	--	57	140
E-SB-976-2-3	E-SB-976	2	3	20120629	20 U	0 U	67	--	--	--	--	--	--	--	--	3.8 U	3.8 U
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	20 U	0 U	68.5	--	--	--	--	--	--	--	--	3.9 U	3.9 U
E-SB-977-2-3	E-SB-977	2	3	20120629	19 U	20	77.5	--	--	--	--	--	--	--	--	3.7 U	3.7 U
E-SB-977-3-4	E-SB-977	3	4	20120629	20 U	0 U	67	--	--	--	--	--	--	--	--	3.8 U	3.8 U
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	860	860	972.5	--	--	--	--	--	--	--	--	3.8 U	3.8 U
E-SB-979-2-3	E-SB-979	2	3	20120628	19 U	0 U	65	--	--	--	--	--	--	--	--	3.7 U	3.7 U
E-SB-979-3-4	E-SB-979	3	4	20120628	19 U	0 U	64.5	--	--	--	--	--	--	--	--	140	210
E-SB-980-2-3	E-SB-980	2	3	20120628	87	87	142.5	--	--	--	--	--	--	--	--	3.8 U	3.8 U
E-SB-980-3-4	E-SB-980	3	4	20120628	29 J	29	84.5	--	--	--	--	--	--	--	--	3.7 U	3.7 U
E-SB-981-2-3	E-SB-981	2	3	20120628	6500	6500	9315	--	--	--	--	--	--	--	--	3.8 U	3.8 U
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	6000	6000	8815	--	--	--	--	--	--	--	--	3.8 U	3.8 U
E-SB-982-2-3	E-SB-982	2	3	20120628	18 U	0 U	61.5	--	--	--	--	--	--	--	--	3.6 U	3.6 U
E-SB-982-3-4	E-SB-982	3	4	20120628	19 U	0 U	65	--	--	--	--	--	--	--	--	3.7 U	3.7 U
E-SB-983-2-4	E-SB-983	2	4	20120719	20 U	0 U	67.5	--	--	--	--	--	--	--	--	3.9 U	3.9 U
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	22 U	0 U	75	--	--	--	--	--	--	--	--	4.3 U	4.3 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	(UG/KG) ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	10000	10000	10000	NA	NA	NA	NA	NA	NA	NA
E-SB-906-2-6-D	E-SB-906	2	6	20120531	3.6 U	3.6 U	3.6 U	37.372	35.572	--	14 J	28 J	31 J	28 J	15 J	22 J	3.6 U
E-SB-906-6-10	E-SB-906	6	10	20120531	38 U	38 U	38 U	190.877	171.687	--	110	140	46 J	120	38 U	87	38 U
E-SB-907-2-6	E-SB-907	2	6	20120531	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	1.2 U	3.6 U
E-SB-907-6-10	E-SB-907	6	10	20120531	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-908-2-6	E-SB-908	2	6	20120531	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	1.2 U	3.6 U
E-SB-908-6-10	E-SB-908	6	10	20120531	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U
E-SB-909-2-6	E-SB-909	2	6	20120531	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-909-6-10	E-SB-909	6	10	20120531	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-910-2-6	E-SB-910	2	6	20120531	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-910-6-10	E-SB-910	6	10	20120531	9.4	3.8 U	5.1 J	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-955-2-3	E-SB-955	2	3	20120629	9.2 U	9.2 U	9.2 UL	9.2 U	9.2 U	--	9.2 UL	9.2 U	9.2 U	9.2 U	9.2 U	3.1 U	9.2 U
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	--	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	1.2 U	3.5 U
E-SB-956-2-3	E-SB-956	2	3	20120628	18	3.8 U	8.4 L	27.165	25.265	--	21 L	19	26	16	14	25 L	3.8 U
E-SB-956-3-4	E-SB-956	3	4	20120628	7.7	3.7 U	8 L	29.63	27.78	--	26 L	20	34	18	15	30 L	3.7 U
E-SB-957-2-3	E-SB-957	2	3	20120628	3.7 U	3.7 U	3.7 UL	10.8476	8.6091	--	3.7 UL	7.5	11	3.7 U	3.7 U	9.1 L	3.7 U
E-SB-957-3-4	E-SB-957	3	4	20120628	4.4 U	4.4 U	4.4 UL	4.4 U	4.4 U	--	4.4 UL	4.4 U	4.4 U	4.4 U	4.4 U	1.5 UL	4.4 U
E-SB-958-2-3	E-SB-958	2	3	20120628	3.7 U	3.7 U	12 L	62.418	60.568	--	54 L	46	58	36	31	58 L	3.7 U
E-SB-958-3-4	E-SB-958	3	4	20120628	3.9 U	3.9 U	3.9 UL	3.9 U	3.9 U	--	3.9 UL	3.9 U	3.9 U	3.9 U	3.9 U	1.3 UL	3.9 U
E-SB-959-2-3	E-SB-959	2	3	20120628	3.5 U	3.5 U	3.5 UL	10.1694	8.2269	--	6.2 J	6.6 J	10	3.5 U	3.5 U	6.9 J	3.5 U
E-SB-959-3-4	E-SB-959	3	4	20120628	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U	--	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U	1.6 U	4.8 U
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U
E-SB-961-2-3	E-SB-961	2	3	20120628	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	--	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	1.2 U	3.5 U
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	3.5 UJ	3.5 UJ	3.5 UJ	16.5575	14.615	--	12 J	12 J	14 J	3.5 UJ	3.5 UJ	15 J	3.5 UJ
E-SB-968-3-4	E-SB-968	3	4	20120627	3.7 UJ	3.7 UJ	3.7 UJ	4.9791	0.89	--	3.7 UJ	3.7 UJ	8.9 J	3.7 UJ	3.7 UJ	1.2 UJ	3.7 UJ
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-971-2-3	E-SB-971	2	3	20120627	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-972-2-3	E-SB-972	2	3	20120629	3.7 U	3.7 U	3.7 U	16.8	14.95	--	14	11	17	8.6	5.8 J	12	3.7 U
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	3.8 U	3.8 U	5.4 J	25.199	23.299	--	20	18	22	13	7.8	21	3.8 U
E-SB-973-2-3	E-SB-973	2	3	20120629	83 J	3.9 UJ	120 J	322.47	322.47	--	270 J	210 J	290 J	140 J	120 J	270 J	42 J
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-3-4	E-SB-973	3	4	20120629	13	3.7 U	23	58.629	58.629	--	53	40	54	24	18	49	5.6 J
E-SB-974-2-3	E-SB-974	2	3	20120629	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-975-2-3	E-SB-975	2	3	20120629	19 U	19 U	45	115.891	106.391	--	100	82	84	54	60	91	19 U
E-SB-975-3-4	E-SB-975	3	4	20120629	170	9.9 U	98	246.15	246.15	--	170	150	210	86	97	180	45
E-SB-976-2-3	E-SB-976	2	3	20120629	3.8 U	3.8 U	3.8 U	8.2246	6.1156	--	6 J	4.9 J	6.1 J	3.8 U	3.8 U	5.6 J	3.8 U
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-977-2-3	E-SB-977	2	3	20120629	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U
E-SB-977-3-4	E-SB-977	3	4	20120629	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	3.8 U	3.8 U	3.8 U	30.124	28.224	--	21	22	28	16	10	24	3.8 U
E-SB-979-2-3	E-SB-979	2	3	20120628	3.7 U	3.7 U	3.7 UL	3.7 U	3.7 U	--	3.7 UL	3.7 U	3.7 U	3.7 U	3.7 U	1.2 UL	3.7 U
E-SB-979-3-4	E-SB-979	3	4	20120628	130	3.7 U	210 L	361.59	361.59	--	330 L	250	310	120	130	290 L	35
E-SB-980-2-3	E-SB-980	2	3	20120628	3.8 U	3.8 U	3.8 UL	3.8 U	3.8 U	--	3.8 UL	3.8 U	3.8 U	3.8 U	3.8 U	1.3 UL	3.8 U
E-SB-980-3-4	E-SB-980	3	4	20120628	3.7 U	3.7 U	3.7 UL	3.7 U	3.7 U	--	3.7 UL	3.7 U	3.7 U	3.7 U	3.7 U	1.2 UL	3.7 U
E-SB-981-2-3	E-SB-981	2	3	20120628	3.8 U	3.8 U	3.8 UL	3.8 U	3.8 U	--	3.8 UL	3.8 U	3.8 U	3.8 U	3.8 U	1.3 UL	3.8 U
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	3.8 U	3.8 U	3.8 UL	3.8 U	3.8 U	--	3.8 UL	3.8 U	3.8 U	3.8 U	3.8 U	1.3 UL	3.8 U
E-SB-982-2-3	E-SB-982	2	3	20120628	3.6 U	3.6 U	3.6 UL	21.463	19.663	--	15 L	15	22	8.6	8.6	17 L	3.6 U
E-SB-982-3-4	E-SB-982	3	4	20120628	3.7 U	3.7 U	3.7 UL	3.7 U	3.7 U	--	3.7 UL	3.7 U	3.7 U	3.7 U	3.7 U	1.2 UL	3.7 U
E-SB-983-2-4	E-SB-983	2	4	20120719	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	4.3 U	4.3 U	4.3 U	18.441	16.291	--	15	11	15	8.1 J	7.7 J	14	4.3 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G) THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-906-2-6-D	E-SB-906	2	6	20120531	39 J	3.6 U	29 J	3.6 U	3.6 U	30 J	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	360	38 U	160	38 U	38 U	270	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	5.5 J	15	3.8 U	3.8 J	23	3.8 U	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	9.2 U	9.2 U	9.2 U	9.2 U	9.2 U	9.2 UL	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	45 L	18	14	37	53 L	35 L	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	42 L	8.4	16	17	37 L	37 L	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	12 L	3.7 U	3.7 U	3.7 U	3.7 UL	13 L	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	4.4 UL	4.4 U	4.4 U	4.4 U	4.4 UL	4.4 UL	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	93 L	3.7 U	30	3.7 U	54 L	80 L	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	3.9 UL	3.9 U	3.9 U	3.9 U	3.9 UL	3.9 UL	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	12	3.5 U	3.5 U	3.5 U	5.1 J	11 L	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	15 J	3.5 UJ	3.5 UJ	3.5 UJ	8.9 J	18 J	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	8.2 J	3.7 UJ	3.7 UJ	3.7 UJ	3.7 UJ	10 J	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	26	3.7 U	7.8	3.7 U	14	21	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	39	3.8 U	10	3.8 U	20	32	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	590 J	62 J	130 J	40 J	510 J	480 J	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-3-4	E-SB-973	3	4	20120629	110	9.4	21	4.4 J	89	85	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	170	39	53	59	170	140	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	360	170	120	210	220	280	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	9.9	3.8 U	3.8 U	3.8 U	6.4 J	8	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	4 J	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	33	3.8 U	12	3.8 U	10	33	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	3.7 UL	3.7 U	3.7 U	3.7 U	3.7 UL	3.7 UL	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	730 L	160	110	120	820 L	550 L	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	3.8 UL	3.8 U	3.8 U	3.8 U	3.8 UL	3.8 UL	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	3.7 UL	3.7 U	3.7 U	3.7 U	3.7 UL	3.7 UL	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	3.8 UL	3.8 U	3.8 U	3.8 U	3.8 UL	3.8 UL	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	3.8 UL	3.8 U	3.8 U	3.8 U	3.8 UL	3.8 UL	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	18 L	3.6 U	8.6	3.6 U	3.6 UL	18 L	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	3.7 UL	3.7 U	3.7 U	3.7 U	3.7 UL	3.7 UL	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	22	3.9 U	3.9 U	4.7 J	3.9 U	3.9 U	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	49	4.3 U	22	4.3 U	13	21	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE		RADIONUCLIDES (PCI/G)												
					URANIUM-238	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIOCHEMISTRY BY ALPHA	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	0.345 J	0.232 J
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	0.527 J	0.517 J
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	0.472 J	0.303 J
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	0.794 J	0.33 J
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	0.23 J	0.136 J
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	0.402 J	0.361 J
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	0.294 J	0.289 J
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	0.347 J	0.259 J
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	0.338 J	0.249 J
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	0.593 J	0.67 J
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	0.257 J	0.248 J
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	0.267 J	0.398 J
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									SEMIVOLATILES (UG/KG)				
					THORIUM-232	THORIUM-234	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	2-METHYLNAPHTHALENE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	0.317 J	--	0.397 J	--	--	0.00937 U	--	0.108 U	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	0.664 J	--	0.388 J	--	--	0.0215 U	--	0.365 J	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	0.563 J	--	0.25 J	--	--	-0.0018 U	--	0.356 J	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	0.729 J	--	0.221 J	--	--	0.0125 U	--	0.325 J	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	0.276 J	--	0.233 J	--	--	-0.0015 U	--	0.16 J	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	0.337 J	--	0.309 J	--	--	0.0224 U	--	0.3 J	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	0.29 J	--	0.406 J	--	--	0.0439 U	--	0.23 J	--	--	--	--	--
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	0.372 J	--	0.265 J	--	--	0.0362 U	--	0.277 J	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	0.398 J	--	0.56 J	--	--	0.114 J	--	0.246 J	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	0.582 J	--	0.305 J	--	--	0.0123 U	--	0.234 J	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	0.204 J	--	6.27	--	--	0.125 J	--	0.811 J	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	0.398 J	--	7.28	--	--	0.253 J	--	0.959 J	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE	DIBENZOFURAN	DI-N-BUTYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TCLP METALS (MG/L)							TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)					
					ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS-	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			VOLATILES (UG/KG)											
					UNKNOWN [2.17]	UNKNOWN [3.57]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	530000	NA	NA	NA	NA	NA
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	BENZENE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	DICHLORODIFLUORO METHANE	ETHYLBENZENE	HEXANE	ISOPROPYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUORO-METHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	3900	NA	NA	
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	NORMAL
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	NORMAL
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	NORMAL
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	NORMAL
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	NORMAL
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	NORMAL
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	NORMAL
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	NORMAL
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	NORMAL
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	NORMAL
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	NORMAL
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	NORMAL
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	NORMAL
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	NORMAL
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	NORMAL
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	NORMAL
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	NORMAL
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	NORMAL
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	NORMAL
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	NORMAL
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	NORMAL
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	NORMAL
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	NORMAL
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	NORMAL
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	NORMAL
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	NORMAL
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	NORMAL
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	NORMAL
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	NORMAL
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	NORMAL
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	NORMAL
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	NORMAL
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	NORMAL
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	NORMAL
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	NORMAL
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	NORMAL
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	NORMAL
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	NORMAL
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	NORMAL
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	NORMAL
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	NORMAL
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	NORMAL
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	NORMAL
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	NORMAL
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	NORMAL
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	NORMAL
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	NORMAL
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	NORMAL
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	NORMAL
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	NORMAL
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	NORMAL
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	NORMAL
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	NORMAL
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	NORMAL
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	NORMAL
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	NORMAL
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	NORMAL
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	BACKFILL
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	NORMAL
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	NORMAL
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	NORMAL
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	NORMAL

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A) ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A) ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-10	SB-001	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	METALS (MG/KG)												
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	0.11 J	1.6 K	12.3	4.5	0.012 J	13.3	11.5 J	13.5 J	37200 J	4.4 J	242	0.017 U	0.27
I-SB-33-07	BLI-SB-33	7	7	20100924	0.15 J	3.6	8.4	2	0.028 J	10.7	14.3	17.5	13200	4	131	0.018 U	0.28
I-SB-34-03	BLI-SB-34	3	3	20100924	0.087 J	1.6	4.7	0.59	0.01 J	7.2	3.2	7.3	8480	2.2 L	32.3	0.019 U	0.18 J
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	3.6 UL	5.5 L	--	3.6	3.6 U	26 J	--	45	--	7.7	--	0.14 U	--
SB-1-10	SB-001	10	10	20031120	3.4 UL	1.8 L	--	3.4 U	3.4 U	13 B	--	17	--	5	--	0.13 U	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND
PAGE 323 OF 400

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PARAMETERS (%)
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	19.2 J	1 L	0.019 U	0.037 B	--	--	--	--	--	--	17.3 J	58.6 J	--
I-SB-33-07	BLI-SB-33	7	7	20100924	15.5	1.2	0.02 U	0.035 B	--	--	--	--	--	--	22.7	28.2	--
I-SB-34-03	BLI-SB-34	3	3	20100924	6.2	0.75	0.02 U	0.016 U	--	--	--	--	--	--	11.1	8.7	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	75
SB-1-05	SB-001	5	5	20031120	14	3.6 U	3.6 UR	2.9 U	--	--	--	--	--	--	--	79	70
SB-1-10	SB-001	10	10	20031120	30	3.4 U	3.4 UR	2.7 U	--	--	--	--	--	--	--	76	74
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	75
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	75
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	81
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	80
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	75
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	79
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	70
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	70
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	80
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	74
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	77

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)		MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)						PCBS (UG/KG)		
					FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254
					MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	F	MG/KG	MG/KG	S.U.	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	73 U	95 U	95 U
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	77 U	100 U	100 U
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	150000 U	200000 U	200000 U
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	79 U	100 U	100 U
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	75 U	99 U	99 U
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	14 U	18 U	18 U
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	14 U	19 U	19 U
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	730 U	960 U	960 U
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	150 U	200 U	200 U
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	71 U	93 U	93 U
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	15 U	20 U	20 U
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	7100 U	9300 U	150000
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	310 U	400 U	400 U
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	70 U	92 U	92 U
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	76 U	100 U	100 U
E-VB-13-072913-0-3-	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	75.5 U	99 U	99 U
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	75 U	98 U	98 U
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	700 U	910 U	15000
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	15 U	19 U	310
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	14000 U	19000 U	260000
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	150 U	200 U	200 U
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	15 U	19 U	19 U
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	71 U	93 U	3400
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	--	--	14 U	10 U	18 U
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	--	--	650 U	470 U	830 U
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-	9	10	20050517	--	--	690 J	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	--	--	--	--	--	13 U	9.4 U	16 U
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	--	--	13 U	9.2 U	16 U
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	--	--	13 U	9.4 U	16 U
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	--	--	65 U	47 U	83 U
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	--	--	69 U	50 U	88 U
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	--	--	--	--	--	--	--	72 U	72 U	72 U
SB-1-10	SB-001	10	10	20031120	--	--	--	--	--	--	--	--	--	--	67 U	67 U	67 U
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE				PESTICIDES (UG/KG)			PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS	
					AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDE	ENDOSULFAN SULFATE	ENDRIN ALDEHYDE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-983-6-8	E-SB-983	6	8	20120719	21 U	0 U	72	--	--	--	--	--	--	--	--	4.1 U	4.1 U
E-SB-983-8-10	E-SB-983	8	10	20120719	21 U	0 U	70	--	--	--	--	--	--	--	--	4 U	4 U
E-SB-984-2-3	E-SB-984	2	3	20130410	290	290	565	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	860	860	1147.5	--	--	--	--	--	--	--	--	3.9 U	3.9 U
E-SB-984-4-6	E-SB-984	4	6	20120724	1700000	1700000	2265000	--	--	--	--	--	--	20000 U	750000	3.8 UJ	3.8 UJ
E-SB-984-6-8	E-SB-984	6	8	20120724	340	340	635.5	--	--	--	--	--	--	--	--	3.9 U	3.9 U
E-SB-984-8-10	E-SB-984	8	10	20120724	400	400	460.5	--	--	--	--	--	--	--	--	3.9 U	3.9 U
E-SB-985-2-3	E-SB-985	2	3	20130410	660	660	943.5	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	20 U	0 U	67	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	18 U	0 U	61.5	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	34 J	34	89.5	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	23 J	23	78.5	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	39	39	94.5	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	42	42	97.5	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	34 J	34	90.5	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	140	140	195.5	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	75	75	129.5	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	5500	5500	8270	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	550	550	1125	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	31 J	31	86.5	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	31 J	31	86.5	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	93 U	0 U	311.5	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	58	58	114.5	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	9300 U	150000	176600	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	1400	1400	2555	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	350	350	613.5	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	290	290	576	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-	E-VB-13	0	3	20130729	340	340	624	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	390 J	390	672	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	910 U	15000	17615	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	19 U	310	365.5	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	19000 U	260000	314000	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	220 J	220	790	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	36 J	36	91.5	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	93 U	3400	3665	--	--	--	--	--	--	--	--	--	--
EW1-051616	EW1	5	5	20160516	820	820	887.5	--	--	--	28	--	--	60 U	--	--	--
EW2-051616	EW2	5	5	20160516	7600	7600	10685	--	--	--	460	--	--	54 U	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	24000	53 U	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	21 U	0 U	71	--	--	--	--	3400 UJ	57 UJ	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	21 U	0 U	71	--	--	--	--	5800 J	57 U	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	11 U	0 U	66.2	--	--	--	69	--	--	55 U	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	10 U	0 U	65.1	--	--	--	110	--	--	53 U	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	11 U	0 U	66.7	--	--	--	50	--	--	1100	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	460	460	768	--	--	--	34	--	--	55 U	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	610	610	939	--	--	--	510	--	--	58 U	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	20000 U	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	72 U	0 U	252	--	--	--	--	29000 U	140 U	--	--	--	480 U
SB-1-10	SB-001	10	10	20031120	67 U	0 U	234.5	--	--	--	--	27000 U	130 U	--	--	--	450 U
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	27000 U	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	27000 U	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	25000 U	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	25000 U	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	27000 U	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	25000 U	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	28000 UJ	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	29000 U	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	56000	--	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	27000 U	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	26000 U	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	(UG/KG) ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	10000	10000	10000	NA	NA	NA	NA	NA	NA	NA
E-SB-983-6-8	E-SB-983	6	8	20120719	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	1.4 U	4.1 U
E-SB-983-8-10	E-SB-983	8	10	20120719	4 U	4 U	4 U	4 U	4 U	--	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-984-4-6	E-SB-984	4	6	20120724	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U
E-SB-984-6-8	E-SB-984	6	8	20120724	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-984-8-10	E-SB-984	8	10	20120724	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	0.88 U	0.4 U	0.9 U	12.1025	11.7185	--	9	8.9	13	7.8	0.79 U	8.5	0.76 U
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	220	22 J	520	2540.1	2540.1	--	1700	1700	2300	1300	840	1700	320
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	0.82 U	0.38 U	16	146.205	145.85	--	110	110	160	110	62	130	0.71 U
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	16	9.4	42	428.87	428.87	--	270	280	530	160	150	370	51
E-VB-13-072913-0-3-	E-VB-13	0	3	20130729	17.5	9.45	43.5	500.68	500.68	--	300	310	680	225	180	380	69
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	19	9.5	45	572.49	572.49	--	330	340	830	290	210	390	87
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	0.88 U	0.41 U	0.91 U	9.6331	9.2481	--	6.5 J	7 J	10	6.3 J	4.2 J	6.1 J	0.77 U
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	0.85 U	0.39 U	0.87 U	6.1377	5.7444	--	5.2 J	4.6 J	6.2 J	4.4 J	0.76 U	4.4 J	0.74 U
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	0.82 U	8.3	7.7	50.105	50.105	--	33	32	47	28	17	35	7.5
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	480 U	480 U	480 U	480 U	480 U	80.0949	480 U	480 U	480 U	480 U	480 U	480 U	480 U
SB-1-10	SB-001	10	10	20031120	450 U	450 U	450 U	450 U	450 U	17.6833	450 U	450 U	450 U	450 U	450 U	450 U	450 U
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)				
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-983-6-8	E-SB-983	6	8	20120719	22	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	21	4 U	4 U	4 U	4 U	4 U	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	18	3.8 U	3.8 U	3.8 UJ	15	3.8 U	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	16	0.61 U	6.1 J	0.95 U	6.7 J	13	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	3700	180	1100	21 J	2000	2600	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	210	0.57 U	81	0.89 U	65	170	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	640	9.2	160	5.7 J	300	540	--	--	--	--	--	--	--
E-VB-13-072913-0-3-	E-VB-13	0	3	20130729	670	10.6	215	6.35	280	560	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	700	12	270	7 J	260	580	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	11	0.62 U	5.5 J	0.95 U	0.85 U	9.1	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	7.4 J	0.59 U	0.39 U	0.92 U	0.82 U	6.8 J	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	60	0.57 U	24	6.2 J	23	48	--	--	--	--	--	--	--
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	480 U	480 U	480 U	480 U	480 U	480 U	0 U	--	--	--	--	--	--
SB-1-10	SB-001	10	10	20031120	450 U	450 U	450 U	450 U	450 U	450 U	0 U	--	--	--	--	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE		RADIONUCLIDES (PCI/G)												
					URANIUM-238	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIOCHEMISTRY BY ALPHA	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	0.27 J	0.355 J
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	--	--	--	--	--	--	0.593	0.548
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-10	SB-001	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									SEMIVOLATILES (UG/KG)				
					THORIUM-232	THORIUM-234	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	2-METHYLNAPHTHALENE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	0.258 J	--	0.263 J	--	--	0.0121 U	--	0.195 J	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	8.8 U	12 J	50 U	98	21
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	82 U	330	470 U	1900	250
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	31 U	3.8 U	--	3.8 U	3.8 U
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	--	--	--	33 U	4.1 U	--	4.1 U	4.1 U
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	--	--	--	33 U	4.1 U	--	4.1 U	4.1 U
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	0.669	--	0.266	--	-0.0029 U	--	--	0.367	4.2 U	0.59 UR	25 J	0.9 U	0.42 U
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	4 U	0.57 U	23 U	0.87 U	0.4 U
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	4 U	17	23 U	0.88 U	0.4 U
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	21 U	3 U	120 U	4.6 U	84
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	110 U	160 J	640 U	1100	280
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	--	--	--	--	--	480 U	--	480 U	--	--
SB-1-10	SB-001	10	10	20031120	--	--	--	--	--	--	--	--	450 U	--	450 U	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
EW1-051616	EW1	5	5	20160516	220	1569.6	1569.6	30 U	990	1000	1500	870	550	48 U	61 J	93 U	130
EW2-051616	EW2	5	5	20160516	3000	17830	17830	280 U	12000	12000	15000	8800	6800	440 U	230 U	860 U	1900
I-SB-32-09	BLI-SB-32	9	9	20100928	3.8 U	17.089	14.999	14 U	14	12	15 J	8	8.3	29 J	12 U	43 U	31 U
I-SB-33-07	BLI-SB-33	7	7	20100924	4.1 U	4.1 U	4.1 U	15 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	23 U	12 U	45 U	33 U
I-SB-34-03	BLI-SB-34	3	3	20100924	4.1 U	4.1 U	4.1 U	15 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	23 U	12 U	46 U	33 U
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	0.93 U	12.964	12.574	30 J	8.2	9.2	16	11	6.3 J	25 U	12 U	44 U	32 U
PUSTE-030916	PUSTE	2.5	2.5	20160309	0.9 U	0.74 U	0.74 U	14 U	0.72 U	0.74 U	0.68 U	0.4 U	0.78 U	24 U	11 U	43 U	31 U
PUSTF-030916	PUSTF	4.4	4.4	20160309	0.9 U	27.425	27.045	14 U	37	9.4	97	40	37	46 U	12 U	43 U	31 U
PUSTG-030916	PUSTG	4.3	4.3	20160309	560	2812.2	2812.2	73 U	2400	1900	2400	1100	1000	120 U	61 U	220 U	160 U
PUSTGBR-030916	PUSTGBR	4	4	20160309	3300	21320.5	21310	380 U	18000	16000	24000	12000	9100	610 U	320 U	1200 U	1100 J
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	--	--	--	--	--	--	480 U	480 U	480 U	480 U
SB-1-10	SB-001	10	10	20031120	--	--	--	--	--	--	--	--	--	450 U	450 U	450 U	450 U
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE	DIBENZOFURAN	DI-N-BUTYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
EW1-051616	EW1	5	5	20160516	1100	240	34 J	38 U	1900	69	740	19	890	18 U	1800	12019	12019
EW2-051616	EW2	5	5	20160516	12000	2300	660 J	350 U	23000	1400	7500	530	12000	170 U	21000	139810	139810
I-SB-32-09	BLI-SB-32	9	9	20100928	16	3.8 U	3.8 U	17 U	32	3.8 U	3.8 U	3.8 U	23	31 U	25	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	1.4 U	4.1 U	4.1 U	18 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	33 U	4.1 U	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	1.4 U	4.1 U	4.1 U	19 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	33 U	4.1 U	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	11	0.78 U	0.78 U	18 U	24	0.63 U	8.8	8.3 J	12	8.7 UR	14	128.8	130.63
PUSTE-030916	PUSTE	2.5	2.5	20160309	1.3 U	0.76 U	0.76 U	17 U	5.3 J	0.61 U	0.4 U	0.94 U	6.5 J	8.4 U	4.9 J	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	75	0.76 U	0.76 U	17 U	200	0.61 U	38	21	110	8.4 U	100	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	2200	320	4 U	91 U	4700	60	1000	5 U	1500	44 U	3600	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	19000	21 U	700 J	480 U	43000	1300	10000	180 J	13000	230 U	33000	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	480 U	480 U	--	--	--	--	--	480 U	--	--	--
SB-1-10	SB-001	10	10	20031120	--	--	450 U	450 U	--	--	--	--	--	450 U	--	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TCLP METALS (MG/L)							TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)					
					ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
EW1-051616	EW1	5	5	20160516	0.0081 J	0.088 J	0.0039 J	0.0083 J	0.032 J	0.00009 U	0.0055 J	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	0.011 J	0.54	0.0051 J	0.013 J	0.042 J	0.00009 U	0.0068 J	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	0.027 J	0.19 J	0.0006 J	0.012 J	0.019 J	0.00009 U	0.0051 U	--	--	--	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	0.0084 U	0.12 U	0.00016 J	0.0036 U	0.0083 J	0.0001 U	0.004 U	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	0.0083 U	0.2 U	0.00014 J	0.0083 U	0.016 J	0.00009 U	0.004 U	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	0.0043 U	0.21 U	0.0013 J	0.0033 U	0.002 J	0.00009 U	0.004 U	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	0.0056 U	0.92 U	0.0006 J	0.0045 U	0.037 J	0.00012 U	0.004 U	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-10	SB-001	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	--	--	--	--	16 NJ	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-10	SB-001	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS-	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	16000 NJ	--	--	--	--	640 NJ	--	--	1100 NJ
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-10	SB-001	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	780 NJ	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-10	SB-001	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	1300 NJ	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-10	SB-001	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			VOLATILES (UG/KG)										
					UNKNOWN [2.17]	UNKNOWN [3.57]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	530000	NA	NA	NA	NA	NA
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	1200 U	520 U	550 U	69000	5.2 U	310000	150 U	3100 J	310 U	320 J	3700 J
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	1.2 U	0.32 U	0.47 U	0.34 U	0.15 U	0.24 U	0.58 U	0.32 U	0.3 U	0.31 U	0.59 U
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	38000 U	17000 U	18000 U	9800 U	170 U	9100 B	4900 U	8500 U	9800 U	5200 B	9000 J
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	1.1 U	0.29 U	0.43 U	0.31 U	0.14 U	0.22 U	0.53 U	0.29 U	0.28 U	0.29 U	0.54 U
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	1.2 U	0.33 U	0.47 U	0.35 U	0.15 U	0.25 U	0.59 U	0.33 U	0.31 U	0.32 U	0.6 U
E-VB-13-072913-0-3-	E-VB-13	0	3	20130729	--	--	1.2 U	0.325 U	0.465 U	0.345 U	0.15 U	0.245 U	0.585 U	0.325 U	0.305 U	0.315 U	0.595 U
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	1.2 U	0.32 U	0.46 U	0.34 U	0.15 U	0.24 U	0.58 U	0.32 U	0.3 U	0.31 U	0.59 U
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	1.3 U	0.37 U	0.54 U	0.39 U	0.18 U	0.28 U	0.67 U	0.37 U	0.35 U	0.36 U	0.68 U
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	1.1 U	0.31 U	0.45 U	0.33 U	0.15 U	0.24 U	0.57 U	0.31 U	0.3 U	0.3 U	0.57 U
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	1.2 U	0.32 U	0.47 U	0.34 U	0.15 U	0.24 U	0.59 U	0.32 U	0.31 U	0.32 U	0.59 U
EW1-051616	EW1	5	5	20160516	--	--	0.53 U	0.43 U	1 U	0.63 U	0.58 UJ	0.48 U	0.73 U	0.43 U	0.58 U	0.87 U	0.35 U
EW2-051616	EW2	5	5	20160516	--	--	0.43 U	0.35 U	0.82 U	0.51 U	0.47 UJ	0.39 U	0.6 U	0.35 U	0.47 U	0.71 U	0.29 U
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	33 U	14 U	15 U	130 J	0.14 U	750	4.2 U	42 J	270	18 J	110 J
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	1.3 U	0.37 U	0.54 U	5.2	0.81 B	20	0.67 U	1.3 J	0.35 U	0.36 U	1.3 J
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	1.3 U	0.35 U	0.5 U	0.37 U	0.16 U	0.26 U	0.63 U	0.35 U	0.33 U	0.34 U	0.64 U
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	1.4 U	0.38 U	0.55 U	0.4 U	0.18 U	0.29 U	0.69 U	0.38 U	0.36 UJ	0.37 U	0.7 U
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	1.3 J	0.3 U	0.66 J	0.32 U	0.14 U	0.22 U	0.54 U	0.3 U	0.28 U	0.29 U	0.55 U
MRC-MW43[0910]	MRC-	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	0.47 U	0.38 U	0.89 U	0.56 U	0.51 U	0.42 U	0.64 U	0.38 U	0.51 U	0.77 U	0.31 U
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	0.46 U	0.37 U	0.88 U	0.55 U	0.51 UJ	0.42 U	0.64 U	0.37 U	0.51 U	0.76 U	0.31 U
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	0.47 U	0.38 U	0.89 U	0.56 UJ	1.3 J	0.42 UJ	1.5 J	0.38 U	0.51 U	0.77 U	0.84 J
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	0.49 U	0.4 U	0.93 U	0.58 U	0.53 UJ	0.44 U	0.67 U	0.4 U	0.53 U	0.8 U	0.33 U
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	0.52 U	0.42 U	0.99 U	0.62 U	0.57 UJ	0.47 U	0.72 U	0.42 U	0.57 U	0.85 U	0.35 U
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	7 U	7 U	7 U	--	7 U	7 U	7 U	7 U	7 U	7 U
SB-1-10	SB-001	10	10	20031120	--	--	--	7 U	7 U	7 U	--	7 U	7 U	7 U	7 U	7 U	7 U
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	BENZENE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	DICHLORODIFLUORO METHANE	ETHYLBENZENE	HEXANE	ISOPROPYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	3100 J	150 U	5200 U	370 U	370 U	200 U	200 U	270 U	210 U	490 U	180 J	--	200 U
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	1.3 J	0.19 U	8 B	0.21 U	0.39 U	0.33 U	0.3 U	0.26 U	0.32 U	0.45 U	0.23 U	2.3 J	0.14 U
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	42000 U	4700 U	170000 U	12000 U	43000 B	6300 U	6300 U	8700 U	6800 U	16000 U	5300 U	--	6400 U
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	2.7 J	0.17 U	93	0.19 U	0.36 U	0.3 U	0.27 U	0.24 U	0.29 U	0.41 U	0.21 U	--	0.13 U
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	1.3 U	0.19 U	52 B	0.21 U	0.4 U	0.34 U	0.3 U	0.26 U	0.33 U	0.45 U	0.24 U	--	0.15 U
E-VB-13-072913-0-3-	E-VB-13	0	3	20130729	1.025	0.19 U	51 U	0.205 U	0.395 U	0.335 U	0.295 U	0.26 U	0.2775	0.45 U	0.235 U	--	0.145 U
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	1.4 J	0.19 U	50 B	0.2 U	0.39 U	0.33 U	0.29 U	0.26 U	0.39 J	0.45 U	0.23 U	--	0.14 U
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	1.4 U	0.22 U	6.5 U	0.24 U	0.45 U	0.38 U	0.34 U	0.3 U	0.37 U	0.52 U	0.27 U	--	0.17 U
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	1.2 U	0.18 U	5.5 U	0.2 U	0.38 U	0.32 U	0.29 U	0.25 U	0.31 U	0.44 U	0.23 U	--	0.14 U
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	1.3 U	0.19 U	5.7 U	0.21 U	0.4 U	0.33 U	0.3 U	0.26 U	0.32 U	0.45 U	0.23 U	--	0.14 U
EW1-051616	EW1	5	5	20160516	1.4 U	0.52 U	7.2 U	1.1 U	0.74 UJ	0.82 U	0.67 U	0.45 U	0.35 U	0.35 U	0.4 U	--	0.25 U
EW2-051616	EW2	5	5	20160516	1.1 U	0.42 U	5.8 U	0.92 U	0.61 UJ	0.67 U	0.54 U	0.37 U	0.29 U	0.29 U	0.33 U	--	0.21 U
I-SB-32-09	BLI-SB-32	9	9	20100928	36 U	4.1 U	140 U	10 U	10 U	5.4 U	210	7.4 U	5.8 U	14 U	4.6 U	--	5.5 U
I-SB-33-07	BLI-SB-33	7	7	20100924	1.4 U	0.22 U	11 B	0.24 U	0.45 U	0.38 U	0.34 U	0.3 U	0.37 U	0.52 U	0.27 U	--	0.17 U
I-SB-34-03	BLI-SB-34	3	3	20100924	1.3 U	0.2 U	13 B	0.22 U	0.42 U	0.36 U	0.32 U	0.28 U	0.35 U	0.48 U	0.25 U	--	0.15 U
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	1.5 UJ	0.22 U	6.7 UJ	0.24 U	0.47 UJ	0.39 U	0.35 U	0.31 U	56	0.53 U	0.28 U	--	0.17 U
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	2.7 J	0.17 U	18 J	0.19 U	1.1 J	0.31 U	0.27 U	0.24 U	63	0.42 U	0.22 U	--	0.13 U
MRC-MW43[0910]	MRC-	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	14 J	0.46 U	65 U	1 U	0.66 U	0.72 U	2.4 J	0.4 U	1.9 J	0.31 UJ	0.36 U	--	0.22 U
PUSTE-030916	PUSTE	2.5	2.5	20160309	4.6 J	0.45 U	44	0.99 U	0.65 U	0.72 U	0.58 U	0.4 U	0.48 J	0.31 U	0.35 U	--	0.22 U
PUSTF-030916	PUSTF	4.4	4.4	20160309	1.2 U	5.4 J	18 J	1 U	0.66 U	0.72 U	1.9 J	0.4 U	14 J+	0.31 U	0.36 U	--	0.25 J
PUSTG-030916	PUSTG	4.3	4.3	20160309	1.3 U	0.48 U	9.7 J	1 U	0.69 U	0.76 U	0.62 U	0.42 U	2.8 J	0.33 U	0.37 U	--	0.23 U
PUSTGBR-030916	PUSTGBR	4	4	20160309	1.4 U	0.51 U	8.8 J	1.1 U	0.73 U	0.8 U	0.65 U	0.44 U	2.6 J	0.35 U	0.4 U	--	0.56 J
SB-10-05	SB-010	5	5	20031118	--	--	--	1 U	--	--	--	--	--	--	1 U	--	--
SB-1-05	SB-001	5	5	20031120	72 U	7 U	30 J	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	--	7 U
SB-1-10	SB-001	10	10	20031120	67 U	7 U	67 UJ	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	--	7 U
SB-11-05	SB-011	5	5	20031119	--	--	--	1 U	--	--	--	--	--	--	1 U	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	1 U	--	--	--	--	--	--	1 U	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	1 U	--	--	--	--	--	--	1 U	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	1 U	--	--	--	--	--	--	1 U	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	1 U	--	--	--	--	--	--	1 U	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	1 U	--	--	--	--	--	--	1 U	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	1 U	--	--	--	--	--	--	1 U	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	1 U	--	--	--	--	--	--	1 U	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	1 U	--	--	--	--	--	--	1 U	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	1 U	--	--	--	--	--	--	1 U	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	1 U	--	--	--	--	--	--	1 U	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	370 B	--	2400 U	770 J	250 U	430 U	260 U	140 U	280 J	200 U	7400 UR	710 J	520 U
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	1.1 U	3.8 J	0.6 U	0.17 U	0.21 U	0.36 U	0.31 U	0.16 U	0.13 U	0.26 U	6.8 UR	0.47 U	0.24 U
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	6900 B	--	76000 U	13000 B	7900 U	14000 U	8400 U	4600 U	7500 B	6400 U	240000 UR	12000 U	60000 B
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	0.98 U	7.1 J	0.55 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.12 U	0.24 U	6.2 UR	0.43 U	0.22 U
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	1.1 U	10	0.61 U	0.17 B	0.21 U	0.36 U	0.32 U	0.16 U	0.14 U	0.26 U	6.9 UR	0.47 U	0.25 U
E-VB-13-072913-0-3-	E-VB-13	0	3	20130729	1.1 U	5.85	0.605 U	0.17 U	0.205 U	0.36 U	0.315 U	0.16 U	0.135 U	0.26 U	6.85 R	0.465 U	0.245 U
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	1.1 U	1.7 J	0.6 U	0.17 U	0.2 U	0.36 U	0.31 U	0.16 U	0.13 U	0.26 U	6.8 UR	0.46 U	0.24 U
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	1.2 U	--	0.69 U	0.2 U	0.24 U	0.41 U	0.36 U	0.19 U	0.15 U	0.3 U	7.8 UR	0.54 U	0.28 U
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	1 U	--	0.58 U	0.17 U	0.2 U	0.35 U	0.3 U	0.16 U	0.13 U	0.25 U	6.6 UR	0.45 U	0.24 U
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	1.1 U	--	0.6 U	0.17 U	0.21 U	0.36 U	0.32 U	0.16 U	0.14 U	0.26 U	6.8 UR	0.47 U	0.24 U
EW1-051616	EW1	5	5	20160516	0.53 U	--	0.93 U	0.44 U	0.74 U	0.76 U	0.72 U	1.1 U	0.5 U	0.85 U	7.2 U	1 U	0.34 U
EW2-051616	EW2	5	5	20160516	0.43 U	--	0.76 U	0.36 U	0.61 U	0.62 U	0.58 U	0.93 U	0.41 U	0.69 U	5.9 U	0.82 U	0.28 U
I-SB-32-09	BLI-SB-32	9	9	20100928	5.2 U	--	65 U	5.7 U	6.8 U	12 U	7.2 U	4 U	4.7 U	5.5 U	200 UR	10 U	14 U
I-SB-33-07	BLI-SB-33	7	7	20100924	1.2 U	--	0.69 U	0.2 U	0.24 U	0.41 U	0.36 U	0.19 U	0.15 U	0.3 U	7.8 UR	0.54 U	0.48 J
I-SB-34-03	BLI-SB-34	3	3	20100924	1.2 U	--	0.65 U	0.18 U	0.22 U	0.39 U	0.34 U	0.17 U	0.14 U	0.28 U	7.3 UR	0.5 U	0.5 J
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	1.3 U	--	1.1 J	0.2 U	0.24 U	0.43 U	0.37 U	0.19 U	0.16 U	0.31 U	8.1 UJ	0.55 U	0.29 U
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	1 U	--	0.56 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.12 U	0.24 U	6.3 UJ	0.43 U	0.22 U
MRC-MW43[0910]	MRC-	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	0.47 U	--	9.3 U	0.39 U	0.66 U	0.67 U	0.63 U	1 U	0.44 U	0.74 U	6.3 UJ	0.89 U	1.8 J
PUSTE-030916	PUSTE	2.5	2.5	20160309	0.46 U	--	3.7 U	0.39 UJ	0.65 U	0.66 U	0.63 U	1 U	0.44 U	0.74 U	6.3 U	0.88 U	0.3 U
PUSTF-030916	PUSTF	4.4	4.4	20160309	0.69 J	--	0.82 U	0.39 UJ	0.74 J	0.67 U	0.64 U	1 U	0.45 U	0.75 U	6.4 UJ	0.89 U	0.7 J
PUSTG-030916	PUSTG	4.3	4.3	20160309	0.49 U	--	3.3 U	0.41 UJ	0.69 U	0.7 U	0.66 U	1.1 U	0.46 U	0.78 U	6.6 U	0.93 U	0.31 U
PUSTGBR-030916	PUSTGBR	4	4	20160309	0.52 U	--	3.4 U	0.59 J	0.73 U	0.74 U	0.7 U	1.1 U	0.49 U	0.83 U	7 U	0.99 U	0.33 U
SB-10-05	SB-010	5	5	20031118	--	--	--	1 U	--	--	--	--	--	--	--	--	1 U
SB-1-05	SB-001	5	5	20031120	22 U	--	12 J	7 U	7 U	7 U	22 U	7 U	7 U	7 U	--	7 U	7 U
SB-1-10	SB-001	10	10	20031120	20 U	--	9 J	7 U	7 U	7 U	20 U	7 U	7 U	7 U	--	7 U	7 U
SB-11-05	SB-011	5	5	20031119	--	--	--	1 U	--	--	--	--	--	--	--	--	1 U
SB-12-05	SB-012	5	5	20031119	--	--	--	1 U	--	--	--	--	--	--	--	--	1 U
SB-13-05	SB-013	5	5	20031119	--	--	--	1 U	--	--	--	--	--	--	--	--	1 U
SB-14-05	SB-014	5	5	20031119	--	--	--	1 U	--	--	--	--	--	--	--	--	1 U
SB-15-05	SB-015	5	5	20031119	--	--	--	2	--	--	--	--	--	--	--	--	1 U
SB-16-05	SB-016	5	5	20031119	--	--	--	1 U	--	--	--	--	--	--	--	--	1 U
SB-17-05	SB-017	5	5	20031119	--	--	--	1 U	--	--	--	--	--	--	--	--	1 U
SB-18-05	SB-018	5	5	20031119	--	--	--	1 U	--	--	--	--	--	--	--	--	1 U
SB-19-05	SB-019	5	5	20031121	--	--	--	1 U	--	--	--	--	--	--	--	--	1 U
SB-19-10	SB-019	10	10	20031121	--	--	--	1 U	--	--	--	--	--	--	--	--	1 U
SB-20-05	SB-020	5	5	20031120	--	--	--	1 U	--	--	--	--	--	--	--	--	1 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUORO-METHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	3900	NA	NA	
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	NORMAL
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	NORMAL
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	NORMAL
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	NORMAL
E-SB-984-4-6	E-SB-984	4	6	20120724	370 J	--	280 U	340 J	490 U	550 U	NORMAL
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	NORMAL
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	NORMAL
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	NORMAL
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	NORMAL
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	NORMAL
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	NORMAL
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	NORMAL
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	NORMAL
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	NORMAL
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	NORMAL
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	NORMAL
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	NORMAL
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	NORMAL
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	NORMAL
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	NORMAL
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	NORMAL
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	NORMAL
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	0.6 U	--	0.37 U	10	0.3 U	0.35 U	NORMAL
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	NORMAL
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	8000 U	--	9100 U	7500000	16000 U	18000 U	NORMAL
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	0.55 U	--	0.34 U	32	0.28 U	0.32 U	NORMAL
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	0.61 U	--	0.37 U	5.2	0.31 U	0.35 U	NORMAL
E-VB-13-072913-0-3-	E-VB-13	0	3	20130729	0.605 U	--	0.37 U	3.75	0.305 U	0.35 U	NORMAL
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	0.6 U	--	0.37 U	2.3 J	0.3 U	0.35 U	NORMAL
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	NORMAL
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	NORMAL
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	NORMAL
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	0.69 U	--	0.42 U	4.5 J	0.35 U	0.4 U	NORMAL
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	0.58 U	--	0.36 U	1 J	0.3 U	0.34 U	NORMAL
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	0.6 U	--	0.37 U	1.9 J	0.31 U	0.35 U	NORMAL
EW1-051616	EW1	5	5	20160516	0.68 U	0 U	0.4 U	0.48 U	0.37 U	0.38 U	NORMAL
EW2-051616	EW2	5	5	20160516	0.55 U	0 U	0.33 U	0.39 U	0.3 U	0.31 U	NORMAL
I-SB-32-09	BLI-SB-32	9	9	20100928	6.9 U	--	7.8 U	8.2 U	14 U	15 U	NORMAL
I-SB-33-07	BLI-SB-33	7	7	20100924	0.69 U	--	0.42 U	0.43 U	0.35 U	0.4 U	NORMAL
I-SB-34-03	BLI-SB-34	3	3	20100924	0.65 U	--	0.4 U	0.4 U	0.33 U	0.38 U	NORMAL
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	0.37 U	--	0.44 U	110	0.36 U	0.55 J	NORMAL
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	0.29 U	--	0.41 J	150	0.28 U	3.1 J	NORMAL
MRC-MW43[0910]	MRC-	9	10	20050517	--	--	--	--	--	--	NORMAL
PIPE-051616	PIPE	3	3	20160516	0.6 U	0 U	0.36 U	0.42 U	0.32 U	0.33 U	NORMAL
PUSTE-030916	PUSTE	2.5	2.5	20160309	0.6 U	0 U	0.35 U	0.52 J	0.32 U	0.33 U	NORMAL
PUSTF-030916	PUSTF	4.4	4.4	20160309	0.69 J	0.69	1.1 J	52 J+	0.32 U	7.3 J+	NORMAL
PUSTG-030916	PUSTG	4.3	4.3	20160309	0.63 U	0 U	2.6 J	1.5 J	0.34 U	1.3 J	NORMAL
PUSTGBR-030916	PUSTGBR	4	4	20160309	0.67 U	0 U	2.7 J	7.3	0.36 U	0.37 U	NORMAL
SB-10-05	SB-010	5	5	20031118	1 U	--	--	--	--	--	NORMAL
SB-1-05	SB-001	5	5	20031120	--	--	7 U	7 U	7 U	7 U	NORMAL
SB-1-10	SB-001	10	10	20031120	--	--	7 U	7 U	7 U	7 U	NORMAL
SB-11-05	SB-011	5	5	20031119	1 U	--	--	--	--	--	NORMAL
SB-12-05	SB-012	5	5	20031119	1 U	--	--	--	--	--	NORMAL
SB-13-05	SB-013	5	5	20031119	1 U	--	--	--	--	--	NORMAL
SB-14-05	SB-014	5	5	20031119	1 U	--	--	--	--	--	NORMAL
SB-15-05	SB-015	5	5	20031119	3	--	--	--	--	--	NORMAL
SB-16-05	SB-016	5	5	20031119	1 U	--	--	--	--	--	NORMAL
SB-17-05	SB-017	5	5	20031119	1 U	--	--	--	--	--	NORMAL
SB-18-05	SB-018	5	5	20031119	1 U	--	--	--	--	--	NORMAL
SB-19-05	SB-019	5	5	20031121	1 U	--	--	--	--	--	NORMAL
SB-19-10	SB-019	10	10	20031121	1 U	--	--	--	--	--	NORMAL
SB-20-05	SB-020	5	5	20031120	1 U	--	--	--	--	--	NORMAL

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A) ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A) ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-04	SB-035	4	4	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-05	SB-036	5	5	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-05	SB-004	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-10	SB-004	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0406	SB-500	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0810	SB-500	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0406	SB-501	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0810	SB-501	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0406	SB-502	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0810	SB-502	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0406	SB-503	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0406	SB-504	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0810	SB-504	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-05	SB-005	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0406	SB-505	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0810	SB-505	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0406	SB-506	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0810	SB-506	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0406	SB-507	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0810	SB-507	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-D	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0810	SB-508	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0406	SB-509	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0810	SB-509	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-10	SB-005	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0406	SB-510	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-D	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0406	SB-511	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0810	SB-511	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0406	SB-512	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-D	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0406	SB-513	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0810	SB-513	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0406	SB-514	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-D	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0406	SB-515	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0810	SB-515	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0406	SB-517	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0810	SB-517	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0406	SB-518	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0810	SB-518	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0406	SB-519	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0810	SB-519	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0406	SB-520	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0810	SB-520	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	METALS (MG/KG)												
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	3.3 UL	2.1 L	--	3.3 U	3.3 U	3.4 B	--	3.3 U	--	3.3 U	--	0.13 U	--
SB-2-10	SB-002	10	10	20031120	3.3 UL	0.87 L	--	3.3 U	3.3 U	3.3 UJ	--	3.3 U	--	3.3 U	--	0.13 U	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	3.3 UL	1.5 L	--	3.3 U	3.3 U	6.6 B	--	3.3 U	--	3.3 U	--	0.13 U	--
SB-3-10	SB-003	10	10	20031120	3.3 UL	1.6 L	--	3.3 U	3.3 U	5.2 B	--	3.3 U	--	3.3 U	--	0.13 U	--
SB-35-04	SB-035	4	4	20040922	2.5 UL	1.6	--	2.5 U	2.5 U	10 J	--	6.1	--	4.6	--	0.1 U	--
SB-36-05	SB-036	5	5	20040917	2.8 U	1.3	--	2.8 U	2.8 U	5.6 K	--	4.7 L	--	2.8 UJ	--	0.11 U	--
SB-4-05	SB-004	5	5	20031120	3.5 UL	4.9 L	--	3.5 U	3.5 U	27 J	--	17	--	4.5	--	0.14 U	--
SB-4-10	SB-004	10	10	20031120	3.4 UL	2.4 L	--	3.4 U	3.4 U	14 B	--	15	--	4.4	--	0.14 U	--
SB-500-0406	SB-500	4	6	20071127	0.091 B	0.31 L	6.2	0.33	0.0084 B	7.4 K	1.2 J	3.6 J	9880	1.6 J	19.6 L	0.019 U	0.13 B
SB-500-0810	SB-500	8	10	20071127	0.098 B	0.73 L	8.5	0.57	0.016	10.8 K	1.7 J	4.5 J	10900	1.3 J	18.6 L	0.02 U	0.13 B
SB-501-0406	SB-501	4	6	20071127	0.068 B	1.1 L	6.5	0.44	0.0056 B	6 K	1.7 J	4.9 J	7710	1.8 J	29 L	0.019 U	0.17 B
SB-501-0810	SB-501	8	10	20071127	0.18 J	0.94 L	13.8	3.1	0.018 K	15.7 K	4.1 J	12.4 J	25800	5.1 J	70.4 L	0.02 U	0.078 UL
SB-502-0406	SB-502	4	6	20071127	0.17 L	1.3 L	6.5	0.15	0.056	5.9 K	1.1 J	2.3 J	5570	3.6 J	44 L	0.019 U	0.14 B
SB-502-0810	SB-502	8	10	20071127	0.14 B	0.55 L	3.6	0.11	0.035	3.3 K	0.67 J	1.6 J	4060	2.4 J	39.7 L	0.019 U	0.18 B
SB-503-0406	SB-503	4	6	20071127	0.1 B	0.42 L	2.1	0.015 B	0.018	3.2 J	0.18	1.9 J	1980	2.4 J	3.5	0.02 U	0.35 B
SB-504-0406	SB-504	4	6	20071127	0.14 B	2	50.7	0.75	0.67	12.9 J	8.6	12.9 J	15400	14.4 J	88.8	0.079	0.38 B
SB-504-0810	SB-504	8	10	20071127	0.13 B	1.2 L	89.2	0.38	0.38 K	13.3 J	4.5	16.6 J	18900	10.4 J	168	0.29	1.3 J
SB-5-05	SB-005	5	5	20031120	3.2 UL	1.4 L	--	3.2 U	3.2 U	4.8 B	--	3.6	--	3.2 U	--	0.13 U	--
SB-505-0406	SB-505	4	6	20071127	0.17 B	1.2 L	21.1	0.95	0.018 K	10.2 J	6.3	14.6 J	17700	3.7 J	34.5	0.019 U	0.15 B
SB-505-0810	SB-505	8	10	20071127	0.12 B	1.7	16.6	0.72	0.069 K	12.8 J	4.6	11.7 J	17000	4 J	31.3	0.021 U	0.42 B
SB-506-0406	SB-506	4	6	20071128	0.045 B	1.6	17.9	0.61	0.022	8.7 J	3.3	7 J	8880	4.4 J	41.5	0.019 U	0.12 B
SB-506-0810	SB-506	8	10	20071128	0.033 B	1 L	9.5	0.48	0.0077 B	4.4 J	2.4	4.6 J	6210	2.4 J	29.3	0.021 U	0.16 B
SB-507-0406	SB-507	4	6	20071128	0.067 B	2.3	20.6	1.1	0.038 K	11.1 J	3.3	6.8 J	13600	6.8 J	44.7	0.021 U	0.33 B
SB-507-0810	SB-507	8	10	20071128	0.036 B	1.1 L	9.8	1.6	0.028	7.5 J	1.2	6.3 J	3760	3.3 J	8.1	0.019 U	0.11 B
SB-508-0406	SB-508	4	6	20071128	0.11 B	1.4	11.4	0.85	0.014 B	9.1 J	2.3	10.6 J	17700	3.4 J	14.3 J	0.019 U	0.13 B
SB-508-0406-D	SB-508	4	6	20071128	0.079 B	1 L	8.1	0.73	0.014 B	6.7 J	1.7	8.2 J	11400	2.8 J	132 J	0.02 U	0.092 B
SB-508-0810	SB-508	8	10	20071128	0.084 B	0.42 L	8.5	1.5	0.016 K	13.2 J	3.5	11.4 J	8540	3.3 J	18.8	0.02 U	0.079 UL
SB-509-0406	SB-509	4	6	20071129	0.059 L	1.7 J	8.9 K	0.62	0.016 B	10 J	2.3	11.3 J	10300	2.5 J	27.1 L	0.019 UL	0.1 B
SB-509-0810	SB-509	8	10	20071129	0.12 L	2.5 J	5.7 K	0.33	0.0087 B	8.3 J	2.3	6.7 J	10200	1.4 J	25.9 L	0.019 UL	0.27 B
SB-5-10	SB-005	10	10	20031120	3.4 UL	1.1 L	--	3.4 U	3.4 U	3.8 B	--	3.4 U	--	3.4 U	--	0.14 U	--
SB-510-0406	SB-510	4	6	20071128	0.13 L	0.26 J	7.1 K	0.42	0.018 B	8.5 J	1.2	5.5 J	15200	1.9 J	27.1 L	0.019 UL	0.076 UL
SB-510-0810	SB-510	8	10	20071128	0.17 L	0.36 J	7.8 K	0.66	0.03 K	11.7 J	1.9	6.7 J	20900	1.7 J	73.6 J	0.019 UL	0.16 B
SB-510-0810-D	SB-510	8	10	20071128	0.14 L	0.26 J	6 K	0.58	0.017 B	10.1 J	2	6.8 J	17800	1.3 J	23 J	0.019 UL	0.11 B
SB-511-0406	SB-511	4	6	20071129	0.0056 UL	0.58 J	7.7 K	0.31	0.0075 B	1.5 J	0.82	4.1 J	1290	3.2 J	2.2 L	0.02 UL	0.077 UL
SB-511-0810	SB-511	8	10	20071129	0.006 UL	0.35 J	6.4 K	0.42	0.011 B	4 J	1	4.7 J	3240	2.2 J	4.8 L	0.021 UL	0.083 UL
SB-512-0406	SB-512	4	6	20071129	0.15 L	0.59 J	12.5 K	0.96	0.019 K	8.5 J	3	10.3 J	15200	3.6 J	33.5 L	0.019 UL	0.08 B
SB-512-0810	SB-512	8	10	20071129	0.083 L	0.76 J	17.9 J	0.77	0.55	8.9 J	2.2	11.3 J	9820	8.6 J	68.2 L	0.021 UL	0.28 B
SB-512-0810-D	SB-512	8	10	20071129	0.14 L	1.4 L	32.5 J	0.7	0.067 K	9.1 J	2.1 J	9.2 L	9200	7.7 L	146 J	0.021 UL	0.31 B
SB-513-0406	SB-513	4	6	20071129	0.056 L	2.3 J	8.9 K	0.3	0.009 B	7.8 J	4	3.5 J	8600	3.2 J	47 L	0.02 UL	0.094 B
SB-513-0810	SB-513	8	10	20071129	0.0056 UL	0.46 J	1.9 K	0.076	0.0037 B	2.3 J	0.98	1 J	2310	0.71 J	8.8 L	0.019 UL	0.077 UL
SB-514-0406	SB-514	4	6	20071129	0.092 L	0.39 J	12.4 K	2.7	0.029 K	11.7 J	9.1	16.1 J	40100	3.5 J	280 L	0.02 UL	0.08 UL
SB-514-0810	SB-514	8	10	20071129	0.22 L	1.3 J	11.6 K	3.7	0.024 K	11.1 J	8.8	11.7 J	51200	5.6 J	225 L	0.02 UL	0.09 B
SB-514-0810-D	SB-514	8	10	20071129	0.18 J	0.42 L	11.3	2.3	0.09 K	10.7 J	6.5 J	10.4 L	33200	3.6 L	186 L	0.02 UL	0.15 B
SB-515-0406	SB-515	4	6	20071129	0.17 J	0.62 L	7.8	3.3	0.012 B	9.1 J	4.3 J	28.7 L	28700	2.8 L	106 L	0.02 UL	0.16 B
SB-515-0810	SB-515	8	10	20071129	0.11 B	0.22 L	10.4	4.4	0.02 K	10.6 J	6.2 J	11.2 L	22600	3.2 L	277 L	0.021 UL	0.083 B
SB-517-0406	SB-517	4	6	20071130	0.26 J	0.55 L	8.2	2.4	0.019 K	7.7 J	4.9 J	14.7 L	28700	3.5 L	93.3 L	0.02 UL	0.08 UL
SB-517-0810	SB-517	8	10	20071130	0.2 L	0.75 L	12.9	1.5	0.12 K	11.3 J	4.6 J	15.2 L	18400	7.9 L	53 L	0.02 UL	0.3 B
SB-518-0406	SB-518	4	6	20071130	0.21 J	2.2 L	13.3	1.4	0.15 K	13.2 J	3.7 J	16.2 L	23400	4 L	45.5 L	0.02 UL	0.19 B
SB-518-0810	SB-518	8	10	20071130	0.037 B	0.43 L	4.3	0.48	0.0051 B	4.4 J	2.8 J	6.7 L	8620	2 L	28.1 L	0.022 UL	0.086 UL
SB-519-0406	SB-519	4	6	20071130	0.18 J	0.61 L	10.9	1.2	0.037 K	7.7 J	2.8 J	10.2 L	18300	3.4 L	26.1 L	0.019 UL	0.093 B
SB-519-0810	SB-519	8	10	20071130	0.078 B	1.2 L	1.6	0.65	0.0092 B	4.5 J	1.6 J	12.4 L	9720	1.2 L	21.3 L	0.019 UL	0.089 B
SB-520-0406	SB-520	4	6	20071130	0.082 B	1.2 L	9	1.9	0.031 K	9.4 J	5.3 J	7.5 L	14200	3.6 L	41.7 L	0.02 UL	0.094 B
SB-520-0810	SB-520	8	10	20071130	0.13 J	1.3 L	6.7	1.8	0.031 K	6.6 J	3.6 J	8.4 L	13500	2.5 L	32 L	0.02 UL	0.14 B
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PARAMETERS (%)
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	PERCENT SOLIDS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	77
SB-2-05	SB-002	5	5	20031120	3.3 U	3.3 U	3.3 UR	2.7 U	--	--	--	--	--	--	--	33 U	75
SB-2-10	SB-002	10	10	20031120	3.3 U	3.3 U	3.3 UR	2.6 U	--	--	--	--	--	--	--	33 U	76
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	73
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	73
SB-3-05	SB-003	5	5	20031120	3.3 U	3.3 U	3.3 UR	2.6 U	--	--	--	--	--	--	--	33 U	77
SB-3-10	SB-003	10	10	20031120	3.3 U	3.3 U	3.3 UR	2.6 U	--	--	--	--	--	--	--	33 U	76
SB-35-04	SB-035	4	4	20040922	5.7	2.5 U	2.5 UR	2 U	--	--	--	--	--	--	--	25 UL	--
SB-36-05	SB-036	5	5	20040917	2.8 U	2.8 U	2.8 UL	2.3 UL	--	--	--	--	--	--	--	28 UL	--
SB-4-05	SB-004	5	5	20031120	9	3.5 U	3.5 UR	2.8 U	--	--	--	--	--	--	--	35 U	72
SB-4-10	SB-004	10	10	20031120	8	3.4 U	3.4 UR	2.7 U	--	--	--	--	--	--	--	34 U	73
SB-500-0406	SB-500	4	6	20071127	4	0.56 L	0.036	0.024 B	--	--	--	--	--	--	10.8	5.7 J	89.3
SB-500-0810	SB-500	8	10	20071127	6.4	0.24 L	0.04	0.033 B	--	--	--	--	--	--	17.3	8.4 J	83.3
SB-501-0406	SB-501	4	6	20071127	2.1	0.18 UL	0.026 B	0.031 B	--	--	--	--	--	--	7.1	7.4 J	89.5
SB-501-0810	SB-501	8	10	20071127	14.7	0.46 L	0.078	0.052 B	--	--	--	--	--	--	20.7	24.8 J	84.7
SB-502-0406	SB-502	4	6	20071127	1.6	0.19 UL	0.031 B	0.015 B	--	--	--	--	--	--	7.2	13.9 J	85.7
SB-502-0810	SB-502	8	10	20071127	1.4	0.19 UL	0.018 B	0.0085 B	--	--	--	--	--	--	4	14.9 J	85.8
SB-503-0406	SB-503	4	6	20071127	0.39 B	0.19 U	0.016 B	0.011 B	--	--	--	--	--	--	5.3 J	2.8	82.1
SB-504-0406	SB-504	4	6	20071127	10.9	0.21	0.16	0.099 K	--	--	--	--	--	--	18.3 J	41.1	87.2
SB-504-0810	SB-504	8	10	20071127	11.1	0.31	0.094	0.21 K	--	--	--	--	--	--	20.2 J	45.7	86
SB-5-05	SB-005	5	5	20031120	4.5	3.2 U	3.2 UR	2.5 U	--	--	--	--	--	--	--	32 U	78
SB-505-0406	SB-505	4	6	20071127	10.3	0.31	0.073	0.051 B	--	--	--	--	--	--	18.8 J	19.5	85.9
SB-505-0810	SB-505	8	10	20071127	6.5	0.2	0.07	0.04 B	--	--	--	--	--	--	15.9 J	18.1	79.7
SB-506-0406	SB-506	4	6	20071128	8.2	0.19 U	0.051	0.047 B	--	--	--	--	--	--	16 J	26.3	86.4
SB-506-0810	SB-506	8	10	20071128	2.8	0.2 U	0.034 B	0.027 B	--	--	--	--	--	--	7.6 J	9.8	78.5
SB-507-0406	SB-507	4	6	20071128	7.1	0.21	0.077	0.13 K	--	--	--	--	--	--	17.5 J	25.4	81.1
SB-507-0810	SB-507	8	10	20071128	4.2	0.56	0.036 B	0.041 B	--	--	--	--	--	--	14.4 J	8.5	86.3
SB-508-0406	SB-508	4	6	20071128	6.6	0.32	0.078	0.046 B	--	--	--	--	--	--	19.8 J	16.8 J	85.6
SB-508-0406-D	SB-508	4	6	20071128	5.6	0.38	0.079	0.036 B	--	--	--	--	--	--	13.3 J	9.4 J	85.1
SB-508-0810	SB-508	8	10	20071128	10.3	0.21	0.05	0.035 B	--	--	--	--	--	--	13.4 J	14.8	83.1
SB-509-0406	SB-509	4	6	20071129	5.4 J	0.3 L	0.042	0.028 B	--	--	--	--	--	--	14.5 J	10.7 B	86.3
SB-509-0810	SB-509	8	10	20071129	3.9 J	0.18 UL	0.032	0.02 B	--	--	--	--	--	--	10.6 J	6 B	87.4
SB-5-10	SB-005	10	10	20031120	4.6	3.4 U	3.4 UR	2.7 U	--	--	--	--	--	--	--	34 U	74
SB-510-0406	SB-510	4	6	20071128	4 J	0.75 L	0.061 K	0.024 B	--	--	--	--	--	--	13 J	5.9 B	86.9
SB-510-0810	SB-510	8	10	20071128	6.5 J	0.18 UL	0.069 K	0.025 B	--	--	--	--	--	--	15.8 J	9.8 B	86.6
SB-510-0810-D	SB-510	8	10	20071128	7.9 J	0.19 UL	0.065	0.021 B	--	--	--	--	--	--	16.9 J	11.2	85.7
SB-511-0406	SB-511	4	6	20071129	1.8 J	0.2 L	0.035	0.045 B	--	--	--	--	--	--	2.2 J	5.2 B	85.3
SB-511-0810	SB-511	8	10	20071129	2.6 J	0.2 UL	0.03	0.028 B	--	--	--	--	--	--	7.5 J	7 B	79.9
SB-512-0406	SB-512	4	6	20071129	11.5 J	0.53 L	0.066	0.053 B	--	--	--	--	--	--	12.6 J	12	87.7
SB-512-0810	SB-512	8	10	20071129	8 J	0.54 L	0.057	0.033 B	--	--	--	--	--	--	12.4 J	13.5	79.7
SB-512-0810-D	SB-512	8	10	20071129	6.8 L	0.33 L	0.07	0.028 K	--	--	--	--	--	--	14.8 J	15.7	79.4
SB-513-0406	SB-513	4	6	20071129	2.8 J	0.19 UL	0.03	0.035 B	--	--	--	--	--	--	12.3 J	9.3 B	85.2
SB-513-0810	SB-513	8	10	20071129	0.76 J	0.19 UL	0.0079 B	0.0052 B	--	--	--	--	--	--	3 J	5.5 B	85.6
SB-514-0406	SB-514	4	6	20071129	16.7 J	0.19 UL	0.089	0.041 B	--	--	--	--	--	--	15.2 J	35.3	82.7
SB-514-0810	SB-514	8	10	20071129	15.9 J	0.19 UL	0.11 K	0.061 B	--	--	--	--	--	--	16.5 J	62.3	84.4
SB-514-0810-D	SB-514	8	10	20071129	14.3 L	0.19 UL	0.086 K	0.041 K	--	--	--	--	--	--	11.2 J	37.7	84.8
SB-515-0406	SB-515	4	6	20071129	18.7 L	0.19 UL	0.087 K	0.034 K	--	--	--	--	--	--	13.5 J	58	82.6
SB-515-0810	SB-515	8	10	20071129	11.9 L	0.2 UL	0.079	0.038 K	--	--	--	--	--	--	11.5 J	28.6	80.8
SB-517-0406	SB-517	4	6	20071130	16.3 L	1.8 L	0.12	0.046 K	--	--	--	--	--	--	12.7 J	19.1	82.5
SB-517-0810	SB-517	8	10	20071130	11.2 L	0.58 L	0.073	0.035 K	--	--	--	--	--	--	15.1 J	41.3	82.6
SB-518-0406	SB-518	4	6	20071130	9.3 L	0.61 L	0.088	0.048 K	--	--	--	--	--	--	21.1 J	26.7	83.1
SB-518-0810	SB-518	8	10	20071130	3.8 L	0.21 UL	0.036	0.02 B	--	--	--	--	--	--	6.9 J	19.8	76.9
SB-519-0406	SB-519	4	6	20071130	9.7 L	0.57 L	0.087	0.043 K	--	--	--	--	--	--	11.5 J	20.2	86.1
SB-519-0810	SB-519	8	10	20071130	2.6 L	0.19 UL	0.047	0.008 B	--	--	--	--	--	--	5.1 J	13.1	86.2
SB-520-0406	SB-520	4	6	20071130	14.4 L	0.23 L	0.067	0.042 K	--	--	--	--	--	--	16.6 J	30.4	82.4
SB-520-0810	SB-520	8	10	20071130	8.3 L	0.19 UL	0.049	0.021 K	--	--	--	--	--	--	13.2 J	21	82.9
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	84
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	82
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	84

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)		MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)						PCBS (UG/KG)		
					FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254
					MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	F	MG/KG	MG/KG	S.U.	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	--	--	--	--	--	--	--	67 U	67 U	67 U
SB-2-10	SB-002	10	10	20031120	--	--	--	--	--	--	--	--	--	--	66 U	66 U	66 U
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	--	--	--	--	--	--	--	65 U	65 U	65 U
SB-3-10	SB-003	10	10	20031120	--	--	--	--	--	--	--	--	--	--	66 U	66 U	66 U
SB-35-04	SB-035	4	4	20040922	--	--	--	--	--	--	--	--	--	--	280 U	280 U	280 U
SB-36-05	SB-036	5	5	20040917	--	--	--	--	--	--	--	--	--	--	300 U	300 U	300 U
SB-4-05	SB-004	5	5	20031120	--	--	--	--	--	--	--	--	--	--	69 U	69 U	69 U
SB-4-10	SB-004	10	10	20031120	--	--	--	--	--	--	--	--	--	--	68 U	68 U	68 U
SB-500-0406	SB-500	4	6	20071127	--	--	--	--	--	--	--	--	--	--	37 U	37 U	37 U
SB-500-0810	SB-500	8	10	20071127	--	--	--	--	--	--	--	--	--	--	40 U	40 U	40 U
SB-501-0406	SB-501	4	6	20071127	--	--	--	--	--	--	--	--	--	--	740 U	740 U	740 U
SB-501-0810	SB-501	8	10	20071127	--	--	--	--	--	--	--	--	--	--	3900 U	3900 U	3900 U
SB-502-0406	SB-502	4	6	20071127	--	--	--	--	--	--	--	--	--	--	7700 U	7700 U	7700 U
SB-502-0810	SB-502	8	10	20071127	--	--	--	--	--	--	--	--	--	--	19000 U	19000 U	19000 U
SB-503-0406	SB-503	4	6	20071127	--	--	--	--	--	--	--	--	--	--	200 U	200 U	200 U
SB-504-0406	SB-504	4	6	20071127	--	--	--	--	--	--	--	--	--	--	1900 U	1900 U	1900 U
SB-504-0810	SB-504	8	10	20071127	--	--	--	--	--	--	--	--	--	--	380 U	380 U	380 U
SB-5-05	SB-005	5	5	20031120	--	--	--	--	--	--	--	--	--	--	64 U	64 U	64 U
SB-505-0406	SB-505	4	6	20071127	--	--	--	--	--	--	--	--	--	--	38 U	38 U	38 U
SB-505-0810	SB-505	8	10	20071127	--	--	--	--	--	--	--	--	--	--	210 U	210 U	210 U
SB-506-0406	SB-506	4	6	20071128	--	--	--	--	--	--	--	--	--	--	38 U	38 U	38 U
SB-506-0810	SB-506	8	10	20071128	--	--	--	--	--	--	--	--	--	--	42 U	42 U	42 U
SB-507-0406	SB-507	4	6	20071128	--	--	--	--	--	--	--	--	--	--	41 U	41 U	41 U
SB-507-0810	SB-507	8	10	20071128	--	--	--	--	--	--	--	--	--	--	38 U	38 U	38 U
SB-508-0406	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	39 U	39 U	39 U
SB-508-0406-D	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	39 U	39 U	39 U
SB-508-0810	SB-508	8	10	20071128	--	--	--	--	--	--	--	--	--	--	40 U	40 U	40 U
SB-509-0406	SB-509	4	6	20071129	--	--	--	--	--	--	--	--	--	--	38 U	38 U	38 U
SB-509-0810	SB-509	8	10	20071129	--	--	--	--	--	--	--	--	--	--	38 U	38 U	38 U
SB-5-10	SB-005	10	10	20031120	--	--	--	--	--	--	--	--	--	--	68 U	68 U	68 U
SB-510-0406	SB-510	4	6	20071128	--	--	--	--	--	--	--	--	--	--	38 U	38 U	38 U
SB-510-0810	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	38 U	38 U	38 U
SB-510-0810-D	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	39 U	39 U	39 U
SB-511-0406	SB-511	4	6	20071129	--	--	--	--	--	--	--	--	--	--	39 U	39 U	39 U
SB-511-0810	SB-511	8	10	20071129	--	--	--	--	--	--	--	--	--	--	41 U	41 U	41 U
SB-512-0406	SB-512	4	6	20071129	--	--	--	--	--	--	--	--	--	--	38 U	38 U	38 U
SB-512-0810	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	41 U	41 U	41 U
SB-512-0810-D	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	42 U	42 U	42 U
SB-513-0406	SB-513	4	6	20071129	--	--	--	--	--	--	--	--	--	--	39 U	39 U	39 U
SB-513-0810	SB-513	8	10	20071129	--	--	--	--	--	--	--	--	--	--	39 U	39 U	39 U
SB-514-0406	SB-514	4	6	20071129	--	--	--	--	--	--	--	--	--	--	40 U	40 U	40 U
SB-514-0810	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	39 U	39 U	39 U
SB-514-0810-D	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	39 U	39 U	39 U
SB-515-0406	SB-515	4	6	20071129	--	--	--	--	--	--	--	--	--	--	40 U	40 U	40 U
SB-515-0810	SB-515	8	10	20071129	--	--	--	--	--	--	--	--	--	--	41 U	41 U	41 U
SB-517-0406	SB-517	4	6	20071130	--	--	--	--	--	--	--	--	--	--	40 U	40 U	40 U
SB-517-0810	SB-517	8	10	20071130	--	--	--	--	--	--	--	--	--	--	40 U	40 U	40 U
SB-518-0406	SB-518	4	6	20071130	--	--	--	--	--	--	--	--	--	--	40 U	40 U	40 U
SB-518-0810	SB-518	8	10	20071130	--	--	--	--	--	--	--	--	--	--	43 U	43 U	43 U
SB-519-0406	SB-519	4	6	20071130	--	--	--	--	--	--	--	--	--	--	38 U	38 U	38 U
SB-519-0810	SB-519	8	10	20071130	--	--	--	--	--	--	--	--	--	--	38 U	38 U	38 U
SB-520-0406	SB-520	4	6	20071130	--	--	--	--	--	--	--	--	--	--	40 U	40 U	40 U
SB-520-0810	SB-520	8	10	20071130	--	--	--	--	--	--	--	--	--	--	40 U	40 U	40 U
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	20 U	20 U	20 U
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	20 U	20 U	20 U
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	20 U	20 U	20 U
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	19 U	19 U	19 U
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	19 U	19 U	19 U
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	20 U	20 U	20 U

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE				PESTICIDES (UG/KG)			PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS	
					AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDE	ENDOSULFAN SULFATE	ENDRIN ALDEHYDE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	26000 U	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	67 U	0 U	234.5	--	--	--	--	27000 U	130 U	--	--	--	440 U
SB-2-10	SB-002	10	10	20031120	66 U	0 U	231	--	--	--	--	26000 U	130 U	--	--	--	440 U
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	28000 U	--	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	27000 U	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	65 U	0 U	227.5	--	--	--	--	26000 U	490	--	--	--	440 U
SB-3-10	SB-003	10	10	20031120	66 U	0 U	231	--	--	--	--	26000 U	4400	--	--	--	440 U
SB-35-04	SB-035	4	4	20040922	280 U	0 U	980	--	--	--	--	12000 U	110 U	--	--	--	390 U
SB-36-05	SB-036	5	5	20040917	300 U	0 U	1050	--	--	--	--	12000 U	120 U	--	--	--	400 U
SB-4-05	SB-004	5	5	20031120	69 U	0 U	241.5	--	--	--	--	230000	190	--	--	--	460 U
SB-4-10	SB-004	10	10	20031120	68 U	0 U	238	--	--	--	--	27000 U	140 U	--	--	--	450 U
SB-500-0406	SB-500	4	6	20071127	37 U	0 U	129.5	--	--	--	--	--	--	--	15000 B	--	370 U
SB-500-0810	SB-500	8	10	20071127	40 U	0 U	140	--	--	--	--	--	--	--	640 J	--	400 U
SB-501-0406	SB-501	4	6	20071127	5800	5800	8020	--	--	--	--	--	--	--	25000 B	--	370 U
SB-501-0810	SB-501	8	10	20071127	24000	24000	35700	--	--	--	--	--	--	--	34000 B	--	390 U
SB-502-0406	SB-502	4	6	20071127	49000	49000	72100	--	--	--	--	--	--	--	48000	--	390 U
SB-502-0810	SB-502	8	10	20071127	65000	65000	122000	--	--	--	--	--	--	--	37000	--	3800 U
SB-503-0406	SB-503	4	6	20071127	380	380	980	--	--	--	--	--	--	--	9900 J	--	400 U
SB-504-0406	SB-504	4	6	20071127	11000	11000	16700	--	--	--	--	--	--	--	130000 B	--	140 J
SB-504-0810	SB-504	8	10	20071127	2300	2300	3440	--	--	--	--	--	--	--	43000	--	12 J
SB-5-05	SB-005	5	5	20031120	64 U	0 U	224	--	--	--	--	25000 U	130 U	--	--	--	420 U
SB-505-0406	SB-505	4	6	20071127	15 J	15	129	--	--	--	--	--	--	--	2700 B	--	380 U
SB-505-0810	SB-505	8	10	20071127	650	650	1280	--	--	--	--	--	--	--	7000 J	--	410 U
SB-506-0406	SB-506	4	6	20071128	38 U	0 U	133	--	--	--	--	--	--	--	17000 J	--	380 U
SB-506-0810	SB-506	8	10	20071128	20 J	20	146	--	--	--	--	--	--	--	3600 J	--	420 U
SB-507-0406	SB-507	4	6	20071128	41 U	0 U	143.5	--	--	--	--	--	--	--	4300 J	--	410 U
SB-507-0810	SB-507	8	10	20071128	38 U	0 U	133	--	--	--	--	--	--	--	2700 B	--	380 U
SB-508-0406	SB-508	4	6	20071128	39 U	0 U	136.5	--	--	--	--	--	--	--	1900 B	--	390 U
SB-508-0406-D	SB-508	4	6	20071128	39 U	0 U	136.5	--	--	--	--	--	--	--	1700 B	--	390 U
SB-508-0810	SB-508	8	10	20071128	40 U	0 U	140	--	--	--	--	--	--	--	2700 B	--	400 U
SB-509-0406	SB-509	4	6	20071129	38 U	0 U	133	--	--	--	--	--	--	--	13000 B	--	380 U
SB-509-0810	SB-509	8	10	20071129	38 U	0 U	133	--	--	--	--	--	--	--	5600 B	--	380 U
SB-5-10	SB-005	10	10	20031120	68 U	0 U	238	--	--	--	--	27000 U	140 U	--	--	--	450 U
SB-510-0406	SB-510	4	6	20071128	38 U	0 U	133	--	--	--	--	--	--	--	4700 B	--	380 UL
SB-510-0810	SB-510	8	10	20071128	16 J	16	130	--	--	--	--	--	--	--	10000 B	--	380 U
SB-510-0810-D	SB-510	8	10	20071128	39 U	0 U	136.5	--	--	--	--	--	--	--	6400 B	--	390 U
SB-511-0406	SB-511	4	6	20071129	16 J	16	133	--	--	--	--	--	--	--	1600 B	--	390 U
SB-511-0810	SB-511	8	10	20071129	41 U	0 U	143.5	--	--	--	--	--	--	--	7200 B	--	410 U
SB-512-0406	SB-512	4	6	20071129	38 U	0 U	133	--	--	--	--	--	--	--	6100 B	--	380 U
SB-512-0810	SB-512	8	10	20071129	18 J	18	141	--	--	--	--	--	--	--	21000 B	--	410 U
SB-512-0810-D	SB-512	8	10	20071129	53 J	53	179	--	--	--	--	--	--	--	23000	--	63 J
SB-513-0406	SB-513	4	6	20071129	39 U	0 U	136.5	--	--	--	--	--	--	--	8400 B	--	390 U
SB-513-0810	SB-513	8	10	20071129	39 U	0 U	136.5	--	--	--	--	--	--	--	990 B	--	390 U
SB-514-0406	SB-514	4	6	20071129	40 U	0 U	140	--	--	--	--	--	--	--	9100 B	--	400 U
SB-514-0810	SB-514	8	10	20071129	39 U	0 U	136.5	--	--	--	--	--	--	--	8300 B	--	390 U
SB-514-0810-D	SB-514	8	10	20071129	39 U	0 U	136.5	--	--	--	--	--	--	--	2700 B	--	390 U
SB-515-0406	SB-515	4	6	20071129	40 U	0 U	140	--	--	--	--	--	--	--	2000 B	--	400 U
SB-515-0810	SB-515	8	10	20071129	19 J	19	142	--	--	--	--	--	--	--	2200 B	--	410 U
SB-517-0406	SB-517	4	6	20071130	40 U	0 U	140	--	--	--	--	--	--	--	1600 B	--	400 U
SB-517-0810	SB-517	8	10	20071130	190	190	310	--	--	--	--	--	--	--	1800 B	--	400 U
SB-518-0406	SB-518	4	6	20071130	40 U	0 U	140	--	--	--	--	--	--	--	1800 B	--	400 U
SB-518-0810	SB-518	8	10	20071130	43 U	0 U	150.5	--	--	--	--	--	--	--	1700 B	--	430 U
SB-519-0406	SB-519	4	6	20071130	38 U	0 U	133	--	--	--	--	--	--	--	1500 B	--	380 U
SB-519-0810	SB-519	8	10	20071130	38 U	0 U	133	--	--	--	--	--	--	--	1300 B	--	380 U
SB-520-0406	SB-520	4	6	20071130	40 U	0 U	140	--	--	--	--	--	--	--	1300 B	--	400 U
SB-520-0810	SB-520	8	10	20071130	40 U	0 U	140	--	--	--	--	--	--	--	1100 B	--	400 U
SB-541A-4	SB-541A	4	4	20081111	20 U	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	20 U	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	20 U	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	19 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	19 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	20 U	0 U	70	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	(UG/KG) ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	10000	10000	10000	NA	NA	NA	NA	NA	NA	NA
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	440 U	440 U	440 U	440 U	440 U	18.3255	440 U	440 U	440 U	440 U	440 U	440 U	440 U
SB-2-10	SB-002	10	10	20031120	440 U	440 U	440 U	440 U	440 U	33.522	440 U	440 U	440 U	440 U	440 U	440 U	440 U
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	440 U	440 U	440 U	440 U	440 U	79.9259	440 U	440 U	440 U	440 U	440 U	440 U	440 U
SB-3-10	SB-003	10	10	20031120	440 U	440 U	440 U	440 U	440 U	121.215	440 U	440 U	440 U	440 U	440 U	440 U	440 U
SB-35-04	SB-035	4	4	20040922	390 U	390 U	390 U	390 U	390 U	63.0274	390 U	390 U	390 U	390 U	390 U	390 U	390 U
SB-36-05	SB-036	5	5	20040917	400 U	400 U	400 U	400 U	400 U	49.236	400 U	400 UJ	400 UJ	400 UJ	400 UJ	400 U	400 UJ
SB-4-05	SB-004	5	5	20031120	460 U	460 U	460 U	531.352	0.052	80.0193	460 U	460 U	460 U	50 J	460 U	52 J	460 U
SB-4-10	SB-004	10	10	20031120	450 U	450 U	450 U	450 U	450 U	57.3454	450 U	450 U	450 U	450 U	450 U	450 U	450 U
SB-500-0406	SB-500	4	6	20071127	370 U	370 U	370 U	370 U	370 U	84.6102	370 U	370 U	370 U	370 U	370 U	370 U	370 U
SB-500-0810	SB-500	8	10	20071127	400 U	400 U	400 U	400 U	400 U	54.5435	400 U	400 U	400 U	400 U	400 U	400 U	400 U
SB-501-0406	SB-501	4	6	20071127	370 U	370 U	370 U	370 U	370 U	135.096	370 U	370 U	370 U	370 U	370 U	370 U	370 U
SB-501-0810	SB-501	8	10	20071127	390 U	390 U	390 U	390 U	390 U	77.6481	390 U	390 U	390 U	390 U	390 U	390 U	390 U
SB-502-0406	SB-502	4	6	20071127	390 U	390 U	390 U	217.306	22.306	73.1557	21 J	16 J	31 J	11 J	9.3 J	13 J	390 U
SB-502-0810	SB-502	8	10	20071127	3800 U	3800 U	3800 U	3800 U	3800 U	41.8449	3800 U	3800 U	3800 U	3800 U	3800 U	3800 U	3800 U
SB-503-0406	SB-503	4	6	20071127	400 U	400 U	400 U	234.499	34.499	73.1828	28 J	26 J	40 J	19 J	17 J	29 J	400 U
SB-504-0406	SB-504	4	6	20071127	500 J	1500 U	1100 J	2167.4	2167.4	2167.4	2000	1500	1900	710 J	770 J	1700	200 J
SB-504-0810	SB-504	8	10	20071127	21 J	380 U	26 J	287.051	97.051	128.791	83 J	73 J	110 J	47 J	38 J	71 J	380 U
SB-5-05	SB-005	5	5	20031120	420 U	420 U	420 U	420 U	420 U	20.2427	420 U	420 U	420 U	420 U	420 U	420 U	420 U
SB-505-0406	SB-505	4	6	20071127	380 U	380 U	380 U	380 U	380 U	51.2548	380 U	380 U	380 U	380 U	380 U	380 U	380 U
SB-505-0810	SB-505	8	10	20071127	410 U	410 U	410 U	238.674	13.174	30.3147	9.7 J	10 J	21 J	410 U	9.2 J	12 J	410 U
SB-506-0406	SB-506	4	6	20071128	380 U	380 U	380 U	380 U	380 U	69.0737	380 U	380 U	380 U	380 U	380 U	380 U	380 U
SB-506-0810	SB-506	8	10	20071128	420 U	420 U	420 U	420 U	420 U	38.6302	420 U	420 U	420 U	420 U	420 U	420 U	420 U
SB-507-0406	SB-507	4	6	20071128	410 U	410 U	410 U	410 U	410 U	26.6026	410 U	410 U	410 U	410 U	410 U	410 U	410 U
SB-507-0810	SB-507	8	10	20071128	380 U	380 U	380 U	380 U	380 U	80.8895	380 U	380 U	380 U	380 U	380 U	380 U	380 U
SB-508-0406	SB-508	4	6	20071128	390 U	390 U	390 U	390 U	390 U	92.0008	390 U	390 U	390 U	390 U	390 U	390 U	390 U
SB-508-0406-D	SB-508	4	6	20071128	390 U	390 U	390 U	390 U	390 U	98.5236	390 U	390 U	390 U	390 U	390 U	390 U	390 U
SB-508-0810	SB-508	8	10	20071128	400 U	400 U	400 U	400 U	400 U	62.1328	400 U	400 U	400 U	400 U	400 U	400 U	400 U
SB-509-0406	SB-509	4	6	20071129	380 U	380 U	380 U	380 U	380 U	108.372	380 U	380 U	380 U	380 U	380 U	380 U	380 U
SB-509-0810	SB-509	8	10	20071129	380 U	380 U	380 U	380 U	380 U	119.824	380 U	380 U	380 U	380 U	380 U	380 U	380 U
SB-5-10	SB-005	10	10	20031120	450 U	450 U	450 U	450 U	450 U	83.8569	450 U	450 U	450 U	450 U	450 U	450 U	450 U
SB-510-0406	SB-510	4	6	20071128	380 UL	380 UL	380 UL	380 U	380 U	132.811	380 UL	380 UL	380 UL	380 UL	380 UL	380 UL	380 UL
SB-510-0810	SB-510	8	10	20071128	380 U	380 U	380 U	236.422	46.422	131.606	34 J	34 J	64 J	27 J	18 J	42 J	380 U
SB-510-0810-D	SB-510	8	10	20071128	390 U	390 U	390 U	223.763	28.763	91.9602	23 J	21 J	37 J	17 J	14 J	23 J	390 U
SB-511-0406	SB-511	4	6	20071129	390 U	390 U	390 U	413.319	1.8687	89.0773	8.8 J	390 U	9.8 J	390 U	390 U	8.7 J	390 U
SB-511-0810	SB-511	8	10	20071129	410 U	410 U	410 U	410 U	410 U	33.9901	410 U	410 U	410 U	410 U	410 U	410 U	410 U
SB-512-0406	SB-512	4	6	20071129	380 U	380 U	380 U	380 U	380 U	155.373	380 U	380 U	380 U	380 U	380 U	380 U	380 U
SB-512-0810	SB-512	8	10	20071129	410 U	410 U	410 U	303.029	95.979	124.865	63 J	75 J	98 J	68 J	410 U	79 J	410 U
SB-512-0810-D	SB-512	8	10	20071129	35 J	18 J	58 J	455.86	455.86	455.86	280 J	310 J	370 J	250 J	150 J	360 J	61 J
SB-513-0406	SB-513	4	6	20071129	390 U	390 U	390 U	432.145	1	110.959	390 U	390 U	10 J	390 U	390 U	390 U	390 U
SB-513-0810	SB-513	8	10	20071129	390 U	390 U	390 U	390 U	390 U	130.296	390 U	390 U	390 U	390 U	390 U	390 U	390 U
SB-514-0406	SB-514	4	6	20071129	400 U	400 U	400 U	400 U	400 U	67.4488	400 U	400 U	400 U	400 U	400 U	400 U	400 U
SB-514-0810	SB-514	8	10	20071129	390 U	390 U	390 U	390 U	390 U	140.183	390 U	390 U	390 U	390 U	390 U	390 U	390 U
SB-514-0810-D	SB-514	8	10	20071129	390 U	390 U	390 U	390 U	390 U	151.098	390 U	390 U	390 U	390 U	390 U	390 U	390 U
SB-515-0406	SB-515	4	6	20071129	400 U	400 U	400 U	400 U	400 U	73.1873	400 U	400 U	400 U	400 U	400 U	400 U	400 U
SB-515-0810	SB-515	8	10	20071129	410 U	410 U	410 U	454.655	1.4	44.9804	410 U	410 U	14 J	410 U	410 U	410 U	410 U
SB-517-0406	SB-517	4	6	20071130	400 U	400 U	400 U	400 U	400 U	79.4045	400 U	400 U	400 U	400 U	400 U	400 U	400 U
SB-517-0810	SB-517	8	10	20071130	400 U	400 U	400 U	239.592	39.592	94.0035	29 J	30 J	48 J	21 J	16 J	32 J	400 U
SB-518-0406	SB-518	4	6	20071130	400 U	400 U	400 U	400 U	400 U	97.607	400 U	400 U	400 U	400 U	400 U	400 U	400 U
SB-518-0810	SB-518	8	10	20071130	430 U	430 U	430 U	430 U	430 U	49.079	430 U	430 U	430 U	430 U	430 U	430 U	430 U
SB-519-0406	SB-519	4	6	20071130	380 U	380 U	380 U	380 U	380 U	194.799	380 U	380 U	380 U	380 U	380 U	380 U	380 U
SB-519-0810	SB-519	8	10	20071130	380 U	380 U	380 U	380 U	380 U	220.085	380 U	380 U	380 U	380 U	380 U	380 U	380 U
SB-520-0406	SB-520	4	6	20071130	400 U	400 U	400 U	400 U	400 U	106.016	400 U	400 U	400 U	400 U	400 U	400 U	400 U
SB-520-0810	SB-520	8	10	20071130	400 U	400 U	400 U	424.069	2.0692	95.7596	8.6 J	400 U	12 J	400 U	400 U	9.2 J	400 U
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)				
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	440 U	440 U	440 U	440 U	440 U	440 U	0 U	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	440 U	440 U	440 U	440 U	440 U	440 U	0 U	--	--	--	--	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	440 U	440 U	440 U	440 U	440 U	440 U	0 U	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	440 U	440 U	440 U	440 U	440 U	440 U	0 U	--	--	--	--	--	--
SB-35-04	SB-035	4	4	20040922	390 U	390 U	390 U	390 U	390 U	390 U	0 U	--	--	--	--	--	--
SB-36-05	SB-036	5	5	20040917	400 U	400 U	400 UJ	400 U	400 U	400 U	0 U	--	--	--	--	--	--
SB-4-05	SB-004	5	5	20031120	460 U	460 U	460 U	460 U	460 U	57 J	159	--	--	--	--	--	--
SB-4-10	SB-004	10	10	20031120	450 U	450 U	450 U	450 U	450 U	450 U	0 U	--	--	--	--	--	--
SB-500-0406	SB-500	4	6	20071127	370 U	370 U	370 U	370 U	370 U	370 U	0 U	--	--	--	--	--	--
SB-500-0810	SB-500	8	10	20071127	400 U	400 U	400 U	400 U	400 U	400 U	0 U	--	--	--	--	--	--
SB-501-0406	SB-501	4	6	20071127	370 U	370 U	370 U	370 U	370 U	370 U	0 U	--	--	--	--	--	--
SB-501-0810	SB-501	8	10	20071127	390 U	390 U	390 U	390 U	390 U	390 U	0 U	--	--	--	--	--	--
SB-502-0406	SB-502	4	6	20071127	32 J	390 U	10 J	390 U	10 J	20 J	173.3	--	--	--	--	--	--
SB-502-0810	SB-502	8	10	20071127	3800 U	3800 U	3800 U	3800 U	3800 U	3800 U	0 U	--	--	--	--	--	--
SB-503-0406	SB-503	4	6	20071127	54 J	400 U	15 J	400 U	25 J	51 J	304	--	--	--	--	--	--
SB-504-0406	SB-504	4	6	20071127	4900	510 J	680 J	330 J	3900	3400	24240	--	--	--	--	--	--
SB-504-0810	SB-504	8	10	20071127	190 J	19 J	43 J	22 J	100 J	120 J	975	--	--	--	--	--	--
SB-5-05	SB-005	5	5	20031120	420 U	420 U	420 U	420 U	420 U	420 U	0 U	--	--	--	--	--	--
SB-505-0406	SB-505	4	6	20071127	380 U	380 U	380 U	380 U	380 U	380 U	0 U	--	--	--	--	--	--
SB-505-0810	SB-505	8	10	20071127	21 J	410 U	410 U	410 U	410 U	17 J	99.9	--	--	--	--	--	--
SB-506-0406	SB-506	4	6	20071128	380 U	380 U	380 U	380 U	380 U	380 U	0 U	--	--	--	--	--	--
SB-506-0810	SB-506	8	10	20071128	420 U	420 U	420 U	420 U	420 U	420 U	0 U	--	--	--	--	--	--
SB-507-0406	SB-507	4	6	20071128	410 U	410 U	410 U	410 U	410 U	410 U	0 U	--	--	--	--	--	--
SB-507-0810	SB-507	8	10	20071128	380 U	380 U	380 U	380 U	380 U	380 U	0 U	--	--	--	--	--	--
SB-508-0406	SB-508	4	6	20071128	390 U	390 U	390 U	390 U	390 U	390 U	0 U	--	--	--	--	--	--
SB-508-0406-D	SB-508	4	6	20071128	390 U	390 U	390 U	390 U	390 U	390 U	0 U	--	--	--	--	--	--
SB-508-0810	SB-508	8	10	20071128	400 U	400 U	400 U	400 U	400 U	400 U	0 U	--	--	--	--	--	--
SB-509-0406	SB-509	4	6	20071129	380 U	380 U	380 U	380 U	380 U	380 U	0 U	--	--	--	--	--	--
SB-509-0810	SB-509	8	10	20071129	380 U	380 U	380 U	380 U	380 U	380 U	0 U	--	--	--	--	--	--
SB-5-10	SB-005	10	10	20031120	450 U	450 U	450 U	450 U	450 U	450 U	0 U	--	--	--	--	--	--
SB-510-0406	SB-510	4	6	20071128	380 UL	380 UL	380 UL	380 UL	380 UL	380 UL	0 U	--	--	--	--	--	--
SB-510-0810	SB-510	8	10	20071128	78 J	380 U	24 J	380 U	25 J	59 J	405	--	--	--	--	--	--
SB-510-0810-D	SB-510	8	10	20071128	46 J	390 U	16 J	390 U	15 J	34 J	246	--	--	--	--	--	--
SB-511-0406	SB-511	4	6	20071129	12 J	390 U	390 U	390 U	390 U	9.2 J	48.5	--	--	--	--	--	--
SB-511-0810	SB-511	8	10	20071129	9.2 J	410 U	410 U	410 U	410 U	410 U	9.2	--	--	--	--	--	--
SB-512-0406	SB-512	4	6	20071129	380 U	380 U	380 U	380 U	380 U	380 U	0 U	--	--	--	--	--	--
SB-512-0810	SB-512	8	10	20071129	120 J	410 U	48 J	410 U	90 J	140 J	781	--	--	--	--	--	--
SB-512-0810-D	SB-512	8	10	20071129	600 J	17 J	180 J	65 J	550 J	710 J	4077	--	--	--	--	--	--
SB-513-0406	SB-513	4	6	20071129	390 U	390 U	390 U	390 U	390 U	390 U	10	--	--	--	--	--	--
SB-513-0810	SB-513	8	10	20071129	390 U	390 U	390 U	390 U	390 U	390 U	0 U	--	--	--	--	--	--
SB-514-0406	SB-514	4	6	20071129	400 U	400 U	400 U	400 U	400 U	400 U	0 U	--	--	--	--	--	--
SB-514-0810	SB-514	8	10	20071129	390 U	390 U	390 U	390 U	390 U	390 U	0 U	--	--	--	--	--	--
SB-514-0810-D	SB-514	8	10	20071129	390 U	390 U	390 U	390 U	390 U	390 U	0 U	--	--	--	--	--	--
SB-515-0406	SB-515	4	6	20071129	400 U	400 U	400 U	400 U	400 U	400 U	0 U	--	--	--	--	--	--
SB-515-0810	SB-515	8	10	20071129	410 U	410 U	410 U	410 U	410 U	410 U	14	--	--	--	--	--	--
SB-517-0406	SB-517	4	6	20071130	400 U	400 U	400 U	400 U	400 U	400 U	0 U	--	--	--	--	--	--
SB-517-0810	SB-517	8	10	20071130	57 J	400 U	17 J	400 U	25 J	48 J	323	--	--	--	--	--	--
SB-518-0406	SB-518	4	6	20071130	400 U	400 U	400 U	400 U	400 U	400 U	0 U	--	--	--	--	--	--
SB-518-0810	SB-518	8	10	20071130	430 U	430 U	430 U	430 U	430 U	430 U	0 U	--	--	--	--	--	--
SB-519-0406	SB-519	4	6	20071130	380 U	380 U	380 U	380 U	380 U	380 U	0 U	--	--	--	--	--	--
SB-519-0810	SB-519	8	10	20071130	380 U	380 U	380 U	380 U	380 U	380 U	0 U	--	--	--	--	--	--
SB-520-0406	SB-520	4	6	20071130	400 U	400 U	400 U	400 U	400 U	400 U	0 U	--	--	--	--	--	--
SB-520-0810	SB-520	8	10	20071130	15 J	400 U	400 U	400 U	400 U	12 J	56.8	--	--	--	--	--	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE		RADIONUCLIDES (PCI/G)												
					URANIUM-238	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIOCHEMISTRY BY ALPHA	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-04	SB-035	4	4	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-05	SB-036	5	5	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-05	SB-004	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-10	SB-004	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0406	SB-500	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0810	SB-500	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0406	SB-501	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0810	SB-501	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0406	SB-502	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0810	SB-502	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0406	SB-503	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0406	SB-504	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0810	SB-504	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-05	SB-005	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0406	SB-505	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0810	SB-505	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0406	SB-506	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0810	SB-506	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0406	SB-507	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0810	SB-507	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-D	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0810	SB-508	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0406	SB-509	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0810	SB-509	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-10	SB-005	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0406	SB-510	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-D	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0406	SB-511	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0810	SB-511	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0406	SB-512	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-D	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0406	SB-513	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0810	SB-513	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0406	SB-514	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-D	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0406	SB-515	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0810	SB-515	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0406	SB-517	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0810	SB-517	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0406	SB-518	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0810	SB-518	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0406	SB-519	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0810	SB-519	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0406	SB-520	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0810	SB-520	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									SEMIVOLATILES (UG/KG)				
					THORIUM-232	THORIUM-234	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	2-METHYLNAPHTHALENE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	--	--	--	--	--	440 U	--	440 U	--	--
SB-2-10	SB-002	10	10	20031120	--	--	--	--	--	--	--	--	440 U	--	440 U	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	--	--	--	--	--	440 U	--	440 U	--	--
SB-3-10	SB-003	10	10	20031120	--	--	--	--	--	--	--	--	440 U	--	440 U	--	--
SB-35-04	SB-035	4	4	20040922	--	--	--	--	--	--	--	--	390 U	--	390 U	--	--
SB-36-05	SB-036	5	5	20040917	--	--	--	--	--	--	--	--	400 U	--	400 U	--	--
SB-4-05	SB-004	5	5	20031120	--	--	--	--	--	--	--	--	460 U	--	460 U	--	--
SB-4-10	SB-004	10	10	20031120	--	--	--	--	--	--	--	--	450 U	--	450 U	--	--
SB-500-0406	SB-500	4	6	20071127	--	--	--	--	--	--	--	--	370 U	--	--	--	--
SB-500-0810	SB-500	8	10	20071127	--	--	--	--	--	--	--	--	400 U	--	--	--	--
SB-501-0406	SB-501	4	6	20071127	--	--	--	--	--	--	--	--	370 U	--	--	--	--
SB-501-0810	SB-501	8	10	20071127	--	--	--	--	--	--	--	--	390 U	--	--	--	--
SB-502-0406	SB-502	4	6	20071127	--	--	--	--	--	--	--	--	390 U	--	--	--	--
SB-502-0810	SB-502	8	10	20071127	--	--	--	--	--	--	--	--	3800 U	--	--	--	--
SB-503-0406	SB-503	4	6	20071127	--	--	--	--	--	--	--	--	400 U	--	--	--	--
SB-504-0406	SB-504	4	6	20071127	--	--	--	--	--	--	--	--	1500 U	--	--	--	--
SB-504-0810	SB-504	8	10	20071127	--	--	--	--	--	--	--	--	380 U	--	--	--	--
SB-5-05	SB-005	5	5	20031120	--	--	--	--	--	--	--	--	420 U	--	420 U	--	--
SB-505-0406	SB-505	4	6	20071127	--	--	--	--	--	--	--	--	380 U	--	--	--	--
SB-505-0810	SB-505	8	10	20071127	--	--	--	--	--	--	--	--	410 U	--	--	--	--
SB-506-0406	SB-506	4	6	20071128	--	--	--	--	--	--	--	--	380 U	--	--	--	--
SB-506-0810	SB-506	8	10	20071128	--	--	--	--	--	--	--	--	420 U	--	--	--	--
SB-507-0406	SB-507	4	6	20071128	--	--	--	--	--	--	--	--	410 U	--	--	--	--
SB-507-0810	SB-507	8	10	20071128	--	--	--	--	--	--	--	--	380 U	--	--	--	--
SB-508-0406	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	390 U	--	--	--	--
SB-508-0406-D	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	390 U	--	--	--	--
SB-508-0810	SB-508	8	10	20071128	--	--	--	--	--	--	--	--	400 U	--	--	--	--
SB-509-0406	SB-509	4	6	20071129	--	--	--	--	--	--	--	--	380 U	--	--	--	--
SB-509-0810	SB-509	8	10	20071129	--	--	--	--	--	--	--	--	380 U	--	--	--	--
SB-5-10	SB-005	10	10	20031120	--	--	--	--	--	--	--	--	450 U	--	450 U	--	--
SB-510-0406	SB-510	4	6	20071128	--	--	--	--	--	--	--	--	380 UL	--	--	--	--
SB-510-0810	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	380 U	--	--	--	--
SB-510-0810-D	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	390 U	--	--	--	--
SB-511-0406	SB-511	4	6	20071129	--	--	--	--	--	--	--	--	390 U	--	--	--	--
SB-511-0810	SB-511	8	10	20071129	--	--	--	--	--	--	--	--	410 U	--	--	--	--
SB-512-0406	SB-512	4	6	20071129	--	--	--	--	--	--	--	--	380 U	--	--	--	--
SB-512-0810	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	410 U	--	--	--	--
SB-512-0810-D	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	420 U	--	--	--	--
SB-513-0406	SB-513	4	6	20071129	--	--	--	--	--	--	--	--	390 U	--	--	--	--
SB-513-0810	SB-513	8	10	20071129	--	--	--	--	--	--	--	--	390 U	--	--	--	--
SB-514-0406	SB-514	4	6	20071129	--	--	--	--	--	--	--	--	400 U	--	--	--	--
SB-514-0810	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	390 U	--	--	--	--
SB-514-0810-D	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	390 U	--	--	--	--
SB-515-0406	SB-515	4	6	20071129	--	--	--	--	--	--	--	--	400 U	--	--	--	--
SB-515-0810	SB-515	8	10	20071129	--	--	--	--	--	--	--	--	410 U	--	--	--	--
SB-517-0406	SB-517	4	6	20071130	--	--	--	--	--	--	--	--	400 U	--	--	--	--
SB-517-0810	SB-517	8	10	20071130	--	--	--	--	--	--	--	--	400 U	--	--	--	--
SB-518-0406	SB-518	4	6	20071130	--	--	--	--	--	--	--	--	400 U	--	--	--	--
SB-518-0810	SB-518	8	10	20071130	--	--	--	--	--	--	--	--	430 U	--	--	--	--
SB-519-0406	SB-519	4	6	20071130	--	--	--	--	--	--	--	--	380 U	--	--	--	--
SB-519-0810	SB-519	8	10	20071130	--	--	--	--	--	--	--	--	380 U	--	--	--	--
SB-520-0406	SB-520	4	6	20071130	--	--	--	--	--	--	--	--	400 U	--	--	--	--
SB-520-0810	SB-520	8	10	20071130	--	--	--	--	--	--	--	--	400 U	--	--	--	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	--	--	--	--	--	--	440 U	440 U	440 U	440 U
SB-2-10	SB-002	10	10	20031120	--	--	--	--	--	--	--	--	--	440 U	440 U	440 U	440 U
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	--	--	--	--	--	--	440 U	440 U	440 U	440 U
SB-3-10	SB-003	10	10	20031120	--	--	--	--	--	--	--	--	--	440 U	440 U	440 U	440 U
SB-35-04	SB-035	4	4	20040922	--	--	--	--	--	--	--	--	--	390 U	390 U	390 U	390 U
SB-36-05	SB-036	5	5	20040917	--	--	--	--	--	--	--	--	--	400 U	400 U	400 U	400 U
SB-4-05	SB-004	5	5	20031120	--	--	--	--	--	--	--	--	--	460 U	460 U	460 U	460 U
SB-4-10	SB-004	10	10	20031120	--	--	--	--	--	--	--	--	--	450 U	450 U	450 U	450 U
SB-500-0406	SB-500	4	6	20071127	--	--	--	370 U	--	--	--	--	--	370 U	370 U	370 U	370 U
SB-500-0810	SB-500	8	10	20071127	--	--	--	400 U	--	--	--	--	--	400 U	400 U	400 U	400 U
SB-501-0406	SB-501	4	6	20071127	--	--	--	370 U	--	--	--	--	--	370 U	370 U	370 U	370 U
SB-501-0810	SB-501	8	10	20071127	--	--	--	390 U	--	--	--	--	--	390 U	390 U	390 U	390 U
SB-502-0406	SB-502	4	6	20071127	--	--	--	390 U	--	--	--	--	--	390 U	390 U	390 U	390 U
SB-502-0810	SB-502	8	10	20071127	--	--	--	3800 U	--	--	--	--	--	3800 U	3800 U	3800 U	3800 U
SB-503-0406	SB-503	4	6	20071127	--	--	--	400 U	--	--	--	--	--	400 U	400 U	400 U	400 U
SB-504-0406	SB-504	4	6	20071127	--	--	--	1500 U	--	--	--	--	--	1500 U	1500 U	1500 U	370 J
SB-504-0810	SB-504	8	10	20071127	--	--	--	380 U	--	--	--	--	--	38 J	380 U	380 U	22 J
SB-5-05	SB-005	5	5	20031120	--	--	--	--	--	--	--	--	--	420 U	420 U	420 U	420 U
SB-505-0406	SB-505	4	6	20071127	--	--	--	380 U	--	--	--	--	--	380 U	380 U	380 U	380 U
SB-505-0810	SB-505	8	10	20071127	--	--	--	410 U	--	--	--	--	--	25 J	410 U	410 U	410 U
SB-506-0406	SB-506	4	6	20071128	--	--	--	380 U	--	--	--	--	--	380 U	380 U	380 U	380 U
SB-506-0810	SB-506	8	10	20071128	--	--	--	420 U	--	--	--	--	--	420 U	420 U	420 U	420 U
SB-507-0406	SB-507	4	6	20071128	--	--	--	410 U	--	--	--	--	--	410 U	410 U	410 U	410 U
SB-507-0810	SB-507	8	10	20071128	--	--	--	380 U	--	--	--	--	--	380 U	380 U	380 U	380 U
SB-508-0406	SB-508	4	6	20071128	--	--	--	390 U	--	--	--	--	--	390 U	390 U	390 U	390 U
SB-508-0406-D	SB-508	4	6	20071128	--	--	--	390 U	--	--	--	--	--	390 U	390 U	390 U	390 U
SB-508-0810	SB-508	8	10	20071128	--	--	--	400 U	--	--	--	--	--	400 U	400 U	400 U	400 U
SB-509-0406	SB-509	4	6	20071129	--	--	--	380 U	--	--	--	--	--	380 U	380 U	380 U	380 U
SB-509-0810	SB-509	8	10	20071129	--	--	--	380 U	--	--	--	--	--	380 U	380 U	380 U	380 U
SB-5-10	SB-005	10	10	20031120	--	--	--	--	--	--	--	--	--	450 U	450 U	450 U	450 U
SB-510-0406	SB-510	4	6	20071128	--	--	--	380 UL	--	--	--	--	--	380 UL	380 UL	380 UL	380 UL
SB-510-0810	SB-510	8	10	20071128	--	--	--	380 U	--	--	--	--	--	380 U	380 U	380 U	380 U
SB-510-0810-D	SB-510	8	10	20071128	--	--	--	390 U	--	--	--	--	--	390 U	390 U	390 U	390 U
SB-511-0406	SB-511	4	6	20071129	--	--	--	390 U	--	--	--	--	--	390 U	390 U	390 U	390 U
SB-511-0810	SB-511	8	10	20071129	--	--	--	410 U	--	--	--	--	--	410 U	410 U	410 U	410 U
SB-512-0406	SB-512	4	6	20071129	--	--	--	380 U	--	--	--	--	--	380 U	380 U	380 U	380 U
SB-512-0810	SB-512	8	10	20071129	--	--	--	410 U	--	--	--	--	--	410 U	410 U	410 U	410 U
SB-512-0810-D	SB-512	8	10	20071129	--	--	--	420 U	--	--	--	--	--	420 U	420 U	420 U	420 U
SB-513-0406	SB-513	4	6	20071129	--	--	--	390 U	--	--	--	--	--	390 U	390 U	390 U	390 U
SB-513-0810	SB-513	8	10	20071129	--	--	--	390 U	--	--	--	--	--	390 U	390 U	390 U	390 U
SB-514-0406	SB-514	4	6	20071129	--	--	--	400 U	--	--	--	--	--	400 U	400 U	400 U	400 U
SB-514-0810	SB-514	8	10	20071129	--	--	--	390 U	--	--	--	--	--	28 J	390 U	390 U	390 U
SB-514-0810-D	SB-514	8	10	20071129	--	--	--	390 U	--	--	--	--	--	24 J	390 U	390 U	390 U
SB-515-0406	SB-515	4	6	20071129	--	--	--	400 U	--	--	--	--	--	400 U	400 U	400 U	400 U
SB-515-0810	SB-515	8	10	20071129	--	--	--	410 U	--	--	--	--	--	410 U	410 U	410 U	410 U
SB-517-0406	SB-517	4	6	20071130	--	--	--	400 U	--	--	--	--	--	400 U	400 U	400 U	400 U
SB-517-0810	SB-517	8	10	20071130	--	--	--	400 U	--	--	--	--	--	30 J	400 U	400 U	400 U
SB-518-0406	SB-518	4	6	20071130	--	--	--	400 U	--	--	--	--	--	400 U	400 U	400 U	400 U
SB-518-0810	SB-518	8	10	20071130	--	--	--	430 U	--	--	--	--	--	430 U	430 U	430 U	430 U
SB-519-0406	SB-519	4	6	20071130	--	--	--	380 U	--	--	--	--	--	380 U	380 U	380 U	380 U
SB-519-0810	SB-519	8	10	20071130	--	--	--	380 U	--	--	--	--	--	380 U	380 U	380 U	380 U
SB-520-0406	SB-520	4	6	20071130	--	--	--	400 U	--	--	--	--	--	400 U	400 U	400 U	400 U
SB-520-0810	SB-520	8	10	20071130	--	--	--	400 U	--	--	--	--	--	400 U	400 U	400 U	400 U
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE	DIBENZOFURAN	DI-N-BUTYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	440 U	440 U	--	--	--	--	--	440 U	--	--	--
SB-2-10	SB-002	10	10	20031120	--	--	440 U	440 U	--	--	--	--	--	440 U	--	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	440 U	440 U	--	--	--	--	--	440 U	--	--	--
SB-3-10	SB-003	10	10	20031120	--	--	440 U	440 U	--	--	--	--	--	440 U	--	--	--
SB-35-04	SB-035	4	4	20040922	--	--	390 U	390 U	--	--	--	--	--	390 U	--	--	--
SB-36-05	SB-036	5	5	20040917	--	--	400 U	400 U	--	--	--	--	--	400 U	--	--	--
SB-4-05	SB-004	5	5	20031120	--	--	460 U	460 U	--	--	--	--	--	460 U	--	--	--
SB-4-10	SB-004	10	10	20031120	--	--	450 U	450 U	--	--	--	--	--	450 U	--	--	--
SB-500-0406	SB-500	4	6	20071127	--	--	370 U	370 U	--	--	--	--	--	370 U	--	--	--
SB-500-0810	SB-500	8	10	20071127	--	--	400 U	400 U	--	--	--	--	--	400 U	--	--	--
SB-501-0406	SB-501	4	6	20071127	--	--	370 U	370 U	--	--	--	--	--	370 U	--	--	--
SB-501-0810	SB-501	8	10	20071127	--	--	390 U	390 U	--	--	--	--	--	390 U	--	--	--
SB-502-0406	SB-502	4	6	20071127	--	--	390 U	390 U	--	--	--	--	--	390 U	--	--	--
SB-502-0810	SB-502	8	10	20071127	--	--	3800 U	3800 U	--	--	--	--	--	3800 U	--	--	--
SB-503-0406	SB-503	4	6	20071127	--	--	400 U	400 U	--	--	--	--	--	400 U	--	--	--
SB-504-0406	SB-504	4	6	20071127	--	--	260 J	1500 U	--	--	--	--	--	1500 U	--	--	--
SB-504-0810	SB-504	8	10	20071127	--	--	380 U	380 U	--	--	--	--	--	380 U	--	--	--
SB-5-05	SB-005	5	5	20031120	--	--	420 U	420 U	--	--	--	--	--	420 U	--	--	--
SB-505-0406	SB-505	4	6	20071127	--	--	380 U	380 U	--	--	--	--	--	380 U	--	--	--
SB-505-0810	SB-505	8	10	20071127	--	--	410 U	410 U	--	--	--	--	--	410 U	--	--	--
SB-506-0406	SB-506	4	6	20071128	--	--	380 U	380 U	--	--	--	--	--	380 U	--	--	--
SB-506-0810	SB-506	8	10	20071128	--	--	420 U	420 U	--	--	--	--	--	420 U	--	--	--
SB-507-0406	SB-507	4	6	20071128	--	--	410 U	410 U	--	--	--	--	--	410 U	--	--	--
SB-507-0810	SB-507	8	10	20071128	--	--	380 U	380 U	--	--	--	--	--	380 U	--	--	--
SB-508-0406	SB-508	4	6	20071128	--	--	390 U	390 U	--	--	--	--	--	390 U	--	--	--
SB-508-0406-D	SB-508	4	6	20071128	--	--	390 U	390 U	--	--	--	--	--	390 U	--	--	--
SB-508-0810	SB-508	8	10	20071128	--	--	400 U	400 U	--	--	--	--	--	400 U	--	--	--
SB-509-0406	SB-509	4	6	20071129	--	--	380 U	380 U	--	--	--	--	--	380 U	--	--	--
SB-509-0810	SB-509	8	10	20071129	--	--	380 U	380 U	--	--	--	--	--	380 U	--	--	--
SB-5-10	SB-005	10	10	20031120	--	--	450 U	450 U	--	--	--	--	--	450 U	--	--	--
SB-510-0406	SB-510	4	6	20071128	--	--	380 UL	380 UL	--	--	--	--	--	380 UL	--	--	--
SB-510-0810	SB-510	8	10	20071128	--	--	380 U	380 U	--	--	--	--	--	380 U	--	--	--
SB-510-0810-D	SB-510	8	10	20071128	--	--	390 U	390 U	--	--	--	--	--	390 U	--	--	--
SB-511-0406	SB-511	4	6	20071129	--	--	390 U	390 U	--	--	--	--	--	390 U	--	--	--
SB-511-0810	SB-511	8	10	20071129	--	--	410 U	410 U	--	--	--	--	--	410 U	--	--	--
SB-512-0406	SB-512	4	6	20071129	--	--	380 U	380 U	--	--	--	--	--	380 U	--	--	--
SB-512-0810	SB-512	8	10	20071129	--	--	410 U	410 U	--	--	--	--	--	410 U	--	--	--
SB-512-0810-D	SB-512	8	10	20071129	--	--	91 J	420 U	--	--	--	--	--	420 U	--	--	--
SB-513-0406	SB-513	4	6	20071129	--	--	390 U	390 U	--	--	--	--	--	390 U	--	--	--
SB-513-0810	SB-513	8	10	20071129	--	--	390 U	390 U	--	--	--	--	--	390 U	--	--	--
SB-514-0406	SB-514	4	6	20071129	--	--	400 U	400 U	--	--	--	--	--	400 U	--	--	--
SB-514-0810	SB-514	8	10	20071129	--	--	390 U	390 U	--	--	--	--	--	390 U	--	--	--
SB-514-0810-D	SB-514	8	10	20071129	--	--	390 U	390 U	--	--	--	--	--	390 U	--	--	--
SB-515-0406	SB-515	4	6	20071129	--	--	400 U	400 U	--	--	--	--	--	400 U	--	--	--
SB-515-0810	SB-515	8	10	20071129	--	--	410 U	410 U	--	--	--	--	--	410 U	--	--	--
SB-517-0406	SB-517	4	6	20071130	--	--	400 U	400 U	--	--	--	--	--	400 U	--	--	--
SB-517-0810	SB-517	8	10	20071130	--	--	400 U	400 U	--	--	--	--	--	400 U	--	--	--
SB-518-0406	SB-518	4	6	20071130	--	--	400 U	400 U	--	--	--	--	--	400 U	--	--	--
SB-518-0810	SB-518	8	10	20071130	--	--	430 U	430 U	--	--	--	--	--	430 U	--	--	--
SB-519-0406	SB-519	4	6	20071130	--	--	380 U	380 U	--	--	--	--	--	380 U	--	--	--
SB-519-0810	SB-519	8	10	20071130	--	--	380 U	380 U	--	--	--	--	--	380 U	--	--	--
SB-520-0406	SB-520	4	6	20071130	--	--	400 U	400 U	--	--	--	--	--	400 U	--	--	--
SB-520-0810	SB-520	8	10	20071130	--	--	400 U	400 U	--	--	--	--	--	400 U	--	--	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TCLP METALS (MG/L)							TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)					
					ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-04	SB-035	4	4	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-05	SB-036	5	5	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-05	SB-004	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-10	SB-004	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0406	SB-500	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0810	SB-500	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0406	SB-501	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0810	SB-501	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0406	SB-502	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0810	SB-502	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0406	SB-503	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0406	SB-504	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0810	SB-504	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-05	SB-005	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0406	SB-505	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0810	SB-505	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0406	SB-506	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0810	SB-506	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0406	SB-507	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0810	SB-507	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-D	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0810	SB-508	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0406	SB-509	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0810	SB-509	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-10	SB-005	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0406	SB-510	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-D	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0406	SB-511	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0810	SB-511	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0406	SB-512	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-D	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0406	SB-513	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0810	SB-513	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0406	SB-514	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-D	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0406	SB-515	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0810	SB-515	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0406	SB-517	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0810	SB-517	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0406	SB-518	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0810	SB-518	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0406	SB-519	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0810	SB-519	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0406	SB-520	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0810	SB-520	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-04	SB-035	4	4	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-05	SB-036	5	5	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-05	SB-004	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-10	SB-004	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0406	SB-500	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0810	SB-500	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0406	SB-501	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0810	SB-501	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0406	SB-502	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0810	SB-502	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0406	SB-503	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0406	SB-504	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0810	SB-504	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-05	SB-005	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0406	SB-505	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0810	SB-505	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0406	SB-506	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0810	SB-506	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0406	SB-507	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0810	SB-507	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-D	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0810	SB-508	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0406	SB-509	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0810	SB-509	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-10	SB-005	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0406	SB-510	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-D	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0406	SB-511	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0810	SB-511	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0406	SB-512	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-D	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0406	SB-513	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0810	SB-513	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0406	SB-514	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-D	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0406	SB-515	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0810	SB-515	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0406	SB-517	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0810	SB-517	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0406	SB-518	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0810	SB-518	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0406	SB-519	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0810	SB-519	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0406	SB-520	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0810	SB-520	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS-	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-04	SB-035	4	4	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-05	SB-036	5	5	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-05	SB-004	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-10	SB-004	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0406	SB-500	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0810	SB-500	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0406	SB-501	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0810	SB-501	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0406	SB-502	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0810	SB-502	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0406	SB-503	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0406	SB-504	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0810	SB-504	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-05	SB-005	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0406	SB-505	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0810	SB-505	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0406	SB-506	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0810	SB-506	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0406	SB-507	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0810	SB-507	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-D	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0810	SB-508	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0406	SB-509	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0810	SB-509	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-10	SB-005	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0406	SB-510	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-D	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0406	SB-511	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0810	SB-511	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0406	SB-512	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-D	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0406	SB-513	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0810	SB-513	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0406	SB-514	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-D	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0406	SB-515	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0810	SB-515	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0406	SB-517	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0810	SB-517	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0406	SB-518	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0810	SB-518	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0406	SB-519	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0810	SB-519	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0406	SB-520	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0810	SB-520	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-04	SB-035	4	4	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-05	SB-036	5	5	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-05	SB-004	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-10	SB-004	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0406	SB-500	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0810	SB-500	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0406	SB-501	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0810	SB-501	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0406	SB-502	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0810	SB-502	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0406	SB-503	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0406	SB-504	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0810	SB-504	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-05	SB-005	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0406	SB-505	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0810	SB-505	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0406	SB-506	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0810	SB-506	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0406	SB-507	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0810	SB-507	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-D	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0810	SB-508	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0406	SB-509	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0810	SB-509	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-10	SB-005	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0406	SB-510	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-D	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0406	SB-511	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0810	SB-511	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0406	SB-512	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-D	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0406	SB-513	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0810	SB-513	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0406	SB-514	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-D	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0406	SB-515	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0810	SB-515	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0406	SB-517	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0810	SB-517	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0406	SB-518	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0810	SB-518	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0406	SB-519	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0810	SB-519	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0406	SB-520	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0810	SB-520	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-04	SB-035	4	4	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-05	SB-036	5	5	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-05	SB-004	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-10	SB-004	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0406	SB-500	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0810	SB-500	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0406	SB-501	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0810	SB-501	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0406	SB-502	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0810	SB-502	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0406	SB-503	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0406	SB-504	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0810	SB-504	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-05	SB-005	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0406	SB-505	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0810	SB-505	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0406	SB-506	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0810	SB-506	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0406	SB-507	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0810	SB-507	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-D	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0810	SB-508	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0406	SB-509	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0810	SB-509	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-10	SB-005	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0406	SB-510	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-D	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0406	SB-511	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0810	SB-511	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0406	SB-512	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-D	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0406	SB-513	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0810	SB-513	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0406	SB-514	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-D	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0406	SB-515	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0810	SB-515	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0406	SB-517	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0810	SB-517	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0406	SB-518	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0810	SB-518	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0406	SB-519	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0810	SB-519	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0406	SB-520	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0810	SB-520	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			VOLATILES (UG/KG)											
					UNKNOWN [2.17]	UNKNOWN [3.57]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	530000	NA	NA	NA	NA	NA
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	7 U	7 U	7 U	--	7 U	7 U	7 U	7 U	7 U	7 U
SB-2-10	SB-002	10	10	20031120	--	--	--	7 U	7 U	7 U	--	7 U	7 U	7 U	7 U	7 U	7 U
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	7 U	7 U	7 U	--	7 U	7 U	7 U	7 U	7 U	7 U
SB-3-10	SB-003	10	10	20031120	--	--	--	7 U	7 U	7 U	--	7 U	7 U	7 U	7 U	7 U	7 U
SB-35-04	SB-035	4	4	20040922	--	--	6 U	6 U	6 U	6 U	--	6 U	6 U	6 U	6 U	6 U	6 U
SB-36-05	SB-036	5	5	20040917	--	--	6 U	6 U	6 U	6 U	--	6 U	6 U	6 U	6 U	6 U	6 U
SB-4-05	SB-004	5	5	20031120	--	--	--	7 U	7 U	7 U	--	7 U	7 U	7 U	7 U	7 U	7 U
SB-4-10	SB-004	10	10	20031120	--	--	--	7 U	7 U	7 U	--	7 U	7 U	7 U	7 U	7 U	7 U
SB-500-0406	SB-500	4	6	20071127	--	--	5.6 U	5.6 U	5.6 U	5.6 U	1.7 J	5.6 U	4.4 J	5.6 U	5.6 U	5.6 U	5.6 U
SB-500-0810	SB-500	8	10	20071127	--	--	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-501-0406	SB-501	4	6	20071127	--	--	280 U	280 U	280 U	2100	280 U	4800	280 U	280 U	280 U	280 U	17 J
SB-501-0810	SB-501	8	10	20071127	--	--	2900 U	2900 U	2900 U	14000	2900 U	69000	2900 U	610 J	2900 U	2900 U	640 J
SB-502-0406	SB-502	4	6	20071127	--	--	5.8 U	5.8 U	5.8 U	21	5.8 U	71	5.8 U	5.8 U	5.8 U	0.46 J	5.8 U
SB-502-0810	SB-502	8	10	20071127	--	--	290 U	290 U	290 U	710	290 U	3700	290 U	290 U	290 U	290 U	290 U
SB-503-0406	SB-503	4	6	20071127	--	--	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	0.92 B	6.1 U	6.1 U	6.1 U	6.1 U
SB-504-0406	SB-504	4	6	20071127	--	--	5.7 U	5.7 U	5.7 U	5.7 U	0.35 J	0.95 B	0.95 B	5.7 U	1.5 J	5.7 U	5.7 U
SB-504-0810	SB-504	8	10	20071127	--	--	5.8 U	5.8 U	5.8 U	5.8 U	0.35 J	0.63 B	1.2 B	5.8 U	5.8 U	5.8 U	5.8 U
SB-5-05	SB-005	5	5	20031120	--	--	--	6 U	6 U	6 U	--	6 U	6 U	6 U	6 U	6 U	6 U
SB-505-0406	SB-505	4	6	20071127	--	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-505-0810	SB-505	8	10	20071127	--	--	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	0.45 B	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U
SB-506-0406	SB-506	4	6	20071128	--	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-506-0810	SB-506	8	10	20071128	--	--	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	1 B	6.4 U	6.4 U	6.4 U	6.4 U
SB-507-0406	SB-507	4	6	20071128	--	--	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U
SB-507-0810	SB-507	8	10	20071128	--	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-508-0406	SB-508	4	6	20071128	--	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-508-0406-D	SB-508	4	6	20071128	--	--	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-508-0810	SB-508	8	10	20071128	--	--	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-509-0406	SB-509	4	6	20071129	--	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-509-0810	SB-509	8	10	20071129	--	--	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U
SB-5-10	SB-005	10	10	20031120	--	--	--	7 U	7 U	7 U	--	7 U	7 U	7 U	7 U	7 U	7 U
SB-510-0406	SB-510	4	6	20071128	--	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-510-0810	SB-510	8	10	20071128	--	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-510-0810-D	SB-510	8	10	20071128	--	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-511-0406	SB-511	4	6	20071129	--	--	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-511-0810	SB-511	8	10	20071129	--	--	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U
SB-512-0406	SB-512	4	6	20071129	--	--	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U
SB-512-0810	SB-512	8	10	20071129	--	--	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U
SB-512-0810-D	SB-512	8	10	20071129	--	--	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U
SB-513-0406	SB-513	4	6	20071129	--	--	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-513-0810	SB-513	8	10	20071129	--	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-514-0406	SB-514	4	6	20071129	--	--	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-514-0810	SB-514	8	10	20071129	--	--	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-514-0810-D	SB-514	8	10	20071129	--	--	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-515-0406	SB-515	4	6	20071129	--	--	6.1 U	0.69 J	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U
SB-515-0810	SB-515	8	10	20071129	--	--	6.2 U	0.69 J	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U
SB-517-0406	SB-517	4	6	20071130	--	--	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U
SB-517-0810	SB-517	8	10	20071130	--	--	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U
SB-518-0406	SB-518	4	6	20071130	--	--	6 U	6 U	6 U	6 U	6 U	6 U	1.1 B	6 U	6 U	6 U	6 U
SB-518-0810	SB-518	8	10	20071130	--	--	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U
SB-519-0406	SB-519	4	6	20071130	--	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-519-0810	SB-519	8	10	20071130	--	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-520-0406	SB-520	4	6	20071130	--	--	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U
SB-520-0810	SB-520	8	10	20071130	--	--	6 U	0.48 J	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	BENZENE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	DICHLORODIFLUORO METHANE	ETHYLBENZENE	HEXANE	ISOPROPYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-20-10	SB-020	10	10	20031120	--	--	--	1 U	--	--	--	--	--	--	1 U	--	--
SB-2-05	SB-002	5	5	20031120	67 U	7 U	17 J	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	--	7 U
SB-2-10	SB-002	10	10	20031120	66 U	7 U	11 J	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	--	7 U
SB-21-05	SB-021	5	5	20031120	--	--	--	1 U	--	--	--	--	--	--	1 U	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	6	--	--	--	--	--	--	1 U	--	--
SB-3-05	SB-003	5	5	20031120	65 U	7 U	12 J	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	--	7 U
SB-3-10	SB-003	10	10	20031120	66 U	7 U	66 UJ	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	--	7 U
SB-35-04	SB-035	4	4	20040922	57 U	6 U	57 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	--	6 U
SB-36-05	SB-036	5	5	20040917	59 U	6 U	59 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	--	6 U
SB-4-05	SB-004	5	5	20031120	69 U	7 U	35 J	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	--	7 U
SB-4-10	SB-004	10	10	20031120	68 U	7 U	15 J	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	--	7 U
SB-500-0406	SB-500	4	6	20071127	11 U	5.6 U	11 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	--	5.6 U
SB-500-0810	SB-500	8	10	20071127	12 U	6 U	12 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	--	6 U
SB-501-0406	SB-501	4	6	20071127	550 U	280 U	550 U	280 U	280 U	280 U	280 U	280 U	280 U	280 U	280 U	--	280 U
SB-501-0810	SB-501	8	10	20071127	5800 U	2900 U	5800 U	2900 U	2900 U	2900 U	2900 U	2900 U	2900 U	2900 U	2900 U	--	2900 U
SB-502-0406	SB-502	4	6	20071127	12 U	5.8 U	12 J	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U
SB-502-0810	SB-502	8	10	20071127	580 U	290 U	580 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	--	290 U
SB-503-0406	SB-503	4	6	20071127	12 U	6.1 U	12 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	--	6.1 U
SB-504-0406	SB-504	4	6	20071127	11 U	9	21 J	0.81 J	1.2 J	5.7 U	1.8 J	5.7 U	5.7 U	5.7 U	5.7 U	--	0.82 J
SB-504-0810	SB-504	8	10	20071127	4.3 J	1.6 J	74 J	0.78 J	2.4 J	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U
SB-5-05	SB-005	5	5	20031120	64 U	6 U	64 UJ	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	--	6 U
SB-505-0406	SB-505	4	6	20071127	12 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U
SB-505-0810	SB-505	8	10	20071127	13 U	6.3 U	13 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	--	6.3 U
SB-506-0406	SB-506	4	6	20071128	12 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U
SB-506-0810	SB-506	8	10	20071128	13 U	6.4 U	14 J	6.4 U	4.2 J	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	--	6.4 U
SB-507-0406	SB-507	4	6	20071128	2.6 J	6.2 U	56 J	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	--	6.2 U
SB-507-0810	SB-507	8	10	20071128	12 U	5.8 U	8 J	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U
SB-508-0406	SB-508	4	6	20071128	12 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U
SB-508-0406-D	SB-508	4	6	20071128	12 U	5.9 U	12 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	--	5.9 U
SB-508-0810	SB-508	8	10	20071128	4.6 J	6 U	13 J	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	--	6 U
SB-509-0406	SB-509	4	6	20071129	12 U	5.8 U	10 J	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U
SB-509-0810	SB-509	8	10	20071129	11 U	5.7 U	15 J	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	--	5.7 U
SB-5-10	SB-005	10	10	20031120	68 U	7 U	7 J	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	--	7 U
SB-510-0406	SB-510	4	6	20071128	12 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U
SB-510-0810	SB-510	8	10	20071128	12 U	5.8 U	8.9 J	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U
SB-510-0810-D	SB-510	8	10	20071128	12 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U
SB-511-0406	SB-511	4	6	20071129	12 U	5.9 U	12 J	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	--	5.9 U
SB-511-0810	SB-511	8	10	20071129	13 U	6.3 U	19 J	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	--	6.3 U
SB-512-0406	SB-512	4	6	20071129	11 U	5.7 U	11 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	--	5.7 U
SB-512-0810	SB-512	8	10	20071129	13 U	6.3 U	20 J	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	--	6.3 U
SB-512-0810-D	SB-512	8	10	20071129	13 U	6.3 U	12 J	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	--	6.3 U
SB-513-0406	SB-513	4	6	20071129	2.7 J	5.9 U	69 J	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	--	5.9 U
SB-513-0810	SB-513	8	10	20071129	12 U	5.8 U	26 J	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U
SB-514-0406	SB-514	4	6	20071129	9.3 J	6 U	130 J	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	--	6 U
SB-514-0810	SB-514	8	10	20071129	12 U	5.9 U	38 J	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	--	5.9 U
SB-514-0810-D	SB-514	8	10	20071129	12 U	5.9 U	49 J	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	--	5.9 U
SB-515-0406	SB-515	4	6	20071129	12 U	6.1 U	16 J	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	9.7	6.1 U	6.1 U	--	6.1 U
SB-515-0810	SB-515	8	10	20071129	12 U	6.2 U	12 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6 J	6.2 U	6.2 U	--	6.2 U
SB-517-0406	SB-517	4	6	20071130	12 U	6.1 U	12 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	--	6.1 U
SB-517-0810	SB-517	8	10	20071130	12 U	6.1 U	8.4 J	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	--	6.1 U
SB-518-0406	SB-518	4	6	20071130	12 U	6 U	24 J	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	--	6 U
SB-518-0810	SB-518	8	10	20071130	13 U	6.5 U	14 J	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	--	6.5 U
SB-519-0406	SB-519	4	6	20071130	12 U	5.8 U	9 J	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U
SB-519-0810	SB-519	8	10	20071130	12 U	5.8 U	14 J	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U
SB-520-0406	SB-520	4	6	20071130	12 U	6.1 U	9.9 J	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	--	6.1 U
SB-520-0810	SB-520	8	10	20071130	12 U	6 U	12 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	--	6 U
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-20-10	SB-020	10	10	20031120	--	--	--	1 U	--	--	--	--	--	--	--	--	1 U
SB-2-05	SB-002	5	5	20031120	20 U	--	7 U	7 U	7 U	7 U	20 U	7 U	7 U	7 U	--	7 U	7 U
SB-2-10	SB-002	10	10	20031120	20 U	--	7 U	7 U	7 U	7 U	20 U	7 U	7 U	7 U	--	7 U	7 U
SB-21-05	SB-021	5	5	20031120	--	--	--	1 U	--	--	--	--	--	--	--	--	1 U
SB-21-10	SB-021	10	10	20031120	--	--	--	1 U	--	--	--	--	--	--	--	--	1 U
SB-3-05	SB-003	5	5	20031120	20 U	--	9 J	7 U	7 U	7 U	20 U	7 U	7 U	7 U	--	7 U	7 U
SB-3-10	SB-003	10	10	20031120	20 U	--	11 J	7 U	7 U	7 U	20 U	7 U	7 U	7 U	--	7 U	7 U
SB-35-04	SB-035	4	4	20040922	11 U	--	7 J	6 U	6 U	6 U	6 U	6 U	6 U	6 U	--	6 U	6 U
SB-36-05	SB-036	5	5	20040917	12 U	--	8 J	6 U	6 U	6 U	6 U	6 U	6 U	6 U	--	6 U	6 U
SB-4-05	SB-004	5	5	20031120	21 U	--	11 J	7 U	7 U	7 U	21 U	7 U	7 U	7 U	--	7 U	7 U
SB-4-10	SB-004	10	10	20031120	20 U	--	11 J	7 U	7 U	7 U	20 U	7 U	7 U	7 U	--	7 U	7 U
SB-500-0406	SB-500	4	6	20071127	2.1 J	--	1.4 B	2.6 B	5.6 U	5.6 U	1.3 J	5.6 U	5.6 U	5.6 U	110 UR	5.6 U	0.49 J
SB-500-0810	SB-500	8	10	20071127	12 U	--	3 B	6 U	6 U	6 U	6 U	6 U	6 U	6 U	120 UR	6 U	6 U
SB-501-0406	SB-501	4	6	20071127	550 U	--	280 U	280 U	280 U	280 U	280 U	280 U	280 U	280 U	5500 UR	280 U	280 U
SB-501-0810	SB-501	8	10	20071127	5800 U	--	2900 U	2900 U	2900 U	2900 U	2900 U	2900 U	2900 U	2900 U	58000 UR	2900 U	2900 U
SB-502-0406	SB-502	4	6	20071127	12 U	--	2.7 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U	5.8 U
SB-502-0810	SB-502	8	10	20071127	580 U	--	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	5800 UR	290 U	290 U
SB-503-0406	SB-503	4	6	20071127	12 U	--	3.3 B	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	120 UR	6.1 U	6.1 U
SB-504-0406	SB-504	4	6	20071127	11 U	--	3.4 B	1.3 B	5.7 U	5.7 U	1.4 J	5.7 U	5.7 U	5.7 U	110 UR	5.7 U	0.59 J
SB-504-0810	SB-504	8	10	20071127	12 U	--	3.7 B	2.4 B	5.8 U	5.8 U	0.8 J	5.8 U	5.8 U	5.8 U	120 UR	5.8 U	0.47 J
SB-5-05	SB-005	5	5	20031120	19 U	--	10 J	6 U	6 U	6 U	19 U	6 U	6 U	6 U	--	6 U	6 U
SB-505-0406	SB-505	4	6	20071127	12 U	--	3.1 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U	5.8 U
SB-505-0810	SB-505	8	10	20071127	13 U	--	2.5 B	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	130 UR	6.3 U	6.3 U
SB-506-0406	SB-506	4	6	20071128	12 U	--	2.3 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U	5.8 U
SB-506-0810	SB-506	8	10	20071128	13 U	--	1.8 B	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	130 UR	6.4 U	6.4 U
SB-507-0406	SB-507	4	6	20071128	12 U	--	6.5 B	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	120 UR	6.2 U	6.2 U
SB-507-0810	SB-507	8	10	20071128	12 U	--	5.3 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U	5.8 U
SB-508-0406	SB-508	4	6	20071128	12 U	--	7.1 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U	5.8 U
SB-508-0406-D	SB-508	4	6	20071128	12 U	--	5.4 B	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	120 UR	5.9 U	5.9 U
SB-508-0810	SB-508	8	10	20071128	12 U	--	7.2 B	6 U	6 U	6 U	6 U	6 U	6 U	6 U	120 UR	6 U	6 U
SB-509-0406	SB-509	4	6	20071129	12 U	--	4.8 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U	5.8 U
SB-509-0810	SB-509	8	10	20071129	11 U	--	4.3 B	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	110 UR	5.7 U	5.7 U
SB-5-10	SB-005	10	10	20031120	20 U	--	10 J	7 U	7 U	7 U	20 U	7 U	7 U	7 U	--	7 U	7 U
SB-510-0406	SB-510	4	6	20071128	12 U	--	5.2 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U	5.8 U
SB-510-0810	SB-510	8	10	20071128	12 U	--	4.5 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U	5.8 U
SB-510-0810-D	SB-510	8	10	20071128	12 U	--	4.5 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U	5.8 U
SB-511-0406	SB-511	4	6	20071129	12 U	--	5.6 B	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	120 UR	5.9 U	5.9 U
SB-511-0810	SB-511	8	10	20071129	13 U	--	5.7 B	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	130 UR	6.3 U	6.3 U
SB-512-0406	SB-512	4	6	20071129	11 U	--	6.2 B	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	110 UR	5.7 U	5.7 U
SB-512-0810	SB-512	8	10	20071129	13 U	--	4.8 B	110 J	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	130 UR	6.3 U	6.3 U
SB-512-0810-D	SB-512	8	10	20071129	13 U	--	4.7 B	51 J	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	130 UR	6.3 U	6.3 U
SB-513-0406	SB-513	4	6	20071129	12 U	--	4.4 B	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	120 UR	5.9 U	5.9 U
SB-513-0810	SB-513	8	10	20071129	12 U	--	5.5 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U	5.8 U
SB-514-0406	SB-514	4	6	20071129	12 U	--	5.9 B	6 U	6 U	6 U	6 U	6 U	6 U	6 U	120 UR	6 U	6 U
SB-514-0810	SB-514	8	10	20071129	12 U	--	5.8 B	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	120 UR	5.9 U	5.9 U
SB-514-0810-D	SB-514	8	10	20071129	12 U	--	3.2 B	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	120 UR	5.9 U	5.9 U
SB-515-0406	SB-515	4	6	20071129	12 U	--	5.5 B	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	120 UR	6.1 U	6.1 U
SB-515-0810	SB-515	8	10	20071129	12 U	--	4.9 B	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	120 UR	6.2 U	6.2 U
SB-517-0406	SB-517	4	6	20071130	12 U	--	4.4 B	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	120 UR	6.1 U	6.1 U
SB-517-0810	SB-517	8	10	20071130	12 U	--	3.7 B	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	120 UR	6.1 U	6.1 U
SB-518-0406	SB-518	4	6	20071130	12 U	--	4.2 B	6 U	6 U	6 U	6 U	6 U	6 U	6 U	120 UR	6 U	6 U
SB-518-0810	SB-518	8	10	20071130	13 U	--	5.7 B	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	130 UR	6.5 U	6.5 U
SB-519-0406	SB-519	4	6	20071130	12 U	--	6.1 B	0.69 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U	5.8 U
SB-519-0810	SB-519	8	10	20071130	12 U	--	5.1 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U	5.8 U
SB-520-0406	SB-520	4	6	20071130	12 U	--	5.8 B	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	120 UR	6.1 U	6.1 U
SB-520-0810	SB-520	8	10	20071130	12 U	--	5.1 B	6 U	6 U	6 U	6 U	6 U	6 U	6 U	120 UR	6 U	6 U
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUORO-METHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	3900	NA	NA	
SB-20-10	SB-020	10	10	20031120	1 U	--	--	--	--	--	NORMAL
SB-2-05	SB-002	5	5	20031120	--	--	7 U	7 U	7 U	7 U	NORMAL
SB-2-10	SB-002	10	10	20031120	--	--	7 U	7 U	7 U	7 U	NORMAL
SB-21-05	SB-021	5	5	20031120	1 U	--	--	--	--	--	NORMAL
SB-21-10	SB-021	10	10	20031120	1 U	--	--	--	--	--	NORMAL
SB-3-05	SB-003	5	5	20031120	--	--	7 U	7 U	7 U	7 U	NORMAL
SB-3-10	SB-003	10	10	20031120	--	--	7 U	7 U	7 U	7 U	NORMAL
SB-35-04	SB-035	4	4	20040922	--	--	6 U	6 U	6 U	6 U	NORMAL
SB-36-05	SB-036	5	5	20040917	--	--	6 U	6 U	6 U	6 U	NORMAL
SB-4-05	SB-004	5	5	20031120	--	--	7 U	7 U	7 U	7 U	NORMAL
SB-4-10	SB-004	10	10	20031120	--	--	7 U	7 U	7 U	7 U	NORMAL
SB-500-0406	SB-500	4	6	20071127	3.4 J	--	5.6 U	5.6 U	5.6 U	5.6 U	NORMAL
SB-500-0810	SB-500	8	10	20071127	12 U	--	6 U	6 U	6 U	6 U	NORMAL
SB-501-0406	SB-501	4	6	20071127	550 U	--	280 U	280 U	280 U	280 U	NORMAL
SB-501-0810	SB-501	8	10	20071127	5800 U	--	2900 U	2900 U	2900 U	2900 U	NORMAL
SB-502-0406	SB-502	4	6	20071127	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	NORMAL
SB-502-0810	SB-502	8	10	20071127	580 U	--	290 U	290 U	290 U	290 U	NORMAL
SB-503-0406	SB-503	4	6	20071127	12 U	--	6.1 U	6.1 U	6.1 U	6.1 U	NORMAL
SB-504-0406	SB-504	4	6	20071127	2.2 J	--	5.7 U	5.7 U	5.7 U	0.64 J	NORMAL
SB-504-0810	SB-504	8	10	20071127	1.5 J	--	5.8 U	5.8 U	5.8 U	5.8 U	NORMAL
SB-5-05	SB-005	5	5	20031120	--	--	6 U	6 U	6 U	6 U	NORMAL
SB-505-0406	SB-505	4	6	20071127	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	NORMAL
SB-505-0810	SB-505	8	10	20071127	13 U	--	6.3 U	6.3 U	6.3 U	6.3 U	NORMAL
SB-506-0406	SB-506	4	6	20071128	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	NORMAL
SB-506-0810	SB-506	8	10	20071128	13 U	--	6.4 U	6.4 U	6.4 U	6.4 U	NORMAL
SB-507-0406	SB-507	4	6	20071128	12 U	--	6.2 U	6.2 U	6.2 U	6.2 U	NORMAL
SB-507-0810	SB-507	8	10	20071128	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	NORMAL
SB-508-0406	SB-508	4	6	20071128	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	NORMAL
SB-508-0406-D	SB-508	4	6	20071128	12 U	--	5.9 U	5.9 U	5.9 U	5.9 U	NORMAL
SB-508-0810	SB-508	8	10	20071128	12 U	--	6 U	6 U	6 U	6 U	NORMAL
SB-509-0406	SB-509	4	6	20071129	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	NORMAL
SB-509-0810	SB-509	8	10	20071129	11 U	--	5.7 U	5.7 U	5.7 U	5.7 U	NORMAL
SB-5-10	SB-005	10	10	20031120	--	--	7 U	7 U	7 U	7 U	NORMAL
SB-510-0406	SB-510	4	6	20071128	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	NORMAL
SB-510-0810	SB-510	8	10	20071128	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	NORMAL
SB-510-0810-D	SB-510	8	10	20071128	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	NORMAL
SB-511-0406	SB-511	4	6	20071129	12 U	--	5.9 U	5.9 U	5.9 U	5.9 U	NORMAL
SB-511-0810	SB-511	8	10	20071129	13 U	--	6.3 U	6.3 U	6.3 U	6.3 U	NORMAL
SB-512-0406	SB-512	4	6	20071129	11 U	--	5.7 U	5.7 U	5.7 U	5.7 U	NORMAL
SB-512-0810	SB-512	8	10	20071129	13 U	--	6.3 U	6.3 U	6.3 U	6.3 U	NORMAL
SB-512-0810-D	SB-512	8	10	20071129	13 U	--	6.3 U	6.3 U	6.3 U	6.3 U	NORMAL
SB-513-0406	SB-513	4	6	20071129	12 U	--	5.9 U	5.9 U	5.9 U	5.9 U	NORMAL
SB-513-0810	SB-513	8	10	20071129	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	NORMAL
SB-514-0406	SB-514	4	6	20071129	12 U	--	6 U	6 U	6 U	6 U	NORMAL
SB-514-0810	SB-514	8	10	20071129	12 U	--	5.9 U	5.9 U	5.9 U	5.9 U	NORMAL
SB-514-0810-D	SB-514	8	10	20071129	12 U	--	5.9 U	5.9 U	5.9 U	5.9 U	NORMAL
SB-515-0406	SB-515	4	6	20071129	12 U	--	6.1 U	6.1 U	6.1 U	3.5 J	NORMAL
SB-515-0810	SB-515	8	10	20071129	12 U	--	6.2 U	6.2 U	6.2 U	0.48 J	NORMAL
SB-517-0406	SB-517	4	6	20071130	12 U	--	6.1 U	6.1 U	6.1 U	6.1 U	NORMAL
SB-517-0810	SB-517	8	10	20071130	12 U	--	6.1 U	6.1 U	6.1 U	6.1 U	NORMAL
SB-518-0406	SB-518	4	6	20071130	12 U	--	6 U	6 U	6 U	6 U	NORMAL
SB-518-0810	SB-518	8	10	20071130	13 U	--	6.5 U	6.5 U	6.5 U	6.5 U	NORMAL
SB-519-0406	SB-519	4	6	20071130	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	NORMAL
SB-519-0810	SB-519	8	10	20071130	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	NORMAL
SB-520-0406	SB-520	4	6	20071130	12 U	--	6.1 U	6.1 U	6.1 U	6.1 U	NORMAL
SB-520-0810	SB-520	8	10	20071130	12 U	--	6 U	6 U	29	6 U	NORMAL
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	NORMAL
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	NORMAL
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	NORMAL
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	NORMAL
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	NORMAL
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	NORMAL

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A) ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A) ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	METALS (MG/KG)												
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	3.2 UL	0.77 L	--	3.2 U	3.2 U	9.5 B	--	5.4	--	4.8	--	0.12 U	--
SB-6-10	SB-006	10	10	20031120	3.3 UL	2 L	--	3.3 U	3.3 U	22 J	--	14	--	7.1	--	0.13 U	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PARAMETERS (%)
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	87
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	85
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	86
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	88
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	84
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	81
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	86
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	85
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	91
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	92
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	87
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	82
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	83
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	85
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	86
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	91
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	86
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	86
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	87
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	86
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	81
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	94
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	88
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	87
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	89
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	89
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	91
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	88
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	87
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	88
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	89
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	86
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	87
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	84
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	86
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	86
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	86
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	90
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	88
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	82
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	83
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	89
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	88
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	87
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	88
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	88
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	85
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	87
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	90
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	88
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	83
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	87
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	92
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	86
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	88
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	94
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	88
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	90
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	90
SB-6-05	SB-006	5	5	20031120	4.8	3.6	3.2 UR	2.6 U	--	--	--	--	--	--	--	32 U	77
SB-6-10	SB-006	10	10	20031120	21	3.3 U	3.3 UR	2.7 U	--	--	--	--	--	--	--	33 U	75
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	77

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)		MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)						PCBS (UG/KG)		
					FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254
					MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	F	MG/KG	MG/KG	S.U.	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	19 U	19 U	19 U
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	19 U	19 U	19 U
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	20 U	20 U	20 U
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	20 U	20 U	20 U
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	910 U	910 U	9800
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	18 U	18 U	18 U
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	19 U	19 U	19 U
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	20 U	20 U	20 U
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	18 U	18 U	27
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	19 U	19 U	19 U
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	18 U	18 U	18 U
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	19 U	19 U	19 U
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	19 U	19 U	19 U
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	19 U	19 U	19 U
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	18 U	18 U	18 U
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	19 U	19 U	19 U
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	19 U	19 U	19 U
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	19 U	19 U	19 U
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	20 U	20 U	20 U
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	19 U	19 U	19 U
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	19 U	19 U	19 U
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	95 U	95 U	95 U
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	20 U	20 U	20 U
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	20 U	20 U	20 U
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	19 U	19 U	19 U
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	19 U	19 U	19 U
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	19 U	19 U	19 U
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	20 U	20 U	20 U
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	19 U	19 U	19 U
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	19 U	19 U	19 U
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	380 U	380 U	380 U
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	20 U	20 U	20 U
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	19 U	19 U	19 U
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	36 U	36 U	36 U
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	18 U	18 U	18 U
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	19 U	19 U	19 U
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	19 U	19 U	19 U
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	18 U	18 U	18 U
SB-6-05	SB-006	5	5	20031120	--	--	--	--	--	--	--	--	--	--	65 U	65 U	65 U
SB-6-10	SB-006	10	10	20031120	--	--	--	--	--	--	--	--	--	--	66 U	66 U	66 U
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE				PESTICIDES (UG/KG)			PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS	
					AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDE	ENDOSULFAN SULFATE	ENDRIN ALDEHYDE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	19 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	19 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	20 U	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	20 U	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	7800	17600	19875	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	18 U	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	250	250	307	--	--	--	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	20 U	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	18 U	27	81	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	140	140	197	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	18 U	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	19 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	19 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	19 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	18 U	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	180	180	237	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	19 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	19 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	20 U	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	19 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	19 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	700	700	985	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	20 U	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	20 U	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	19 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	89 J	89	146	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	43 J	43	100	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	20 U	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	19 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	19 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	4000	4000	5140	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	33	33	93	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	300	300	357	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	390	390	498	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	34	34	88	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	19 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	19 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	18 U	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	65 U	0 U	227.5	--	--	--	--	26000 U	130 U	--	--	--	430 U
SB-6-10	SB-006	10	10	20031120	66 U	0 U	231	--	--	--	--	27000 U	130 U	--	--	--	440 U
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	26000 U	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	(UG/KG) ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	10000	10000	10000	NA	NA	NA	NA	NA	NA	NA
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	430 U	430 U	430 U	430 U	430 U	182.305	430 U	430 U	430 U	430 U	430 U	430 U	430 U
SB-6-10	SB-006	10	10	20031120	440 U	440 U	440 U	440 U	440 U	355.4	440 U	440 U	440 U	440 U	440 U	440 U	440 U
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)				
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	430 U	430 U	430 U	430 U	430 U	430 U	0 U	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	440 U	440 U	440 U	440 U	440 U	440 U	0 U	--	--	--	--	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE		RADIONUCLIDES (PCI/G)												
					URANIUM-238	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIOCHEMISTRY BY ALPHA	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									SEMIVOLATILES (UG/KG)				
					THORIUM-232	THORIUM-234	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	2-METHYLNAPHTHALENE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	--	--	--	--	--	--	430 U	--	430 U	--	--
SB-6-10	SB-006	10	10	20031120	--	--	--	--	--	--	--	--	440 U	--	440 U	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	--	--	--	--	--	--	--	430 U	430 U	430 U	430 U
SB-6-10	SB-006	10	10	20031120	--	--	--	--	--	--	--	--	--	440 U	440 U	440 U	440 U
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE	DIBENZOFURAN	DI-N-BUTYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	430 U	430 U	--	--	--	--	--	430 U	--	--	--
SB-6-10	SB-006	10	10	20031120	--	--	440 U	440 U	--	--	--	--	--	440 U	--	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TCLP METALS (MG/L)							TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)					
					ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS-	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			VOLATILES (UG/KG)											
					UNKNOWN [2.17]	UNKNOWN [3.57]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	530000	NA	NA	NA	NA	NA
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	--	7 U	7 U	7 U	--	7 U	7 U	7 U	7 U	7 U	7 U
SB-6-10	SB-006	10	10	20031120	--	--	--	7 U	7 U	7 U	--	7 U	7 U	7 U	7 U	7 U	7 U
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	BENZENE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	DICHLORODIFLUORO METHANE	ETHYLBENZENE	HEXANE	ISOPROPYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	65 U	7 U	7 J	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	--	7 U
SB-6-10	SB-006	10	10	20031120	66 U	7 U	66 UJ	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	--	7 U
SB-9-05	SB-009	5	5	20031118	--	--	--	1 U	--	--	--	--	--	--	1 U	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	19 U	--	9 J	7 U	7 U	7 U	19 U	7 U	7 U	7 U	--	7 U	7 U
SB-6-10	SB-006	10	10	20031120	20 U	--	10 J	7 U	7 U	7 U	20 U	7 U	7 U	7 U	--	7 U	7 U
SB-9-05	SB-009	5	5	20031118	--	--	--	1 U	--	--	--	--	--	--	--	--	2

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUORO-METHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	3900	NA	NA	
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	NORMAL
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	NORMAL
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	NORMAL
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	NORMAL
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	NORMAL
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	NORMAL
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	NORMAL
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	NORMAL
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	NORMAL
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	NORMAL
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	NORMAL
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	NORMAL
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	NORMAL
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	NORMAL
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	NORMAL
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	NORMAL
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	NORMAL
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	NORMAL
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	NORMAL
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	NORMAL
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	NORMAL
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	NORMAL
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	NORMAL
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	NORMAL
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	NORMAL
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	NORMAL
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	NORMAL
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	NORMAL
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	NORMAL
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	NORMAL
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	NORMAL
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	NORMAL
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	NORMAL
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	NORMAL
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	NORMAL
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	NORMAL
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	NORMAL
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	NORMAL
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	NORMAL
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	NORMAL
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	NORMAL
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	NORMAL
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	NORMAL
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	NORMAL
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	NORMAL
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	NORMAL
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	NORMAL
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	NORMAL
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	NORMAL
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	NORMAL
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	NORMAL
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	NORMAL
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	NORMAL
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	NORMAL
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	NORMAL
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	NORMAL
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	NORMAL
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	NORMAL
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	NORMAL
SB-6-05	SB-006	5	5	20031120	--	--	7 U	7 U	7 U	7 U	NORMAL
SB-6-10	SB-006	10	10	20031120	--	--	7 U	7 U	7 U	7 U	NORMAL
SB-9-05	SB-009	5	5	20031118	10	--	--	--	--	--	NORMAL

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A) ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A) ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	METALS (MG/KG)												
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PARAMETERS (%)
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	PERCENT SOLIDS
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MISCELLANEOUS PARAMETERS (%)
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	%
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)		MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)						PCBS (UG/KG)		
					FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254
					MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
				Units	F	MG/KG	MG/KG	S.U.	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	16 U	21 U	21 U
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	--	--	13 U	9.7 U	17 U
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	--	--	13 U	9.4 U	17 U
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE				PESTICIDES (UG/KG)			PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS	
					AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDE	ENDOSULFAN SULFATE	ENDRIN ALDEHYDE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	21 U	0 U	71	--	--	--	--	--	--	--	--	4.1 U	4.1 U
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	3.6 UJ	3.6 UJ
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	3.6 UJ	3.6 UJ
SUSP2-030816	SUSP2	2.5	2.5	20160308	70	70	132.85	--	--	--	19 J	--	--	56 U	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	11 U	0 U	67.2	--	--	--	22	--	--	54 U	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	(UG/KG) ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	10000	10000	10000	NA	NA	NA	NA	NA	NA	NA
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	1.4 U	4.1 U
S-SB-964-2-3	E-SB-964	2	3	20120627	3.6 UJ	3.6 UJ	9 J	61.836	60.036	--	47 J	46 J	63 J	43 J	28 J	56 J	3.6 UJ
S-SB-964-3-4	E-SB-964	3	4	20120627	3.6 UJ	3.6 UJ	3.6 UJ	26.331	24.531	--	19 J	19 J	22 J	16 J	11 J	21 J	3.6 UJ
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)				
					FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235
					POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	POLYCYCLIC AROMATIC	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA	RADIOCHEMISTRY BY ALPHA
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	80 J	3.6 UJ	27 J	3.6 UJ	35 J	80 J	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	28 J	3.6 UJ	13 J	3.6 UJ	12 J	33 J	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE		RADIONUCLIDES (PCI/G)												
					URANIUM-238	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIOCHEMISTRY BY ALPHA	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	0.98	0.829

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE									SEMIVOLATILES (UG/KG)				
					THORIUM-232	THORIUM-234	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	2-METHYLNAPHTHALENE	3&4-METHYLPHENOL	ACENAPHTHENE	ACENAPHTHYLENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	4.3 U	0.61 U	24 U	37	0.43 U
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	4.1 U	0.59 U	24 U	6.5 J	0.41 U
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	0.77	--	--	--	0.0353 U	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	92	366.555	366.15	15 U	350	270	420	200	180	39 U	12 U	45 U	69
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	12	48.2795	47.851	14 U	50	40	0.69 U	28	0.8 U	45 U	12 U	44 U	32 U
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)-ANTHRACENE	DIBENZOFURAN	DI-N-BUTYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	350	0.81 U	15 J	18 U	880	34	170	5.4 J	510	8.9 U	660	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	51	0.78 U	5.8 J	18 U	120	6.8 J	28	5.2 J	60	8.6 U	87	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TCLP METALS (MG/L)							TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)					
					ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE
					TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	0.0029 U	0.28 U	0.0027 J	0.0034 U	0.0086 J	0.00009 U	0.005 J	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	0.0068 J	0.16 U	0.00061 J	0.0025 U	0.0053 J	0.00009 U	0.0051 J	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS-	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE			VOLATILES (UG/KG)										
					UNKNOWN [2.17]	UNKNOWN [3.57]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE
					TENTATIVELY IDENTIFIED	TENTATIVELY IDENTIFIED	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	530000	NA	NA	NA	NA	NA
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	0.47 U	0.38 U	0.9 U	0.56 U	0.52 U	0.43 U	0.65 U	0.38 U	0.52 U	0.78 U	0.32 U
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	0.47 U	0.38 U	0.9 U	0.56 U	0.52 U	0.43 U	0.65 U	0.38 U	0.52 U	0.78 U	0.31 U
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	BENZENE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	DICHLORODIFLUOROMETHANE	ETHYLBENZENE	HEXANE	ISOPROPYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	1.3 U	0.46 U	6.4 U	1 U	0.66 UJ	0.73 U	0.6 U	0.41 U	0.32 U	0.32 U	0.36 U	--	0.23 U
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	1.4 J	0.46 U	6.7 J	1 U	0.66 UJ	0.73 U	0.6 U	0.4 U	1.4 J	0.31 U	0.36 U	--	0.22 U
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	M+P-XYLENES	METHYL ACETATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	0.47 U	--	0.83 U	0.39 U	0.66 U	0.68 U	0.64 U	1 U	0.45 U	0.75 U	6.4 U	0.9 U	0.3 U
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	0.47 U	--	1.1 U	0.39 U	0.66 U	0.67 U	0.64 U	1 U	0.45 U	0.75 U	6.4 U	0.9 U	0.3 U
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-3
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (2-10 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH (FT BGS)	BOTTOM DEPTH (FT BGS)	SAMPLE DATE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUORO-METHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	3900	NA	NA	
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	NORMAL
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	NORMAL
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	NORMAL
SUSP2-030816	SUSP2	2.5	2.5	20160308	0.61 U	0 U	0.36 U	0.43 U	0.33 U	0.34 U	NORMAL
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	0.61 U	0 U	1 J	0.43 U	0.33 U	0.34 U	NORMAL
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	NORMAL

Notes:
FT BGS - feet below ground surface
mg/kg - milligrams per kilogram
ug/kg - micrograms per kilogram
PRG for IND - Preliminary Remediation Goal for Industrial Cleanup
PCB - polychlorinated biphenyl
PAH - polycyclic aromatic hydrocarbon
U - analyte was not detected above laboratory detection limi
J - estimated concentration
NA - sample not analyzed, or cleanup goal not available, for given parameter
BAP - benzo(a)pyrene
TCLP - Toxicity Characteristics Leaching Procedure
HALFND - value calculated using half the non-detect result
POS - value calculated using only the positive detections
UCL - upper confidence limit

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-CB-11A-10-12	E-CB-11A	10	12	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-13-16	E-SB-114A	13	16	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG) ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-CB-11A-10-12	E-CB-11A	10	12	20120720	2 UL	1.5 UL	15 J	13	0.18 U	19	13	13	--	6.4	--	0.02 U	1.4 U	40
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	1.9 UL	4.3 J	25 J	5.3	0.17 U	44	25	14	--	16	--	0.016 U	1.3 U	60
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	0.36 UL	0.62 J	14 J	2.1	0.033 U	14	17	14	--	3.8	--	0.02 U	0.25 U	26
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	0.46 UL	1.4 J	15 J	1.4	0.043 U	20	5.8	9.2	--	5	--	0.02 U	0.32 U	15
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	0.43 UL	4.4	13 J	2.7	0.043 J	19	14	12	--	6.1	--	0.019 U	0.29 U	39
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	0.41 L	7.7	21	7.4	0.14 J	28 J	33 K	17 K	--	14 J	--	0.016 UL	0.45 J	91 K
E-SB-114A-13-16	E-SB-114A	13	16	20130708	0.044 J	1.7	8.9	3.1	0.095 J	5 J	11	9.8	--	6.4 J	--	0.017 UL	0.16 J	17
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	1.4 J	10 J	--	0.12 J	7.3 J	--	--	--	12 J	--	0.038 J	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	2.3	34 J	--	0.34 J	13 J	--	--	--	39 J	--	0.13 J	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	2.1	19 J	--	0.14 J	12 J	--	--	--	8.5 J	--	0.052 J	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PERCENT SOLIDS	MISCELLANEOUS PH	PCBS (UG/KG) AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	PCBS (UG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-CB-11A-10-12	E-CB-11A	10	12	20120720	2.3 U	0.51 U	0.56 U	--	--	--	--	--	--	26	66	--	--	19 U
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-CB-11A-18-20	E-CB-11A	18	20	20120720	2.2 U	0.48 U	0.53 U	--	--	--	--	--	--	77	59	--	--	20 U
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-CB-11B-16-18	E-CB-11B	16	18	20120719	0.41 U	0.092 U	0.51 U	--	--	--	--	--	--	17	52	--	--	20 U
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-CB-13-10-12	E-CB-13	10	12	20120720	0.53 U	0.12 U	0.65 U	--	--	--	--	--	--	31	23 J	--	--	21 U
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-CB-2-12-14	E-CB-2	12	14	20120719	0.49 U	0.15 J	0.6 U	--	--	--	--	--	--	29	44	--	--	20 U
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	22 U
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	13	0.026 B	0.14 J	--	--	--	--	--	--	56 K	110 K	--	--	20 U
E-SB-114A-13-16	E-SB-114A	13	16	20130708	4.9	0.018 B	0.066 J	--	--	--	--	--	--	9.6	330	--	--	20 U
E-SB-1412-13-14	E-SB-1412	13	14	20160308	0.36 U	0.067 U	--	--	--	--	--	--	--	--	--	--	--	9.5 U
E-SB-1415-16-17	E-SB-1415	16	17	20160308	0.32 U	0.06 U	--	--	--	--	--	--	--	--	--	--	--	18 U
E-SB-1418-19-20	E-SB-1418	19	20	20160308	0.37 U	0.068 U	--	--	--	--	--	--	--	--	--	--	--	9.1 U
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	9.7 U
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	9.6 U

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE					PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)					
					AROCLOR-1254	AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL
				Units	PCBS (UG/KG) UG/KG	PCBS (UG/KG) UG/KG	PCBS (UG/KG) UG/KG	PCBS (UG/KG) UG/KG	PETROLEUM UG/KG	PETROLEUM UG/KG	PETROLEUM UG/KG	PETROLEUM UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG	POLYCYCLIC UG/KG
				Risk Based PRG for IND Cleanup	7000	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	10000	10000	10000
E-CB-11A-10-12	E-CB-11A	10	12	20120720	19 U	70	70	125.5	--	--	52 U	11000 J	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--
E-CB-11A-12-14	E-CB-11A	12	14	20120720	20 U	20 U	0 U	67	--	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	20 U	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	20 U	20 U	0 U	68.5	--	--	56 U	11000 UJ	4 U	4 U	4 U	4 U	4 U	--
E-CB-11B-12-14	E-CB-11B	12	14	20120719	20 U	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	20 U	20 U	0 U	67.5	--	--	54 U	17000 B	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--
E-CB-11B-18-20	E-CB-11B	18	20	20120719	20 U	20 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	21 U	21 U	0 U	71	--	--	56 UJ	11000 UJ	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--
E-CB-13-14-16	E-CB-13	14	16	20120720	21 U	21 U	0 U	70	--	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	19 U	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	21 U	21 U	0 U	71	--	--	--	--	--	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	20 U	20 U	0 U	67	--	--	180	13000 B	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--
E-CB-2-16-18	E-CB-2	16	18	20120719	20 U	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	20 U	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	20 U	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	19 U	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	20 U	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	22 U	22 U	0 U	74	--	--	--	--	--	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	20 U	20 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	20 U	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	20 U	20 U	0 U	67	--	--	--	--	--	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	20 U	20 U	0 U	67	--	--	--	--	--	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	20 U	20 U	0 U	68.5	--	--	59 B	--	--	--	--	--	--	--
E-SB-114A-13-16	E-SB-114A	13	16	20130708	20 U	20 U	0 U	68	--	--	92 B	--	--	--	--	--	--	--
E-SB-1412-13-14	E-SB-1412	13	14	20160308	17 U	140	140	201.75	--	--	--	--	0.91 U	0.42 U	4.2 J	34.19	33.795	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	32 U	220	220	339.5	--	--	--	--	10	6.2 J	32	199.305	198.93	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	16 U	28 J	28	87.05	--	--	--	--	38	0.4 U	81	277.91	277.53	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	17 U	11 U	0 U	67.85	--	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	17 U	11 U	0 U	67.8	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-CB-11A-10-12	E-CB-11A	10	12	20120720	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	8.3	3.7 U	3.7 U	3.7 U	3.7 U	9.3	--	--
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U	4 U	4 U	4 U	4 U	4 U	--	--
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	1.4 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	--
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-13-16	E-SB-114A	13	16	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1412-13-14	E-SB-1412	13	14	20160308	21	26	36	23	17	25	39	0.63 U	19	0.98 U	18	31	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	140	150	240	110	97	160	290	7.7	98	7.5 J	160	220	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	230	210	330	110	130	230	500	30	100	5.8 J	360	370	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)						RADIONUCLIDES (PCI/G)							
					THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-228	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228
					RADIOCHEMISTRY	RADIOCHEMISTRY	RADIOCHEMISTRY	RADIOCHEMISTRY	RADIOCHEMISTRY	RADIOCHEMISTRY	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-CB-11A-10-12	E-CB-11A	10	12	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-13-16	E-SB-114A	13	16	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE										SEMIVOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)			
					THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	BIS(2-ETHYLHEXYL)PHTHALATE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-CB-11A-10-12	E-CB-11A	10	12	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	--	--	--	--	--	--	--	--	--	--	2100 NJ	--	--	--
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	--	--	--	--	--	--	--	--	--	23 U	--	--	--	--
E-SB-114A-13-16	E-SB-114A	13	16	20130708	--	--	--	--	--	--	--	--	--	26 J	--	--	--	--
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE										VOLATILES (UG/KG)				
					BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	DIETHYL ETHER	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2-DICHLOROBENZENE
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	530000	NA
E-CB-11A-10-12	E-CB-11A	10	12	20120720	--	--	--	--	--	--	--	--	--	1.3 U	0.37 U	0.17 U	0.27 U	0.35 U
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	--	--	--	--	--	--	--	--	--	1.1 U	0.33 U	0.15 U	0.24 U	0.31 U
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	--	--	--	--	--	--	--	--	--	1.1 U	0.34 U	0.15 U	0.24 U	0.32 U
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	--	--	--	--	--	--	--	--	--	1.1 U	0.5 B	0.14 U	2.1 J	0.3 U
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--	--	1.9 U	13	0.25 U	51	2.1 J
E-CB-2-12-14	E-CB-2	12	14	20120719	--	--	--	--	--	--	--	--	--	41 U	11 J	0.18 U	37 J	9 U
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--	1.2 U	0.34 U	0.15 U	0.24 U	0.32 U
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--	--	1.1 U	0.31 U	0.14 U	0.22 U	0.3 U
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--	1 U	0.31 U	0.14 U	0.22 U	0.29 U
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--	1.2 U	0.34 U	0.15 U	0.24 U	0.32 U
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--	--	1.1 U	0.31 U	0.14 U	0.22 U	0.3 U
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	1.2 U	0.34 U	0.15 U	0.24 U	0.32 U
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--	1.1 U	0.33 U	0.15 U	0.23 U	0.31 U
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	34 U	8.8 U	0.15 U	6.4 U	7.6 U
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--	--	1.1 U	0.34 U	0.15 U	0.24 U	0.32 U
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	35 U	8.9 U	0.15 U	6.5 U	7.7 U
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--	31 U	7.8 U	0.13 U	5.7 U	6.7 U
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--	1.1 U	0.31 U	0.14 U	0.22 U	0.29 U
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--	--	200 U	51 U	0.86 U	37 U	44 U
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--	1.1 U	0.31 U	0.14 U	0.22 U	0.29 U
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--	--	1.1 U	0.33 U	0.15 U	0.24 U	0.31 U
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--	--	130 U	33 U	0.56 U	24 U	28 U
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--	--	33 U	8.4 U	0.14 U	6.1 U	7.2 U
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--	1.1 U	0.31 U	0.14 U	0.22 U	0.3 U
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--	--	73 U	19 U	0.32 U	14 U	16 U
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--	35 U	9 U	0.15 U	6.6 U	7.7 U
E-SB-113A-12-14	E-SB-113A	12	14	20130708	--	--	--	--	--	--	--	--	--	1.1 U	0.32 U	0.14 U	0.33 J	0.3 U
E-SB-114A-13-16	E-SB-114A	13	16	20130708	--	--	--	--	--	--	--	--	--	38 U	68 J	0.17 U	330	8.4 U
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	ACETONE	BENZENE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	METHYLENE CHLORIDE	NAPHTHALENE	SEC-BUTYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-CB-11A-10-12	E-CB-11A	10	12	20120720	0.33 U	0.68 U	0.34 U	0.65 U	1.4 U	10 J	0.23 U	3.3 B	0.32 U	0.29 U	0.35 U	0.66 U	0.19 U	0.18 U
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	0.3 U	0.6 U	0.3 U	0.57 U	1.2 U	13 J	0.2 U	0.38 U	0.29 U	0.25 U	0.31 U	0.58 U	0.17 U	0.16 U
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	0.3 U	0.61 U	0.31 U	0.58 U	2.8 J	48	0.2 U	0.39 U	0.29 U	0.26 U	0.32 U	0.59 U	0.17 U	0.16 U
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	0.28 U	0.57 U	0.29 U	0.55 U	1.2 U	11 J	0.19 U	0.36 U	0.27 U	0.24 U	0.3 U	0.55 U	0.16 U	0.15 U
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	210	1.5 J	0.52 U	3.4 J	2.1 U	9.4 U	0.34 U	0.66 U	130	0.43 U	0.54 U	1 U	0.28 U	0.27 U
E-CB-2-12-14	E-CB-2	12	14	20120719	300	8.6 U	5 U	8.4 U	45 U	180 U	13 U	13 U	270	9.2 U	7.2 U	300	7 U	4.9 U
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	0.3 U	0.62 U	0.31 U	0.59 U	1.2 U	5.6 U	0.21 U	0.39 U	0.29 U	0.26 U	9.3	0.6 U	0.17 U	0.16 U
E-SB-1024-12	E-SB-1024	12	12	20131003	0.28 U	0.57 U	0.29 U	0.54 U	1.2 U	5.2 U	0.19 U	0.36 U	0.27 U	0.24 U	0.3 U	0.55 U	0.16 U	0.15 U
E-SB-1025-12	E-SB-1025	12	12	20131003	0.27 U	0.55 U	0.28 U	0.53 U	1.1 U	5.1 U	0.18 U	0.35 U	0.27 U	0.23 U	0.29 U	0.54 U	0.15 U	0.14 U
E-SB-1026-12	E-SB-1026	12	12	20131002	0.31 U	0.62 U	0.31 U	0.59 U	1.3 U	5.7 U	0.21 U	0.4 U	0.3 U	0.26 U	0.32 U	0.6 U	0.17 U	0.16 U
E-SB-1027-12	E-SB-1027	12	12	20131002	0.28 U	0.57 U	0.29 U	0.54 U	1.2 U	28	0.19 U	0.36 U	0.27 U	0.24 U	2.5 J	0.82 B	0.16 U	0.15 U
E-SB-1028-10	E-SB-1028	10	10	20131002	0.3 U	0.62 U	0.31 U	0.59 U	1.2 U	5.6 U	0.21 U	0.39 U	0.29 U	0.26 U	0.32 U	0.6 U	0.17 U	0.16 U
E-SB-1028-12	E-SB-1028	12	12	20131002	0.29 U	0.59 U	0.3 U	0.57 U	1.2 U	5.4 U	0.2 U	0.38 U	0.28 U	0.25 U	0.31 U	0.79 J	0.16 U	0.15 U
E-SB-1029-10	E-SB-1029	10	10	20131002	8.8 U	7.2 U	4.2 U	7 U	38 U	620 B	11 U	11 U	5.6 U	7.7 U	190 J	85 J	5.9 U	4.1 U
E-SB-1029-12	E-SB-1029	12	12	20131002	0.3 U	0.61 U	0.31 U	0.58 U	1.2 U	5.6 U	0.2 U	0.39 U	0.29 U	0.26 U	0.32 U	0.59 U	0.17 U	0.16 U
E-SB-1030-10	E-SB-1030	10	10	20131002	8.9 U	7.3 U	4.3 U	7.1 U	38 U	200 B	11 U	11 U	5.7 U	7.8 U	6.2 U	110 J	6 U	4.2 U
E-SB-1030-12	E-SB-1030	12	12	20131002	7.8 U	6.4 U	3.8 U	6.3 U	34 U	200 B	9.4 U	9.4 U	5 U	6.9 U	5.4 U	60 U	5.3 U	3.7 U
E-SB-1031-12	E-SB-1031	12	12	20131002	0.28 U	0.56 U	0.29 U	0.54 U	1.1 U	5.1 U	0.19 U	0.36 U	0.27 U	0.24 U	0.29 U	0.55 U	0.15 U	0.15 U
E-SB-1032-12	E-SB-1032	12	12	20131002	51 U	42 U	24 U	40 U	220 U	2200 J	61 U	61 U	32 U	45 U	35 U	620 B	34 U	24 U
E-SB-1033-12	E-SB-1033	12	12	20131002	0.28 U	0.56 U	0.28 U	0.54 U	1.1 U	5.1 U	0.19 U	0.36 U	0.27 U	0.24 U	4.3	0.55 U	0.15 U	0.15 U
E-SB-1034-12	E-SB-1034	12	12	20131001	0.3 U	0.6 U	0.31 U	0.58 U	1.2 U	5.5 U	0.2 U	1.1 J	0.29 U	0.25 U	0.31 U	0.59 U	0.17 U	0.16 U
E-SB-1035-12	E-SB-1035	12	12	20131001	33 U	27 U	16 U	26 U	140 U	560 U	40 U	40 U	21 U	29 U	23 U	290 J	22 U	16 U
E-SB-1036-12	E-SB-1036	12	12	20131001	8.4 U	6.9 U	4 U	6.7 U	36 U	140 U	10 U	10 U	5.4 U	7.4 U	59 J	97 JB	5.6 U	3.9 U
E-SB-1037-12	E-SB-1037	12	12	20131001	0.28 U	0.57 U	0.29 U	0.54 U	1.2 U	5.2 U	0.19 U	0.36 U	0.27 U	0.24 U	0.3 U	0.55 U	0.16 U	0.15 U
E-SB-1038-12	E-SB-1038	12	12	20131001	19 U	15 U	9 U	15 U	80 U	320 U	22 U	22 U	12 U	16 U	13 U	310 J	13 U	8.8 U
E-SB-1039-12	E-SB-1039	12	12	20131001	9 U	7.4 U	4.3 U	7.2 U	39 U	150 U	11 U	11 U	5.7 U	7.9 U	15 J	69 U	6 U	4.2 U
E-SB-113A-12-14	E-SB-113A	12	14	20130708	0.29 U	0.58 U	0.3 U	0.56 U	1.2 U	25 B	0.19 U	0.37 U	0.28 U	0.25 U	0.3 U	3.5 B	0.16 U	0.15 U
E-SB-114A-13-16	E-SB-114A	13	16	20130708	890	8 U	4.7 U	7.8 U	42 U	380 B	12 U	12 U	590	8.6 U	6.7 U	260 B	7.1 J	4.6 U
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	STYRENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	NA	NA	
E-CB-11A-10-12	E-CB-11A	10	12	20120720	0.15 U	7.5 UR	0.51 U	0.27 U	0.66 U	0.4 U	0.41 U	0.33 U	0.38 U	NORMAL
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-11A-18-20	E-CB-11A	18	20	20120720	0.13 U	6.6 UR	0.45 U	0.24 U	0.58 U	0.36 U	0.37 U	0.3 U	0.34 U	NORMAL
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-11B-16-18	E-CB-11B	16	18	20120719	0.13 U	6.7 UR	0.46 U	0.24 U	0.59 U	0.36 U	0.37 U	0.3 U	0.34 U	NORMAL
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-13-10-12	E-CB-13	10	12	20120720	0.12 U	6.3 UR	0.43 U	0.24 J	0.55 U	0.34 U	0.35 U	0.28 U	0.32 U	NORMAL
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-2-10-12	E-CB-2	10	12	20120719	0.22 U	11 UR	0.78 U	0.4 U	1 U	0.61 U	1 J	0.51 U	0.58 U	NORMAL
E-CB-2-12-14	E-CB-2	12	14	20120719	5.9 U	250 UR	13 U	23 J	8.5 U	9.6 U	10 U	17 U	19 U	NORMAL
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1023-12	E-SB-1023	12	12	20131003	0.13 U	6.8 U	0.46 U	0.24 U	0.31 U	0.37 U	39	0.3 U	0.91 J	NORMAL
E-SB-1024-12	E-SB-1024	12	12	20131003	0.12 U	6.3 U	0.43 U	0.22 U	0.29 U	0.34 U	0.35 U	0.28 U	0.32 U	NORMAL
E-SB-1025-12	E-SB-1025	12	12	20131003	0.12 U	6.1 U	0.42 U	0.22 U	0.28 U	0.33 U	0.34 U	0.27 U	0.31 U	NORMAL
E-SB-1026-12	E-SB-1026	12	12	20131002	0.13 U	6.8 U	0.47 U	0.24 U	0.31 U	0.94 J	0.52 J	0.31 U	0.35 U	NORMAL
E-SB-1027-12	E-SB-1027	12	12	20131002	0.12 U	6.2 U	0.43 U	0.22 U	0.29 U	0.34 U	23	0.28 U	0.32 U	NORMAL
E-SB-1028-10	E-SB-1028	10	10	20131002	0.13 U	6.8 U	0.46 U	0.24 U	0.31 U	0.37 U	49	0.3 U	0.35 U	NORMAL
E-SB-1028-12	E-SB-1028	12	12	20131002	0.13 U	6.5 U	0.45 U	0.39 J	0.3 U	0.35 U	16	0.29 U	0.34 U	NORMAL
E-SB-1029-10	E-SB-1029	10	10	20131002	4.9 U	210 U	11 U	15 U	5.5 U	8.1 U	4800	14 U	17 J	NORMAL
E-SB-1029-12	E-SB-1029	12	12	20131002	0.13 U	6.7 U	0.46 U	0.24 U	0.31 U	0.36 U	6.9	0.3 U	0.34 U	NORMAL
E-SB-1030-10	E-SB-1030	10	10	20131002	5 U	210 U	11 U	15 U	5.5 U	8.2 U	1400	14 U	16 U	NORMAL
E-SB-1030-12	E-SB-1030	12	12	20131002	4.4 U	190 U	9.4 U	13 U	4.9 U	7.2 U	1900	13 U	14 U	NORMAL
E-SB-1031-12	E-SB-1031	12	12	20131002	0.12 U	6.2 U	0.42 U	0.22 U	0.29 U	0.33 U	0.54 J	0.28 U	0.32 U	NORMAL
E-SB-1032-12	E-SB-1032	12	12	20131002	28 U	1200 U	61 U	86 U	31 U	47 U	43000	81 U	91 U	NORMAL
E-SB-1033-12	E-SB-1033	12	12	20131002	0.12 U	6.2 U	0.42 U	0.22 U	0.28 U	0.33 U	340 J	0.28 U	0.32 U	NORMAL
E-SB-1034-12	E-SB-1034	12	12	20131001	0.13 U	6.6 U	0.45 U	0.24 U	0.31 U	0.36 U	0.37 U	0.3 U	0.34 U	NORMAL
E-SB-1035-12	E-SB-1035	12	12	20131001	19 U	790 U	40 U	56 U	21 U	30 U	15000	53 U	60 U	NORMAL
E-SB-1036-12	E-SB-1036	12	12	20131001	4.7 U	200 U	10 U	14 U	5.2 U	7.7 U	940	13 U	15 U	NORMAL
E-SB-1037-12	E-SB-1037	12	12	20131001	0.12 U	6.3 U	0.43 U	0.22 U	0.29 U	0.34 U	0.35 U	0.28 U	0.32 U	NORMAL
E-SB-1038-12	E-SB-1038	12	12	20131001	10 U	450 U	22 U	32 U	12 U	17 U	7800	30 U	34 U	NORMAL
E-SB-1039-12	E-SB-1039	12	12	20131001	5 U	220 U	11 U	15 U	5.6 U	8.3 U	650	14 U	16 U	NORMAL
E-SB-113A-12-14	E-SB-113A	12	14	20130708	0.13 U	6.4 UR	0.44 U	0.23 U	0.57 U	0.35 U	0.35 U	0.29 U	0.33 U	NORMAL
E-SB-114A-13-16	E-SB-114A	13	16	20130708	5.4 U	230 UR	12 U	17 U	7.9 U	8.9 U	9.4 U	16 U	17 U	NORMAL
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--	NORMAL

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-[illegible]	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-[illegible]	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-[illegible]	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-[illegible]	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-[illegible]	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-[illegible]	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-[illegible]	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-[illegible]	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG) ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	PH	AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	PCBS (UG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	9.4 U
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	4700 U
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	1000 U
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	9300 U
E-SB-1463-10-12-	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	9300 U
E-SB-1463-10-12-	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	9300 U
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	48 U
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	990 U
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	990 U
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	92 U
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	5100 U
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	92
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	9.8 U
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	11 U
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	11 U
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	9.2 U
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	9.6 U
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	9.3 U
E-SB-1467-16-18-	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	9.25 U
E-SB-1467-16-18-	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	9.2 U
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	9.7 U
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	2100 U
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	9.5 U
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	9.7 U
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	9.5 U
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	9.4 U
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	48 U
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U
E-SB-1469-16-18-	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U
E-SB-1469-16-18-	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	9800 U
E-SB-1470-10-12-	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	9900 U
E-SB-1470-10-12-	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	10000 U
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	7.1	180	0.14	13	0.034 J	150	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	9800 U
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	190 U
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	9.5 U
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	940 U
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	9700 U
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	99 U

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE					PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)					
					AROCLOR-1254	AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	7000	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	10000	10000	10000
E-SB-1440-14-16	E-SB-1440	14	16	20160330	17 U	11 UJ	0 U	67.2	--	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	8300 U	130000	130000	160850	--	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	1800 U	23000	23000	29550	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	16000 U	740000	740000	800650	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-	E-SB-1463	10	12	20160225	16000 U	640000	640000	700650	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-	E-SB-1463	10	12	20160225	16000 U	540000	540000	600650	--	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	83 U	1400	1400	1709.5	--	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	87 U	1100	1100	1420.5	--	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	1700 U	27000	27000	33445	--	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	1700 U	37000	37000	43445	--	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	160 U	1900	1900	2496	--	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	8900 U	99000	99000	132050	--	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	18 U	260 J	352	413	--	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	17 U	39 J	39	102.4	--	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	19 U	97	97	166.5	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	20 U	33 J	33	106.5	--	--	--	--	--	--	--	--	--	--
E-SB-1467-12-14	E-SB-1467	12	14	20160225	16 U	10 U	0 U	64.6	--	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	17 U	11 U	0 U	67.8	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	16 U	10 U	0 U	65.65	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-	E-SB-1467	16	18	20160225	16 U	10 U	0 U	65.375	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-	E-SB-1467	16	18	20160225	16 U	10 U	0 U	65.1	--	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	17 U	11 U	0 U	68.35	--	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	3700 U	43000	43000	56700	--	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	17 U	110	110	171.75	--	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	17 U	11 U	0 U	67.85	--	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	17 U	450	450	511.75	--	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	17 U	110	110	171.7	--	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	84 U	1700	1700	2012	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	87 U	1200	1200	1520.5	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-	E-SB-1469	16	18	20160229	87.5 U	1150	1150	1474.25	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-	E-SB-1469	16	18	20160229	88 U	1100	1100	1428	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	17000 U	210000	210000	273400	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-	E-SB-1470	10	12	20160329	17000 U	195000	195000	258950	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-	E-SB-1470	10	12	20160329	17000 U	180000	180000	244500	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	17000 U	110000	110000	173400	--	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	330 U	4800	4800	6040	--	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	17 U	450	450	511.75	--	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	1600 U	48000	48000	54070	--	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	17000 U	390000	390000	452850	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	170 U	5700	5700	6344.5	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)						RADIONUCLIDES (PCI/G)							
					THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-228	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228
				Units	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	1.63	1.44	1.64	1650	47.7	131	1.73	0.86	1.72	1.34	9.96	89.5	0.86	1.73
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

																SEMIVOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)			
SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	BIS(2-ETHYLHEXYL)PHTHALATE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	0.64	--	--	1.73	54.8	851	30	2.21	54.8	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE										VOLATILES (UG/KG)				
					BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	DIETHYL ETHER	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2-DICHLOROBENZENE
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	530000	NA
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	ACETONE	BENZENE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	METHYLENE CHLORIDE	NAPHTHALENE	SEC-BUTYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	STYRENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	NA	NA	
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1463-10-12-	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1463-10-12-	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1467-16-18-	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1467-16-18-	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1469-16-18-	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1469-16-18-	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1470-10-12-	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1470-10-12-	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	NORMAL

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1472-12-16-...	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-...	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-...	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-...	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-...	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-...	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-...	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG) ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1472-12-16-	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE															
																	MISCELLANEOUS	MISCELLANEOUS	PCBS (UG/KG)
					SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	PH	AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	PCBS (UG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1472-12-16-	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	149.5 U
E-SB-1472-12-16-	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	200 U
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	11 U
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	99 U
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	51 U
E-SB-1474-12-16	E-SB-1474	12	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	930 U
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	99 U
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	9.9 U
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	9.5 U
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	190 U
E-SB-1476-12-16-	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	48095 U
E-SB-1476-12-16-	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	96000 U
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	10000 U
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	51 U
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	460000 U
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	930 U
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	4900 U
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	2000 U
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	9200 U
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	47 U
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	9.2 U
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	9.4 U
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	9.5 U
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	9.8 U
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	96 U
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	9.4 U
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	49000 U
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	9.3 U
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	9.4 U
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	9.2 U
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	9.5 U
E-SB-1533-12-14-	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	9.55 U
E-SB-1533-12-14-	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	9.6 U
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	9.4 U
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	89
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1537-10-12-	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE					PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)					
					AROCLOR-1254	AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	7000	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	10000	10000	10000
E-SB-1472-12-16-[illegible]	E-SB-1472	12	16	20160330	260 U	7250	7250	8219.75	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-[illegible]	E-SB-1472	12	16	20160330	350 U	8800	8800	10095	--	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	19 U	800	800	871	--	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	170 U	3200	3200	3844.5	--	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	89 U	1400	1400	1732	--	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	1600 U	21000	21000	27065	--	--	--	--	0.88 U	0.4 U	0.9 U	0.74 U	0.74 U	--
E-SB-1474-16-20	E-SB-1474	16	20	20160229	170 U	3900	3900	4544.5	--	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	17 U	710	710	774.45	--	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	17 U	99	99	160.75	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	340 U	7200 J	7200	8455	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-[illegible]	E-SB-1476	12	16	20160329	85170 U	953600	953600	1265728	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-[illegible]	E-SB-1476	12	16	20160329	170000 U	1900000 J	1900000	2523000	--	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	17000 U	240000	240000	304500	--	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	89 U	1000	1000	1331	--	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	810000 U	2300000	2300000	5330000	--	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	1600 U	49000	49000	55065	--	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	8500 U	48000	48000	79550	--	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	3500 U	21000	21000	33900	--	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	16000 U	52000	52000	112100	--	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	83 U	230	230	538.5	--	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	16 U	13 J	13	73.1	--	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	16 U	27 J	27	87.7	--	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	17 U	11 U	0 U	67.25	--	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	18 U	11 U	0 U	71	--	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	17 U	11 U	0 U	69.9	--	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	170 U	2800	2800	3423	--	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	16 U	310	310	370.7	--	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	87000 U	850000	850000	1169500	--	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	16 U	13 J	13	73.65	--	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	16 U	11 U	0 U	66.2	--	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	88 U	810	810	1139	--	--	--	--	--	--	--	--	--	--
E-SB-1533-10-12	E-SB-1533	10	12	20160303	16 U	16 J	16	75.6	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	17 U	11 J	11	72.75	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-[illegible]	E-SB-1533	12	14	20160303	17 U	8.25	5.5	70.275	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-[illegible]	E-SB-1533	12	14	20160303	17 U	11 U	0 U	67.8	--	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	17 U	11 U	0 U	67.2	--	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	17 U	50 J	50	135.85	--	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	17 U	22 U	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	17 U	22 U	89	177.95	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	17 U	21 U	0 U	94.75	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-[illegible]	E-SB-1537	10	12	20170209	23.75	21 U	19.5	108.925	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1472-12-16-[illegible]	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-[illegible]	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	0.73 U	0.74 U	0.68 U	0.4 U	0.79 U	1.3 U	0.64 U	0.61 U	0.4 U	0.95 U	0.84 U	0.51 U	0 U	5.765
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-[illegible]	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-[illegible]	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-[illegible]	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-[illegible]	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-[illegible]	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)						RADIONUCLIDES (PCI/G)							
					THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-228	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228
				Units	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1472-12-16-[illegible]	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-[illegible]	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-[illegible]	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-[illegible]	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-[illegible]	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-[illegible]	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-[illegible]	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE										SEMIVOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)			
					THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	BIS(2-ETHYLHEXYL)PHTHALATE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1472-12-16-[illegible]	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-[illegible]	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--	470 NJ	--
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-[illegible]	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-[illegible]	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-[illegible]	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-[illegible]	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-[illegible]	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE										VOLATILES (UG/KG)				
					BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	DIETHYL ETHER	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2-DICHLOROBENZENE
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	530000	NA
E-SB-1472-12-16-[illegible]	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-[illegible]	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	--	--	--	--	--	--	--	--	--	62 U	1400	19 U	6600	130 J
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-[illegible]	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-[illegible]	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-[illegible]	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-[illegible]	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-[illegible]	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	ACETONE	BENZENE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	METHYLENE CHLORIDE	NAPHTHALENE	SEC-BUTYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1472-12-16-[illegible]	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-[illegible]	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	1900	47 U	44 U	160 J	110 U	330 U	20 J	82 U	550	53 U	56 U	120 U	38 U	23 U
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-[illegible]	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-[illegible]	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-[illegible]	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-[illegible]	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-[illegible]	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	STYRENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	NA	NA	
E-SB-1472-12-16-[illegible]	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1472-12-16-[illegible]	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1474-12-16	E-SB-1474	12	16	20160229	40 U	1200 U	40 U	15 U	47 U	38 U	57 U	51 U	25 U	NORMAL
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1476-12-16-[illegible]	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1476-12-16-[illegible]	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1533-12-14-[illegible]	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1533-12-14-[illegible]	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1537-10-12-[illegible]	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	NORMAL

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
				Units	ALKYLATED PAHS UG/KG	ALKYLATED PAHS UG/KG	ALKYLATED PAHS UG/KG	ALKYLATED PAHS UG/KG	ALKYLATED PAHS UG/KG	ALKYLATED PAHS UG/KG	ALKYLATED PAHS UG/KG	ALKYLATED PAHS UG/KG	ALKYLATED PAHS UG/KG	ALKYLATED PAHS UG/KG	ALKYLATED PAHS UG/KG	ALKYLATED PAHS UG/KG	ALKYLATED PAHS UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1537-10-12-[illegible]	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-[illegible]	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-[illegible]	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-[illegible]	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-[illegible]	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-[illegible]	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-[illegible]	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG) ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1537-10-12-	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	PH	AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	PCBS (UG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1537-10-12-[illegible]	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	23 U
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1539-12-14-[illegible]	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1539-12-14-[illegible]	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1542-14-16-[illegible]	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	19.5 U
E-SB-1542-14-16-[illegible]	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	0.012 U	0.012 U	0.012 U	1	--	--	--	--	20 U
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.79	--	--	--	--	20 U
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.57	--	--	--	--	19 U
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	0.012 U	0.012 U	0.012 U	0.69	--	--	--	--	21 U
E-SB-1543-16-18-[illegible]	E-SB-1543	16	18	20170110	--	--	--	--	--	0.0115 U	0.0115 U	0.0115 U	0.835	--	--	--	--	21 U
E-SB-1543-16-18-[illegible]	E-SB-1543	16	18	20170110	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.98	--	--	--	--	21 U
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	0.01 U	0.01 U	0.01 U	1.1	--	--	--	--	20 U
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	0.011 U	0.011 U	0.011 U	1.1 J	--	--	--	--	20 U
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.68 J	--	--	--	--	20 U
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	0.012 U	0.012 U	0.012 U	0.99 J	--	--	--	--	20 U
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.34 J	--	--	--	--	19 U
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.74 J	--	--	--	--	20 U
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	0.01 U	0.01 U	0.01 U	0.61 J	--	--	--	--	99 U
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	0.01 U	0.01 U	0.01 U	0.59 J	--	--	--	--	200 U
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.53 J	--	--	--	--	200 U
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.83 J	--	--	--	--	210 U
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	0.01 U	0.01 U	0.01 U	0.38 J	--	--	--	--	19 U
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	0.012 U	0.11	0.012 U	7.6	--	--	--	--	110000 U
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	0.012 U	0.012 U	0.012 U	1	--	--	--	--	4000 U

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE					PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)					
					AROCLOR-1254	AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	7000	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	10000	10000	10000
E-SB-1537-10-12-	E-SB-1537	10	12	20170209	39 J	21 U	39	123.1	--	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	17 U	22 U	0 U	97.4	--	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	19 U	24 U	0 U	107.5	--	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	17 U	22 U	0 U	99.5	--	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	17 U	22 U	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	17 U	22 U	0 U	98.95	--	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	17 U	21 U	0 U	94.7	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	17 U	21 U	0 U	94.75	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-	E-SB-1539	12	14	20170210	16.5 U	21 U	0 U	93.95	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-	E-SB-1539	12	14	20170210	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	16 U	21 U	0 U	92.1	--	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	16 U	21 U	0 U	93.2	--	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	17 U	21 U	0 U	95.25	--	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	16 U	32 J	32	114.7	--	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	16 U	21 U	0 U	92.1	--	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	17 U	21 U	0 U	95.3	--	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	18 U	76	76	165	--	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	17 U	21 U	0 U	95.25	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	17 U	22 U	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-	E-SB-1542	14	16	20170209	16.5 U	21.5 U	0 U	93.95	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-	E-SB-1542	14	16	20170209	16 U	21 U	0 U	91.6	--	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	17 U	21 U	0 U	95.25	--	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	16 U	47 J	47	129.65	--	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	16 U	22 J	22	102.55	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	17 U	22 U	0 U	96.85	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-	E-SB-1543	16	18	20170110	17 U	19	13.5	104.85	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-	E-SB-1543	16	18	20170110	17 U	27 J	27	112.85	--	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	16 U	21 U	0 U	92.1	--	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	17 U	28 J	28	113.3	--	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	16 U	20 U	0 U	90.5	--	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	82 U	6200	6200	6615.5	--	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	160 U	16000	16000	16827	--	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	160 U	10000	10000	10827	--	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	170 U	8400	8400	9264	--	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	16 U	1200	1200	1280.55	--	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	91000 U	7000000	7000000	7461500	--	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	3300 U	89000	89000	105750	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1537-10-12-[illegible]	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-[illegible]	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-[illegible]	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-[illegible]	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-[illegible]	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-[illegible]	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-[illegible]	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)						RADIONUCLIDES (PCI/G)							
					THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-228	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228
				Units	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1537-10-12-	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

															SEMIVOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)			
SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	BIS(2-ETHYLHEXYL)PHTHALATE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1537-10-12-	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	0.716	0.434 J	0.547	--	0.463 U	0.0179 U	-0.009 U	0.348	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	0.327	0.376 J	0.55	--	-0.376 U	0.0143 U	-0.0028 U	0.265	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	0.596	0.427 J	0.662	--	1.08 U	0.00996 U	0.00191 U	0.193	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	0.366	0.411 J	0.346	--	0.324 U	0.0108 U	-0.0079 U	0.231	--	--	--	--	--
E-SB-1543-16-18-	E-SB-1543	16	18	20170110	--	0.39	0.2875	0.4035	--	0.702 U	0.014 U	-0.0052 U	0.2795	--	--	--	--	--
E-SB-1543-16-18-	E-SB-1543	16	18	20170110	--	0.414	0.328 UJ	0.461	--	1.08 U	0.0172 U	-0.0025 U	0.328	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	0.491	0.404 J	0.571	--	0.28 U	0.0186 U	0.00683 U	0.362	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	0.776	0.726 J	0.866	--	-0.325 U	0.0195 U	-0.0049 U	0.383 J	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	1.05	0.998 J	0.763	--	-0.843 U	0.0115 U	-0.0091 U	0.229 J	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	1.18	1.07 J	1.22	--	-0.19 U	0.016 U	-0.0033 U	0.331 J	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	0.824	0.576 J	0.675	--	0.267 U	0.00561 U	0.00035 U	0.114 J	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	0.899	0.9 J	1.01	--	0.41 U	0.0124 U	0.00852 U	0.249 J	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	1.06	0.836 J	0.944	--	0.0995 U	0.0102 U	-0.0053 U	0.205 J	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	1.01	0.738 J	1.08	--	-0.149 U	0.00986 U	0.002 U	0.199 J	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	1.13	0.735 J	1.1	--	-0.285 U	0.00894 U	0.00395 U	0.178 J	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	1.7	1.2 J	1.39	--	0.713 U	0.0143 U	0.00249 U	0.28 J	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	0.991	0.738 J	0.964	--	0.0255 U	0.00668 U	0.00398 U	0.129 J	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	0.995	0.771 J	0.743	--	5.36 U	0.233	0.0243 U	2.56	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	1.07	0.871 J	0.952	--	-1.09 U	0.0173 U	0.00105 U	0.349	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE										VOLATILES (UG/KG)				
					BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	DIETHYL ETHER	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2-DICHLOROBENZENE
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	530000	NA
E-SB-1537-10-12-[illegible]	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-[illegible]	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-[illegible]	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-[illegible]	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-[illegible]	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-[illegible]	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-[illegible]	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	ACETONE	BENZENE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	METHYLENE CHLORIDE	NAPHTHALENE	SEC-BUTYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1537-10-12-[illegible]	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-[illegible]	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-[illegible]	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-[illegible]	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-[illegible]	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-[illegible]	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-[illegible]	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	STYRENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	NA	NA	
E-SB-1537-10-12-[illegible]	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1539-12-14-[illegible]	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1539-12-14-[illegible]	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1542-14-16-[illegible]	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1542-14-16-[illegible]	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1543-16-18-[illegible]	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1543-16-18-[illegible]	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--	NORMAL

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-[illegible]	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-[illegible]	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-[illegible]	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-[illegible]	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-[illegible]	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-[illegible]	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG) ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-[illegible]	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-[illegible]	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-[illegible]	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-[illegible]	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-[illegible]	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-[illegible]	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PERCENT SOLIDS	MISCELLANEOUS PH	PCBS (UG/KG) AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	PCBS (UG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	0.011 U	0.062	0.011 U	1.5	--	--	--	--	2000 U
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	0.01 U	0.011 J	0.01 U	0.69	--	--	--	--	2000 U
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	0.011 U	0.031	0.011 U	1.6	--	--	--	--	2000 U
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.36	--	--	--	--	39 U
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	0.011 U	0.012 J	0.011 U	0.84	--	--	--	--	11000 U
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	0.011 U	0.014 J	0.011 U	1	--	--	--	--	4200 U
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	0.012 U	0.012 U	0.012 U	0.52	--	--	--	--	2200 U
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.41	--	--	--	--	97 U
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	0.0099 U	0.012 J	0.0099 U	1.5	--	--	--	--	20 U
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	0.011 U	0.011 U	0.011 U	1.1 J	--	--	--	--	20 U
E-SB-1548-12-14-	E-SB-1548	12	14	20170109	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.845	--	--	--	--	19.5 U
E-SB-1548-12-14-	E-SB-1548	12	14	20170109	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.59 J	--	--	--	--	19 U
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.6 J	--	--	--	--	20 U
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	0.0099 U	0.0099 U	0.0099 U	0.57 J	--	--	--	--	19 U
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.36 J	--	--	--	--	19 U
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	0.01 U	0.01 U	0.01 U	1.1	--	--	--	--	20 U
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	0.012 U	0.012 U	0.012 U	0.84	--	--	--	--	20 U
E-SB-1549-12-14-	E-SB-1549	12	14	20170110	--	--	--	--	--	0.012 U	0.012 U	0.012 U	0.92	--	--	--	--	21 U
E-SB-1549-12-14-	E-SB-1549	12	14	20170110	--	--	--	--	--	0.012 U	0.012 U	0.012 U	1 J	--	--	--	--	22 U
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.9 J	--	--	--	--	19 U
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	0.012 U	0.012 U	0.012 U	0.59 J	--	--	--	--	20 U
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	0.011 U	0.012 J	0.011 U	1.5 J	--	--	--	--	20 U
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.64	--	--	--	--	19 U
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	0.01 U	0.01 U	0.01 U	0.99	--	--	--	--	20 U
E-SB-1550-12-14-	E-SB-1550	12	14	20170110	--	--	--	--	--	0.0105 U	0.0105 U	0.0105 U	0.99	--	--	--	--	20 U
E-SB-1550-12-14-	E-SB-1550	12	14	20170110	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.99	--	--	--	--	20 U
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	0.01 U	0.01 J	0.01 U	1.4	--	--	--	--	20 U
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	0.011 U	0.011 J	0.011 U	1.4	--	--	--	--	20 U
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	0.0098 U	0.0098 U	0.0098 U	1	--	--	--	--	20 U
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	0.0098 U	0.0098 U	0.0098 U	0.5	--	--	--	--	39 U
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.9	--	--	--	--	99 U
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.68	--	--	--	--	40 U
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	0.012 U	0.012 U	0.012 U	0.31	--	--	--	--	100 U
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	0.01 U	0.01 U	0.01 U	0.43	--	--	--	--	19 U
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	0.0097 U	0.0097 U	0.0097 U	0.44 J	--	--	--	--	19 U
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.35 J	--	--	--	--	19 U
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	0.012 U	0.012 U	0.012 U	0.83	--	--	--	--	23 U
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	0.012 U	0.012 U	0.012 U	0.64	--	--	--	--	22 U
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.82	--	--	--	--	20 U
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	0.01 U	0.42	0.01 U	5.9	--	--	--	--	200 U
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.87 J	--	--	--	--	20 U

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE					PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)					
					AROCLOR-1254	AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	7000	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	10000	10000	10000
E-SB-1546-14-16	E-SB-1546	14	16	20170109	1700 U	45000	45000	53425	--	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	1600 U	45000	45000	53160	--	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	1600 U	27000	27000	35160	--	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	32 U	1500	1500	1663	--	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	9000 U	420000	420000	465550	--	--	--	--	--	--	--	--	--	--
E-SB-1547-14-16	E-SB-1547	14	16	20170109	3400 U	19000	19000	36400	--	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	1800 U	87000	87000	96200	--	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	80 U	4200	4200	4602	--	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	16 U	360 J	360	442.7	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	16 U	630 J	630	712.65	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-	E-SB-1548	12	14	20170109	16 U	475	475	556.6	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-	E-SB-1548	12	14	20170109	16 U	320 J	320	400.55	--	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	17 U	270	270	354.25	--	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	16 U	180	180	260.6	--	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	16 U	880	880	960.55	--	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	16 U	21 U	0 U	92.6	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	17 U	22 U	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-	E-SB-1549	12	14	20170110	17.5 U	22.5 U	0 U	99.4	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-	E-SB-1549	12	14	20170110	18 U	23 U	0 U	102.5	--	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	16 U	21 U	0 U	91.1	--	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	17 U	21 U	0 U	95.25	--	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	16 U	110	110	192.65	--	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	16 U	20 U	0 U	90.5	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	16 U	21 U	0 U	92.6	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-	E-SB-1550	12	14	20170110	16 U	31.25	26	113.1	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-	E-SB-1550	12	14	20170110	16 U	52 J	52	133.6	--	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	16 U	62	62	144.65	--	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	17 U	280	280	364.2	--	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	16 U	21 U	0 U	92.1	--	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	32 U	1000	1000	1162	--	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	82 U	1900	1900	2316	--	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	33 U	990	990	1157.5	--	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	86 U	2500	2500	2931.5	--	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	16 U	130	130	210.55	--	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	16 U	20 U	0 U	90.5	--	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	16 U	21 U	0 U	91.05	--	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	19 U	24 U	0 U	107.5	--	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	18 U	33 J	33	124	--	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	160 U	13000	13000	13826.5	--	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	16 U	59	59	140.6	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)						RADIONUCLIDES (PCI/G)							
					THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-228	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228
				Units	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

														SEMIVOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)			
SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	BIS(2-ETHYLHEXYL)PHTHALATE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	1.07	0.672 J	1.2	--	3.62 U	0.133	0.0179 U	0.511	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	1.32	0.624 J	1.1	--	1.07 U	0.0229	0.00606 U	0.231	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	0.965	0.626 J	1.14	--	1.54 U	0.0669	0.0138 U	0.522	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	0.888	0.684	0.839	--	0.443 U	0.00596 U	0.00043 U	0.123	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	0.719	0.62	0.659	--	1.01 U	0.0269	-0.0021 U	0.281	--	--	--	--	--
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	0.813	0.756	0.803	--	0.993 U	0.031	-0.0034 U	0.35	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	1.01	0.711	0.967	--	1.22 U	0.0188 U	0.00644 U	0.173	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	1.11	0.656	0.987	--	1.02 U	0.00672 U	0.00219 U	0.138	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	0.857	1.04	0.847	--	0.92 U	0.0255 J	0.00045 U	0.511	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	0.868	0.663	0.938	--	-0.0999 U	0.0191 U	-0.0046 U	0.373 J	--	--	--	--	--
E-SB-1548-12-14-[illegible]	E-SB-1548	12	14	20170109	--	0.9085	0.8965	0.9635	--	-0.204 U	0.01455 U	-0.0079 U	0.2865	--	--	--	--	--
E-SB-1548-12-14-[illegible]	E-SB-1548	12	14	20170109	--	0.949	1.13 J	0.989	--	-0.308 U	0.01 U	-0.0111 U	0.2 J	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	1.1	0.84	0.912	--	-0.268 U	0.01 U	-0.0136 U	0.202 J	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	1.17	0.811	1.01	--	0.605 U	0.00934 U	-0.0062 U	0.193 J	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	0.953	0.482	0.691	--	0.228 U	0.00562 U	-0.0041 U	0.12 J	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	1.12	0.7 UJ	1.03	--	0.0632 U	0.0186 U	-0.0045 U	0.379	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	0.509	0.493 UJ	0.595	--	-1.52 U	0.0137 U	-0.0151 U	0.283	--	--	--	--	--
E-SB-1549-12-14-[illegible]	E-SB-1549	12	14	20170110	--	0.595	0.5155 U	0.6265	--	-1.335 U	0.0149 U	-0.0093 U	0.3095	--	--	--	--	--
E-SB-1549-12-14-[illegible]	E-SB-1549	12	14	20170110	--	0.681	0.538 UJ	0.658	--	-1.15 U	0.0161 U	-0.0036 U	0.336	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	0.627	0.725 UJ	0.578	--	-0.374 U	0.0155 U	-0.0081 U	0.302 J	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	1.12	0.664 UJ	1.01	--	-0.255 U	0.0106 U	-0.0048 U	0.2 J	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	1.04	0.806 UJ	0.837	--	0.273 U	0.0251	0.00327 U	0.494 J	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	0.915	0.611	0.881	--	0.764 U	0.0108 U	-0.0084 U	0.215	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	0.632	0.377	0.453	--	-0.761 U	0.016 U	-0.0147 U	0.333	--	--	--	--	--
E-SB-1550-12-14-[illegible]	E-SB-1550	12	14	20170110	--	0.5715	0.4435	0.548	--	-0.581 U	0.01625 U	-0.0118 U	0.3325	--	--	--	--	--
E-SB-1550-12-14-[illegible]	E-SB-1550	12	14	20170110	--	0.511	0.51	0.643	--	-0.401 U	0.0165 U	-0.009 U	0.332	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	0.854	0.873	0.77	--	0.278 U	0.0225	-0.0094 U	0.468	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	1.2	0.608	0.964	--	0.0418 U	0.0239 U	-0.004 U	0.463	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	1.04	0.742	0.936	--	0.752 U	0.0182 U	-0.0097 U	0.353	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	0.833	0.516	0.978	--	-0.171 U	0.014 U	0.0154 U	0.169	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	0.788	0.753	0.573	--	0.148 U	0.015 U	0.0106 U	0.303	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	0.93	0.703	0.991	--	-0.119 U	0.0107 U	0.0033 U	0.229	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	1.25	0.603	1.24	--	0.725 U	0.00547 U	0.00993 U	0.105	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	0.766	0.615	0.77	--	-0.506 U	0.00799 U	0.00467 U	0.143	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	0.94	0.73	0.795	--	-0.363 U	0.00728 U	-0.008 U	0.149 J	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	0.777	0.647	0.828	--	0.0681 U	0.00524 U	-0.0077 U	0.116 J	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	0.893	0.548 UJ	0.881	--	0.756 U	0.0136 U	-0.0063 U	0.28	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	0.9	0.754 UJ	0.752	--	-0.457 U	0.0108 U	-0.0051 U	0.216	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	0.947	0.885 J	0.955	--	0.342 U	0.0136 U	-0.0092 U	0.277	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	0.9	0.878	0.828	--	29.3	0.902	0.0643 U	1.98	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	0.852	0.877	0.699	--	-0.297 U	0.0146 U	-0.0074 U	0.293 J	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE										VOLATILES (UG/KG)				
					BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	DIETHYL ETHER	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2-DICHLOROBENZENE
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	530000	NA
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	ACETONE	BENZENE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	METHYLENE CHLORIDE	NAPHTHALENE	SEC-BUTYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	STYRENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	NA	NA	
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1548-12-14-[illegible]	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1548-12-14-[illegible]	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1549-12-14-[illegible]	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1549-12-14-[illegible]	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1550-12-14-[illegible]	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1550-12-14-[illegible]	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--	NORMAL

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG) ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PERCENT SOLIDS	MISCELLANEOUS PH	PCBS (UG/KG) AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	PCBS (UG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	0.01 U	0.01 U	0.01 U	1 J	--	--	--	--	20 U
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	0.011 U	0.011 U	0.011 U	1.1 J	--	--	--	--	20 U
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	0.011 U	0.011 U	0.011 U	0.69 J	--	--	--	--	20 U
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	1000 U
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	97 U
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	97 U
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1587-10-12-	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	114.5 U
E-SB-1587-10-12-	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	210 U
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	110 U
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	9900 U
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	1000 U
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	2000 U

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

									PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)					
SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1254	AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	7000	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	10000	10000	10000
E-SB-1553-14-16	E-SB-1553	14	16	20170110	16 U	21 U	0 U	94.2	--	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	16 U	21 U	0 U	92.1	--	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	16 U	67	67	149.65	--	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	16 U	710	710	791.6	--	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	16 U	860	860	942.65	--	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	16 U	39 J	39	120.1	--	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	16 U	23 J	23	105.1	--	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	17 U	48 J	48	132.25	--	--	--	--	--	--	--	--	--	--
E-SB-1585-14-15	E-SB-1585	14	15	20170131	16 U	21 U	0 U	91.05	--	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	860 U	22000	22000	26315	--	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	80 U	1100	1100	1502	--	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	80 U	3100	3100	3502.5	--	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	17 U	81	81	166.3	--	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	17 U	1100	1100	1186.4	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	16 U	61 J	61	142.1	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-[illegible]	E-SB-1587	10	12	20170207	93 U	3230.5	3230.5	3713.3	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-[illegible]	E-SB-1587	10	12	20170207	170 U	6400 J	6400	7284.5	--	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	16 U	740	740	820.55	--	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	16 U	1400	1400	1481.1	--	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	17 U	22 U	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	17 U	21 U	0 U	94.75	--	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	16 U	660	660	742.65	--	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	16 U	190	190	272.65	--	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	17 U	220	220	304.25	--	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	16 U	620	620	702.65	--	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	87 U	4900	4900	5338.5	--	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	8200 U	320000	320000	361550	--	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	840 U	31000	31000	35240	--	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	1600 U	49000	49000	57265	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)						RADIONUCLIDES (PCI/G)							
					THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-228	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228
				Units	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

														SEMIVOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)			
SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	BIS(2-ETHYLHEXYL)PHTHALATE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	0.77	1.04 J	0.652	--	0 U	0.0167 U	-0.0101 U	0.351 J	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	0.915	1.01	0.956	--	-0.248 U	0.0194 U	-0.0119 U	0.383 J	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	1.19	1.06	1.19	--	0.388 U	0.0118 U	-0.0084 U	0.232 J	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	410 NJ	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	9.5 NJ
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE										VOLATILES (UG/KG)				
					BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	DIETHYL ETHER	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2-DICHLOROBENZENE
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	530000	NA
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	300 NJ	--	20 U	28 U	11 U	23 U	16 U
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--	21 U	29 U	12 U	24 U	17 U
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--	42 U	58 U	24 U	47 U	33 U
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--	0.35 U	0.25 U	0.072 U	0.17 U	0.16 U
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	240 NJ	--	--	--	21 U	29 U	12 U	23 U	16 U
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--	52 U	72 U	29 U	59 U	41 U
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	16 NJ	--	--	--	--	--	--	--	0.35 U	0.25 U	0.071 U	0.17 U	0.16 U
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	320 NJ	2.9 J	0.25 U	0.072 U	0.17 U	0.16 U
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	3400 NJ	--	--	34 U	47 U	19 U	39 U	27 U
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	3.7 NJ	--	6.8 NJ	14 NJ	--	--	--	--	0.34 U	0.24 U	0.069 U	0.17 U	0.15 U
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--	0.33 U	0.23 U	0.067 U	0.16 U	0.15 U
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--	0.33 U	0.24 U	0.068 U	0.16 U	0.15 U
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	ACETONE	BENZENE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	METHYLENE CHLORIDE	NAPHTHALENE	SEC-BUTYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	26 U	26 U	33 U	24 U	44 UJ	85 UJ	21 U	16 U	26 U	21 U	31 U	57 U	17 U	21 U
E-SB-1573-10-12	E-SB-1573	10	12	20170202	28 U	28 U	35 U	25 U	46 UJ	89 UJ	22 U	17 U	28 U	22 U	72 J	60 U	18 U	22 U
E-SB-1574-10-12	E-SB-1574	10	12	20170202	54 U	54 U	69 U	49 U	90 U	180 UJ	43 U	33 U	54 U	43 U	630	370 U	52 J	43 U
E-SB-1575-10-12	E-SB-1575	10	12	20170202	0.21 U	0.22 U	0.21 U	0.25 U	0.91 U	17 U	0.23 U	0.15 U	0.24 U	0.17 U	0.2 U	1.6 U	0.24 U	0.14 U
E-SB-1576-10-12	E-SB-1576	10	12	20170202	27 U	27 U	34 U	24 U	45 UJ	87 UJ	22 U	16 U	27 U	22 U	140 J	58 U	18 U	22 U
E-SB-1577-10-12	E-SB-1577	10	12	20170202	68 U	68 U	86 U	61 U	110 U	220 UJ	54 U	41 U	68 U	54 U	940	460 U	45 U	54 U
E-SB-1578-10-12	E-SB-1578	10	12	20170202	0.2 U	0.22 U	0.2 U	0.25 U	0.9 U	3.4 U	0.23 U	0.15 U	0.23 U	0.16 U	0.2 U	1.5 U	0.23 U	0.13 U
E-SB-1579-10-12	E-SB-1579	10	12	20170203	0.21 U	0.22 U	0.21 U	0.25 U	0.92 U	8.4 U	0.23 U	0.15 U	0.24 U	1.1 J	54	2.1 J	0.24 U	0.14 U
E-SB-1580-10-12	E-SB-1580	10	12	20170203	44 U	44 U	56 U	40 U	74 U	140 U	36 U	27 U	44 U	36 U	380	270 U	30 U	36 U
E-SB-1581-10-12	E-SB-1581	10	12	20170203	0.2 U	0.21 U	0.2 U	0.43 J	0.88 U	4.3 J	0.22 U	0.15 U	0.23 U	0.16 U	0.19 U	1.1 U	0.23 U	0.2 J
E-SB-1582-10-12	E-SB-1582	10	12	20170206	0.19 U	0.21 U	0.19 U	0.23 U	0.85 U	2.4 U	0.21 U	0.14 U	0.22 U	0.15 U	0.19 U	0.16 U	0.22 U	0.13 U
E-SB-1583-10-12	E-SB-1583	10	12	20170206	0.2 U	0.21 U	0.2 U	0.24 U	0.86 UJ	12 J	0.22 U	0.14 U	0.22 U	0.17 J	1.4 J	0.87 U	0.22 U	0.13 U
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	STYRENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	NA	NA	
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1572-10-12	E-SB-1572	10	12	20170201	8.7 U	320 U	18 U	21 U	24 U	31 U	280	30 U	15 U	NORMAL
E-SB-1573-10-12	E-SB-1573	10	12	20170202	9.2 U	330 U	19 U	22 U	26 U	32 U	1400	31 U	16 U	NORMAL
E-SB-1574-10-12	E-SB-1574	10	12	20170202	18 U	650 U	38 U	43 U	51 U	63 U	11000	61 U	31 U	NORMAL
E-SB-1575-10-12	E-SB-1575	10	12	20170202	0.19 U	1.7 U	0.27 U	0.24 U	0.29 U	0.27 U	0.8 J	0.17 UJ	0.2 U	NORMAL
E-SB-1576-10-12	E-SB-1576	10	12	20170202	9 U	320 U	19 U	22 U	25 U	31 U	3300	31 U	15 U	NORMAL
E-SB-1577-10-12	E-SB-1577	10	12	20170202	23 U	810 U	47 U	54 U	63 U	79 U	14000	77 U	38 U	NORMAL
E-SB-1578-10-12	E-SB-1578	10	12	20170202	0.19 U	1.7 U	0.26 U	0.24 U	0.28 U	0.27 U	0.66 J	0.17 UJ	0.2 U	NORMAL
E-SB-1579-10-12	E-SB-1579	10	12	20170203	0.19 U	1.7 U	0.27 U	0.25 U	0.29 U	0.34 J	350	0.17 U	1.8 J	NORMAL
E-SB-1580-10-12	E-SB-1580	10	12	20170203	15 U	540 U	31 U	36 U	42 U	52 U	7600	50 U	25 U	NORMAL
E-SB-1581-10-12	E-SB-1581	10	12	20170203	0.19 U	1.6 U	0.26 U	0.24 U	0.28 U	0.26 U	0.28 U	0.17 U	0.19 U	NORMAL
E-SB-1582-10-12	E-SB-1582	10	12	20170206	0.18 U	1.6 U	0.25 U	0.23 U	0.27 U	0.25 U	0.27 U	0.16 U	0.19 U	NORMAL
E-SB-1583-10-12	E-SB-1583	10	12	20170206	0.18 U	1.6 U	0.25 U	0.23 U	0.27 U	0.26 U	41	0.16 U	0.19 U	NORMAL
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1587-10-12-	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1587-10-12-	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--	NORMAL

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG) ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE															
					SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PERCENT SOLIDS	MISCELLANEOUS PH	PCBS (UG/KG) AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	PCBS (UG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	4100 U
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	2100 U
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	99 U
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	99 U
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	99 U
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	1000 U
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	390 U
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	97 U
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	220000 U
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	98 U
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	400 U
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	40000 U
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	22 U

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE					PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)					
					AROCLOR-1254	AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	7000	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	10000	10000	10000
E-SB-1590-16-18	E-SB-1590	16	18	20170207	3300 U	190000	190000	206950	--	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	1700 U	11000	11000	19740	--	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	17 U	21 U	0 U	95.25	--	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	17 U	22 U	0 U	96.85	--	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	17 U	21 U	0 U	94.75	--	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	16 U	370	370	452.65	--	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	16 U	400	400	482.65	--	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	82 U	4400	4400	4815.5	--	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	81 U	1500	1500	1914.5	--	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	82 U	1600	1600	2016	--	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	830 U	18000	18000	22220	--	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	320 U	14000	14000	15630	--	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	80 U	2000 J	2000	2401.5	--	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	16 U	360	360	440.55	--	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	16 U	140	140	220.55	--	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	180000 U	1.3E+07	1.3E+07	1.4E+07	--	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	84 U	4600	4600	5024	--	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	81 U	2300	2300	2713.5	--	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	17 U	57 J	57	142.3	--	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	16 U	700	700	781.6	--	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	17 U	22 U	0 U	95.8	--	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	16 U	21 U	0 U	92.1	--	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	17 U	32 J	32	116.2	--	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	330 U	22000	22000	23675	--	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	33000 U	1700000	1700000	1867500	--	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	16 U	290	290	372.65	--	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	16 U	61	61	143.65	--	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	16 U	21 U	0 U	91.6	--	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	16 U	21 U	0 U	92.1	--	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	16 U	21 U	0 U	92.1	--	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	16 U	21 U	0 U	92.1	--	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	16 U	650	650	733.7	--	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	17 U	97	97	181.2	--	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1605-16-18	E-SB-1605	16	18	20170112	16 U	21 U	0 U	93.2	--	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	16 U	21 U	0 U	92.6	--	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	16 U	51 J	51	131.55	--	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	18 U	23 U	0 U	102.5	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)						RADIONUCLIDES (PCI/G)							
					THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-228	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228
				Units	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

															SEMIVOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)			
SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	BIS(2-ETHYLHEXYL)PHTHALATE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE										VOLATILES (UG/KG)				
					BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	DIETHYL ETHER	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2-DICHLOROBENZENE
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	530000	NA
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	ACETONE	BENZENE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	METHYLENE CHLORIDE	NAPHTHALENE	SEC-BUTYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	STYRENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	NA	NA	
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--	NORMAL

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG) ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PERCENT SOLIDS	MISCELLANEOUS PH	PCBS (UG/KG) AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	PCBS (UG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	3900 U
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	200 U
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	4000 U
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	4000 U
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE					PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)					
					AROCLOR-1254	AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	7000	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	10000	10000	10000
E-SB-1606-18-20	E-SB-1606	18	20	20170112	16 U	20 U	0 U	89.45	--	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	17 U	32 J	32	116.25	--	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	17 U	430	430	515.85	--	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	17 U	22 U	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	16 U	20 U	0 U	90.55	--	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	17 U	54 J	54	140.4	--	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	17 U	22 U	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	17 U	22 U	0 U	96.85	--	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	16 U	20 U	0 U	90.55	--	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	17 U	21 U	0 U	94.7	--	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	17 U	22 U	0 U	98.4	--	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	17 U	22 U	0 U	96.8	--	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	17 U	21 U	0 U	94.7	--	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	17 U	22 U	0 U	96.85	--	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	17 U	22 U	0 U	96.85	--	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	16 U	21 U	0 U	92.1	--	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	16 U	20 U	0 U	90.5	--	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	16 U	21 U	0 U	91.05	--	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	16 U	21 U	0 U	91.05	--	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	16 U	20 U	0 U	89.5	--	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	16 U	20 U	0 U	90.55	--	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	16 U	20 U	0 U	90.55	--	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	17 U	22 U	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	17 U	22 U	0 U	96.85	--	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	17 U	22 U	0 U	96.85	--	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	16 U	20 U	0 U	90.55	--	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	3200 U	190000	190000	206400	--	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	160 U	5600	5600	6426.5	--	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	3300 U	160000	160000	176700	--	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	17 U	47 J	47	131.75	--	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	3300 U	190000	190000	206700	--	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	16 U	20 U	0 U	89.5	--	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	16 U	20 U	0 U	90.5	--	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	16 U	20 U	0 U	90.55	--	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	16 U	21 U	0 U	92.6	--	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	16 U	21 U	0 U	92.6	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)						RADIONUCLIDES (PCI/G)							
					THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-228	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228
				Units	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

													SEMIVOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)				
SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	BIS(2-ETHYLHEXYL)PHTHALATE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE										VOLATILES (UG/KG)				
					BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	DIETHYL ETHER	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2-DICHLOROBENZENE
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	530000	NA
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	ACETONE	BENZENE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	METHYLENE CHLORIDE	NAPHTHALENE	SEC-BUTYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	STYRENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	NA	NA	
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--	NORMAL

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG) ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE													MISCELLANEOUS	MISCELLANEOUS	PCBS (UG/KG)
					SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	PH	AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	PCBS (UG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	210 U
E-SB-1617-11-13-	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	155 U
E-SB-1617-11-13-	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	40 U
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	38 U
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	190 U
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	22 U
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	4300 U
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	410 U
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1620-16-18-	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1620-16-18-	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	410 U
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	210 U
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	200 U

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE					PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)					
					AROCLOR-1254	AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	7000	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	10000	10000	10000
E-SB-1615-10-12	E-SB-1615	10	12	20170106	16 U	21 U	0 U	92.6	--	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	17 U	23 J	23	108.85	--	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	17 U	22 U	0 U	96.85	--	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	16 U	21 U	0 U	91.05	--	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	16 U	230	230	312.65	--	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	17 U	22 U	0 U	96.85	--	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	17 U	230	230	314.75	--	--	--	--	--	--	--	--	--	--
E-SB-1616-18-20	E-SB-1616	18	20	20170106	83 U	2300	2300	2722.5	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	170 U	10000	10000	10884.5	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-	E-SB-1617	11	13	20170106	128 U	8150	8150	8808	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-	E-SB-1617	11	13	20170106	86 U	6300	6300	6731.5	--	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	33 U	2100	2100	2266.5	--	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	32 U	1300	1300	1460	--	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	17 U	820	820	905.85	--	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	16 U	21 U	0 U	92.6	--	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	17 U	22 U	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	160 U	8700	8700	9506	--	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	16 U	21 U	0 U	93.2	--	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	18 U	23 U	0 U	101	--	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	17 U	22 U	0 U	98.4	--	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	17 U	22 U	0 U	96.85	--	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	17 U	21 U	0 U	95.25	--	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	17 U	22 U	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	3500 U	200000	200000	217800	--	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	340 U	27000	27000	28725	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	16 U	20 U	0 U	89.5	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-	E-SB-1620	16	18	20170116	16 U	70	65	150	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-	E-SB-1620	16	18	20170116	16 U	130	130	210.5	--	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	16 U	28 J	28	107.45	--	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	17 U	1100	1100	1185.85	--	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	17 U	320	320	405.85	--	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	17 U	260	260	348.5	--	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	17 U	300	300	388.45	--	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	17 U	120	120	207.9	--	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	17 U	36 J	36	120.25	--	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	330 U	27000	27000	28695	--	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	17 U	200	200	284.2	--	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	170 U	5100	5100	5958.5	--	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	170 U	5700	5700	6547.5	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)						RADIONUCLIDES (PCI/G)							
					THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-228	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228
				Units	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-[illegible]	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-[illegible]	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-[illegible]	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-[illegible]	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

															SEMIVOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)			
SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	BIS(2-ETHYLHEXYL)PHTHALATE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE										VOLATILES (UG/KG)				
					BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	DIETHYL ETHER	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2-DICHLOROBENZENE
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	530000	NA
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	ACETONE	BENZENE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	METHYLENE CHLORIDE	NAPHTHALENE	SEC-BUTYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	STYRENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	NA	NA	
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1617-11-13-	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1617-11-13-	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1620-16-18-	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1620-16-18-	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--	NORMAL

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-...	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-...	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-...	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-...	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG) ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	0.44 U	1.1 J	7.9 J	2.7	0.059 J	12	5.3	11	--	3.8	--	0.022 U	0.055 U	19
E-SB-1728-12-14	E-SB-1728	12	14	20171108	0.55 U	1.5 J	11 J	2.3	0.07 J	15	5.6	13	--	4.7	--	0.021 U	0.067 U	21
E-SB-1728-14-16	E-SB-1728	14	16	20171108	0.39 U	1.2	11 J	1.7	0.023 J	11	5.4	3	--	2.8	--	0.023 U	0.12 J	14

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE															
																	MISCELLANEOUS	MISCELLANEOUS	PCBS (UG/KG)
					SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	PH	AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	PCBS (UG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1624-14-16-	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1624-14-16-	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	22 U
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	1200 U
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	220 U
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	23 U
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1725-16-18-	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1725-16-18-	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1728-10-12	E-SB-1728	10	12	20171108	0.31 U	0.058 U	0.21 J	--	--	--	--	--	--	16 J	50	--	5.5	21 U
E-SB-1728-12-14	E-SB-1728	12	14	20171108	0.39 U	0.072 U	0.17 J	--	--	--	--	--	--	21 J	36	--	5.4	21 U
E-SB-1728-14-16	E-SB-1728	14	16	20171108	0.28 U	0.051 U	0.2 J	--	--	--	--	--	--	14 J	20	--	5.2	20 U

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE					PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)					
					AROCLOR-1254	AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	7000	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	10000	10000	10000
E-SB-1623-10-12	E-SB-1623	10	12	20170117	17 U	26 J	26	111.3	--	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	17 U	21 U	0 U	94.7	--	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	16 U	21 U	0 U	92.1	--	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	16 U	21 U	0 U	94.2	--	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	17 U	21 U	0 U	95.25	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	16 U	21 U	0 U	93.2	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-	E-SB-1624	14	16	20170117	16 U	21 U	0 U	93.7	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-	E-SB-1624	14	16	20170117	16 U	21 U	0 U	94.2	--	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	17 U	22 U	0 U	95.8	--	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	18 U	23 U	0 U	102.5	--	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	17 U	21 U	0 U	95.25	--	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	16 U	21 U	0 U	93.2	--	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	17 U	22 U	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	17 U	21 U	0 U	95.25	--	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	1000 U	22000	22000	27190	--	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	180 U	9900	9900	10820	--	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	19 U	170	170	265.5	--	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	17 U	490	490	576.4	--	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	16 U	830 J	830	911.6	--	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	16 U	350	350	430.55	--	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	17 U	340	340	424.75	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18	E-SB-1725	16	18	20171108	17 U	28 J	28	113.3	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-	E-SB-1725	16	18	20171108	17 U	24.5	24.5	109.525	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-	E-SB-1725	16	18	20171108	17 U	21 J	21	105.75	--	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	17 U	61	61	146.3	--	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	15 U	20 U	0 U	87.9	--	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	16 U	21 U	0 U	92.6	--	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	17 U	22 U	0 U	96.85	--	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	15 U	20 U	0 U	87.9	--	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	16 U	130	130	210.55	--	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	16 U	21 U	0 U	92.6	--	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	17 U	27 J	27	111.75	--	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	16 U	730	730	812.65	--	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	16 U	21 U	0 U	92.6	--	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	17 U	45 J	45	130.85	--	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	17 U	22 U	0 U	96.85	--	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	16 U	67	67	149.65	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)						RADIONUCLIDES (PCI/G)							
					THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-228	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228
				Units	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

															SEMIVOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)			
SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	BIS(2-ETHYLHEXYL)PHTHALATE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE										VOLATILES (UG/KG)				
					BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	DIETHYL ETHER	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2-DICHLOROBENZENE
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	530000	NA
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	ACETONE	BENZENE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	METHYLENE CHLORIDE	NAPHTHALENE	SEC-BUTYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	STYRENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	NA	NA	
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1624-14-16-	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1624-14-16-	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1725-16-18-	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1725-16-18-	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--	NORMAL

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG) ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1728-16-18	E-SB-1728	16	18	20171108	2.2 U	2.7 J	15 J	2.2 J	0.095 U	18	9.6	11	--	5.6	--	0.019 U	0.27 U	22
E-SB-1728-18-20	E-SB-1728	18	20	20171108	0.44 U	1.1 J	12 J	2	0.031 J	13	6	15	--	3.9	--	0.018 U	0.072 J	30
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	1 U	2 J	10 J	6.9	0.05 J	15	8.1	8.2	--	4.2	--	0.021 U	0.23 J	26
E-SB-1732-12-14	E-SB-1732	12	14	20171108	0.52 U	1.6	10 J	0.89	0.023 U	20	3.6	6.3	--	7.3	--	0.022 U	0.064 U	10
E-SB-1732-14-16	E-SB-1732	14	16	20171108	1.1 U	5.5	16 J	5.3	0.086 J	30	31	15	--	9	--	0.023 U	0.14 U	60
E-SB-1732-16-18	E-SB-1732	16	18	20171108	0.47 U	3.2	17 J	4.4	0.021 U	25	15	10	--	5.3	--	0.021 U	0.16 J	59
E-SB-1732-18-20	E-SB-1732	18	20	20171108	0.56 U	1.4 U	15 J	2.7	0.025 U	24	8.6	6.9	--	4.3	--	0.021 U	0.19 J	40
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	0.56 UJ	3.1	15 J	3.1	0.024 J	17 J	9.1	14	--	6.7 J	--	0.019 U	0.16 J	29
E-SB-1736-12-14	E-SB-1736	12	14	20171110	0.48 UJ	3.7 J	13 J	3.2 J	0.039 J	15 J	8.4	12 J	--	7 J	--	0.023 U	0.29 J	27
E-SB-1736-14-16	E-SB-1736	14	16	20171110	0.44 UJ	2.1 J	9.8 J	1.4 J	0.031 J	12 J	4.8	9.7 J	--	4.6 J	--	0.022 U	0.16 J	14
E-SB-1736-16-18	E-SB-1736	16	18	20171110	0.48 UJ	4.3 J	11 J	1.7 J	0.048 J	17 J	8.2	18 J	--	9.6 J	--	0.021 U	0.25 J	24
E-SB-1736-18-20	E-SB-1736	18	20	20171110	0.57 UJ	3.2 J	23 J	2.5 J	0.11 J	26 J	16	21 J	--	8.6 J	--	0.022 U	0.12 J	51
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	0.55 UJ	2.3 J	9.2 J	0.45 U	0.052 J	7.5 J	1.7	5.2	--	4.5 J-	--	0.024 UJ	0.42 J	3.7 U
E-SB-1738-12-14	E-SB-1738	12	14	20171110	0.52 UJ	2.6 J	12 J	0.86 J	0.084 J	10 J	2.7	6.4	--	5 J-	--	0.025 UJ	0.45 J	6.5
E-SB-1738-14-16	E-SB-1738	14	16	20171110	0.52 UJ	3.5 J	18 J	1.7 J	0.15 J	14 J	6.2	9.8	--	7.4 J-	--	0.023 UJ	0.52 J	16
E-SB-1738-16-18	E-SB-1738	16	18	20171110	0.56 UJ	2 J	4.3 J	2.2 J	0.024 UJ	7.6 J	3.8	4.5	--	2.5 J-	--	0.025 UJ	0.15 J	11
E-SB-1738-18-20	E-SB-1738	18	20	20171110	0.53 UJ	2.9 J	7.2 J	2.8 J	0.023 UJ	19 J	5.7	34	--	5.2 J-	--	0.021 UJ	0.24 J	13
E-SB-1739-18-20	E-SB-1739	18	20	20171111	0.52 U	1.5 J	26	2.8	0.096 J	21	9.1	12 J	--	4.2	--	0.021 U	0.12 U	25
E-SB-1739-18-20-	E-SB-1739	18	20	20171111	0.47 U	1.8	30	3.25	0.108	22	11.05	17	--	5.25	--	0.0205 U	0.14	32
E-SB-1739-18-20-	E-SB-1739	18	20	20171111	0.42 U	2.1	34	3.7	0.12 J	23	13	22 J	--	6.3	--	0.02 U	0.22 J	39

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE												MISCELLANEOUS	MISCELLANEOUS	PCBS (UG/KG)
					SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	PH	AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	PCBS (UG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1728-16-18	E-SB-1728	16	18	20171108	1.5 U	0.28 U	0.15 J	--	--	--	--	--	--	39 J	79	--	5.4	200 U
E-SB-1728-18-20	E-SB-1728	18	20	20171108	0.31 U	0.057 U	0.23 J	--	--	--	--	--	--	26 J	22	--	5	170 U
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	210 U
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	1000 U
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1732-10-12	E-SB-1732	10	12	20171108	0.73 U	0.13 U	0.39 U	--	--	--	--	--	--	22	30	--	5.8	20 U
E-SB-1732-12-14	E-SB-1732	12	14	20171108	0.37 U	0.068 U	0.57 U	--	--	--	--	--	--	78 J	31	--	5.6	42 U
E-SB-1732-14-16	E-SB-1732	14	16	20171108	0.9 J	0.15 U	0.67 U	--	--	--	--	--	--	45	71	--	4.9	41 U
E-SB-1732-16-18	E-SB-1732	16	18	20171108	0.33 U	0.062 U	0.76 U	--	--	--	--	--	--	40 J	67	--	5.2	21 U
E-SB-1732-18-20	E-SB-1732	18	20	20171108	0.4 U	0.074 U	0.74 U	--	--	--	--	--	--	37 J	29	--	5.7	22 U
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	98000 U
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	400 U
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	99 U
E-SB-1735-16-18-	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	59.5 U
E-SB-1735-16-18-	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1736-10-12	E-SB-1736	10	12	20171110	0.39 U	0.073 U	0.56 U	--	--	--	--	--	--	26 J	51	--	5.7	21 U
E-SB-1736-12-14	E-SB-1736	12	14	20171110	0.34 UJ	0.063 UJ	0.49 U	--	--	--	--	--	--	26 J	46	--	5.6	19 U
E-SB-1736-14-16	E-SB-1736	14	16	20171110	0.32 UJ	0.058 UJ	0.31 U	--	--	--	--	--	--	21 J	27	--	5.3	20 U
E-SB-1736-16-18	E-SB-1736	16	18	20171110	0.34 UJ	0.064 UJ	0.47 U	--	--	--	--	--	--	36 J	48	--	5	4100 U
E-SB-1736-18-20	E-SB-1736	18	20	20171110	0.41 UJ	0.075 UJ	0.74 U	--	--	--	--	--	--	35 J	110	--	5	21 U
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	2000 U
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	420 U
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-1738-10-12	E-SB-1738	10	12	20171110	0.39 UJ	0.072 UJ	0.15 U	--	--	--	--	--	--	10 J-	14 J	--	7.6	43000 U
E-SB-1738-12-14	E-SB-1738	12	14	20171110	0.37 UJ	0.068 UJ	0.34 J	--	--	--	--	--	--	13 J-	20 J	--	7.2	21000 U
E-SB-1738-14-16	E-SB-1738	14	16	20171110	0.37 UJ	0.068 UJ	0.31 J	--	--	--	--	--	--	21 J-	41 J	--	8.1	20000 U
E-SB-1738-16-18	E-SB-1738	16	18	20171110	0.4 UJ	0.073 UJ	0.26 J	--	--	--	--	--	--	18 J-	27 J	--	5.2	22 U
E-SB-1738-18-20	E-SB-1738	18	20	20171110	0.5 J	0.069 UJ	0.27 J	--	--	--	--	--	--	31 J-	25 J	--	5.3	100 U
E-SB-1739-18-20	E-SB-1739	18	20	20171111	0.37 U	0.068 U	0.14 U	--	--	--	--	--	--	26	54	--	5.7	21 U
E-SB-1739-18-20-	E-SB-1739	18	20	20171111	0.335 U	0.062 U	0.125 U	--	--	--	--	--	--	30.5	67.5	--	5.65	21 U
E-SB-1739-18-20-	E-SB-1739	18	20	20171111	0.3 U	0.056 U	0.11 U	--	--	--	--	--	--	35	81	--	5.6	21 U

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE					PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)					
					AROCLOR-1254	AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	7000	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	10000	10000	10000
E-SB-1728-16-18	E-SB-1728	16	18	20171108	170 U	260 J	260	1107.5	--	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	140 U	180 U	0 U	799.5	--	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	16 U	20 U	0 U	90.5	--	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	170 U	3800	3800	4658.5	--	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	16 U	35 J	35	115.55	--	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	820 U	50000	50000	54165	--	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	16 U	170	170	250.55	--	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	17 U	1200	1200	1285.3	--	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	34 U	2700	2700	2874.5	--	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	34 U	1700	1700	1872.5	--	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	18 U	450	450	539	--	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	18 U	1300	1300	1392	--	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	17 U	21 U	0 U	94.75	--	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	81000 U	670000	670000	1083500	--	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	17 U	770	770	855.3	--	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	330 U	28000	28000	29675	--	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	17 U	1100	1100	1188.45	--	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	17 U	330	330	415.3	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	82 U	970 J	970	1386	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-	E-SB-1735	16	18	20171110	49 U	508	508	757.85	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-	E-SB-1735	16	18	20171110	16 U	46 J	46	129.7	--	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	17 U	28 J	28	112.75	--	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	17 U	22 U	0 U	96.85	--	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	16 U	21 U	0 U	91.6	--	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	16 U	21 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	3400 U	150000	150000	167050	--	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	17 U	130	130	215.85	--	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	17 U	510	510	595.85	--	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	1700 U	130000	130000	138530	--	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	350 U	21000	21000	22755	--	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	17 U	22 U	0 U	96.85	--	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	16 U	130 J	130	212.65	--	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	35000 U	1500000	1500000	1680000	--	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	17000 U	1500000	1500000	1587950	--	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	17000 U	970000	970000	1054250	--	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	18 U	630	630	722	--	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	86 U	4600	4600	5031.5	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	17 U	66	66	151.85	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-	E-SB-1739	18	20	20171111	17.5 U	88	88	175.425	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-	E-SB-1739	18	20	20171111	18 U	110	110	199	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)						RADIONUCLIDES (PCI/G)							
					THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-228	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228
				Units	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

													SEMIVOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)				
SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	BIS(2-ETHYLHEXYL)PHTHALATE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE										VOLATILES (UG/KG)				
					BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	DIETHYL ETHER	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2-DICHLOROBENZENE
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	530000	NA
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	ACETONE	BENZENE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	METHYLENE CHLORIDE	NAPHTHALENE	SEC-BUTYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	STYRENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	NA	NA	
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1735-16-18-	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1735-16-18-	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1739-18-20-	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1739-18-20-	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	NORMAL

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	85 U	85 U	85 U	85 U	85 U	85 U	85 U	85 U	85 U	85 U	85 U	85 U	85 U
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	260 J	220 J	86 U	350 J	280 J	230 J	280 J	230 J	310 J	420 J	250 J	1600 J	390 J
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG) ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1740-10-12	E-SB-1740	10	12	20171111	0.49 U	1.5	7.3 J	1.8	0.07 J	9.2	6.6	9.2	--	4.2	--	0.025 U	0.06 U	13
E-SB-1740-12-14	E-SB-1740	12	14	20171111	0.57 U	6.5	7.1 J	1.8	0.052 J	18	9.8	10	--	5.5	--	0.022 U	0.071 U	22
E-SB-1740-14-16	E-SB-1740	14	16	20171111	0.52 U	5.9	8.9 J	2.1	0.11 J	15	14	13	--	4.1	--	0.021 U	0.079 U	14
E-SB-1740-16-18	E-SB-1740	16	18	20171111	0.55 U	2.1	14 J	3.5	0.11 J	26	12	20	--	6.3	--	0.022 U	0.22 U	27
E-SB-1740-18-20	E-SB-1740	18	20	20171111	0.55 U	1.4 J	19 J	2.5	0.069 J	20	7.6	13	--	4.4	--	0.023 U	0.068 U	20
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	PH	AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	PCBS (UG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1740-10-12	E-SB-1740	10	12	20171111	0.35 U	0.065 U	0.13 U	--	--	--	--	--	--	26	25	--	5.2	20000 U
E-SB-1740-12-14	E-SB-1740	12	14	20171111	0.41 U	0.075 U	0.16 U	--	--	--	--	--	--	27	27	--	5.4	2000 U
E-SB-1740-14-16	E-SB-1740	14	16	20171111	0.37 U	0.068 U	0.14 U	--	--	--	--	--	--	21	38	--	5.6	42 U
E-SB-1740-16-18	E-SB-1740	16	18	20171111	0.39 U	0.072 U	0.15 U	--	--	--	--	--	--	38	52	--	5.3	95 U
E-SB-1740-18-20	E-SB-1740	18	20	20171111	0.39 U	0.072 U	0.15 U	--	--	--	--	--	--	24	40	--	5.5	210 U
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	23 U
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	23 U
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	22 U
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	1100 UJ
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	43 U
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	24 U
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	22 U
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	22 U

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE					PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)					
					AROCLOR-1254	AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	7000	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	10000	10000	10000
E-SB-1740-10-12	E-SB-1740	10	12	20171111	17000 U	1100000	1100000	1185300	--	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	1700 U	110000	110000	118475	--	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	35 U	2800	2800	2977	--	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	78 U	4800	4800	5194	--	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	170 U	16000	16000	16858	--	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	16 U	38 J	38	118.5	--	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	18 J	20 U	18	99.45	--	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	290	22 U	290	379.9	--	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	34 J	21 U	34	117.6	--	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	66	22 U	66	154.35	--	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	20 U	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	20 U	20 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	23 U	23 U	0 U	78	--	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	20 U	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	21 U	21 U	0 U	71	--	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	20 U	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	19 U	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	21 U	21 U	0 U	70.5	--	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	20 U	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	20 U	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	20 U	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	21 U	21 U	0 U	71	--	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	20 U	20 U	0 U	67	--	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	23 U	23 U	0 U	78	--	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	20 U	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	21 U	21 U	0 U	70	--	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	21 U	21 U	0 U	71	--	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	20 U	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	20 U	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	22 U	22 U	0 U	73.5	--	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	21 U	21 U	0 U	71	--	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	21 U	21 U	0 U	71	--	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	20 U	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	20 U	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	20 U	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	1100 UJ	15000 J	15000	18110	--	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	43 U	180 J	180	304.5	--	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	100 U	280	280	567.5	3800 J	54 U	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	24 U	61	61	130.5	--	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	22 U	40 J	40	103.5	--	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	22 U	22 UJ	0 U	74	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)						RADIONUCLIDES (PCI/G)							
					THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-228	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228
				Units	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

													SEMIVOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)				
SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	BIS(2-ETHYLHEXYL)PHTHALATE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE										VOLATILES (UG/KG)				
					BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	DIETHYL ETHER	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2-DICHLOROBENZENE
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	530000	NA
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	ACETONE	BENZENE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	METHYLENE CHLORIDE	NAPHTHALENE	SEC-BUTYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	STYRENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	NA	NA	
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--	NORMAL

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	84 U	84 U	84 U	84 U	84 U	84 U	84 U	84 U	84 U	84 U	84 U	84 U	84 U
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	150 J	250 J	120 J	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	88 U	88 U	88 U	88 U	88 U	88 U	88 U	88 U	88 U	88 U	88 U	88 U	88 U
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG) ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	PH	AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	PCBS (UG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	22 U
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	19.5 U
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	22 U
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	22 U
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	2000 U
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	210000 U
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	22 U
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	2000 U
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	210 U
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	20000 U
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	20000 U
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	100 U
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	22 U
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	110 U
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	22 U
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	22 U
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	20.5 U

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE					PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)					
					AROCLOR-1254	AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	7000	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	10000	10000	10000
E-SB-829-13	SB-829	13	13	20100917	21 U	33 J	33	93.5	--	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	21 U	21 UJ	0 U	71	--	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	20 U	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	20 U	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	20 U	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	22 U	33 J	33	96.5	--	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	21 U	21 U	0 U	71.5	--	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	20 U	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	20 U	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	20 U	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	19.5 U	19.5 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	19 U	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	21 U	21 U	0 U	71	--	--	--	--	--	--	--	--	--	--
E-SB-832-13	SB-832	13	13	20100917	22 U	22 U	0 U	74.5	--	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	22 U	33 J	33	96.5	--	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	2000 U	61000	61000	66750	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	210000 U	2000000	2000000	2605000	--	170000 J	--	--	200 U	200 U	200 U	200 U	200 U	--
E-SB-833B-10	SB-833B	10	10	20101012	100 U	750	750	1042.5	--	61 J	--	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--
E-SB-833C-10	SB-833C	10	10	20101012	21 U	27 J	27	87.5	--	--	--	--	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--
E-SB-833D-10	SB-833D	10	10	20101012	22 U	22 U	0 U	74.5	--	--	--	--	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	--
E-SB-833E-10	SB-833E	10	10	20101012	2000 U	27000	27000	32850	7600 J	55 U	--	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--
E-SB-833F-10	SB-833F	10	10	20101012	210 U	1000	1000	1610	--	--	--	--	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--
E-SB-833G-10	SB-833G	10	10	20101012	20 U	20 U	0 U	68	--	--	--	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--
E-SB-833H-10	SB-833H	10	10	20101012	21 U	21 U	0 U	71	--	--	--	--	4 U	4 U	4 U	4 U	4 U	--
E-SB-833I-10	SB-833I	10	10	20101013	20000 U	350000	350000	408000	--	--	--	--	39 U	39 U	39 U	176.765	155.12	--
E-SB-833J-10	SB-833J	10	10	20101013	21 U	180 J	180	240.5	--	--	--	--	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--
E-SB-833K-10	SB-833K	10	10	20101013	20000 U	270000	270000	327500	590000 K	76 J	--	--	39 U	39 U	39 U	141.775	120.13	--
E-SB-833M-10	SB-833M	10	10	20101013	20 U	73	73	131.5	--	--	--	--	4 U	4 U	4 U	4 U	4 U	--
E-SB-833N-10	SB-833N	10	10	20101014	100 U	430	430	726	--	--	--	--	16 U	16 U	16 U	16 U	16 U	--
E-SB-834-11	SB-834	11	11	20100916	22 U	32 J	32	95	--	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	110 U	350	350	675.5	--	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	22 U	27 J	27	91	--	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	20 U	20 U	0 U	67	--	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	21 U	190	190	249.5	--	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	20 U	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	20 U	20 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	22 U	26 J	26	89	--	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	20 U	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	20 U	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	21 U	53 J	53	113.5	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	20.5 U	181.5	181.5	240.75	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	200 U	200 U	200 U	200 U	200 U	68 U	200 U	200 U	200 U	460	200 U	200 U	460	--
E-SB-833B-10	SB-833B	10	10	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	65	3.9 U	3.9 U	65	--
E-SB-833C-10	SB-833C	10	10	20101012	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	1.4 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	0 U	--
E-SB-833D-10	SB-833D	10	10	20101012	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	1.4 U	4.3 U	4.3 U	4.3 U	19	4.3 U	4.3 U	19	--
E-SB-833E-10	SB-833E	10	10	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	0 U	--
E-SB-833F-10	SB-833F	10	10	20101012	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	1.4 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	0 U	--
E-SB-833G-10	SB-833G	10	10	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	0 U	--
E-SB-833H-10	SB-833H	10	10	20101012	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U	4 U	4 U	4 U	4 U	4 U	0 U	--
E-SB-833I-10	SB-833I	10	10	20101013	190	120	160	84	39 U	120	240	39 U	39 U	39 U	39 U	220	1134	--
E-SB-833J-10	SB-833J	10	10	20101013	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	1.4 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	0 U	--
E-SB-833K-10	SB-833K	10	10	20101013	220	85	130	39 U	39 U	130	370	39 U	39 U	39 U	190	270	1395	--
E-SB-833M-10	SB-833M	10	10	20101013	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U	4 U	4 U	4 U	4 U	4 U	0 U	--
E-SB-833N-10	SB-833N	10	10	20101014	16 U	16 U	16 U	16 U	16 U	5.4 U	140	16 U	16 U	16 U	16 U	70	210	--
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)						RADIONUCLIDES (PCI/G)							
					THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-228	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228
					RADIOCHEMISTRY	RADIOCHEMISTRY	RADIOCHEMISTRY	RADIOCHEMISTRY	RADIOCHEMISTRY	RADIOCHEMISTRY	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE										SEMIVOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)			
					THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	BIS(2-ETHYLHEXYL)PHTHALATE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE										VOLATILES (UG/KG)				
					BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	DIETHYL ETHER	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2-DICHLOROBENZENE
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	530000	NA
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	6800 U	140000	30 U	830000	6200 J
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	1.2 U	0.34 U	0.71 B	1.4 B	0.33 U
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	1 U	0.29 U	0.61 B	0.49 B	0.28 U
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	30 U	11 B	30 J	52 B	6.6 U
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	34 U	910 J	34 J	4700	110 J
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	35 U	150 J	0.15 U	720	42 J
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	1.1 U	0.32 U	0.14 U	0.67 B	0.6 J
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	1.2 U	19 J	0.15 U	96	5.3
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	580 U	11000 J	2.5 U	66000	430 J
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	32 U	89 J	33 J	520	7 U
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	190 U	5800	0.82 U	28000	180 J
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	1.1 U	0.33 U	0.68 B	0.68 B	0.31 U
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	1.2 U	1.4 B	0.16 U	5.9 J	0.33 U
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	ACETONE	BENZENE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	METHYLENE CHLORIDE	NAPHTHALENE	SEC-BUTYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	1700 U	1400 U	38000 J	28000 J	7500 U	30000 U	2100 U	2100 U	1100 U	1500 U	1200 U	13000 U	1200 U	820 U
E-SB-833B-10	SB-833B	10	10	20101012	0.31 U	0.62 U	0.32 U	0.6 U	1.3 U	7.3 B	0.21 U	0.4 U	0.3 U	0.26 U	0.33 U	0.61 U	0.17 U	0.16 U
E-SB-833C-10	SB-833C	10	10	20101012	0.26 U	0.53 U	0.27 U	0.51 U	1.1 U	4.8 U	0.18 U	0.34 U	0.25 U	0.22 U	0.28 U	0.51 U	0.15 U	0.14 U
E-SB-833D-10	SB-833D	10	10	20101012	7.6 U	6.2 U	3.7 U	8.2 J	33 U	240 B	9.1 U	9.1 U	4.9 U	6.7 U	5.3 U	59 U	5.1 U	3.6 U
E-SB-833E-10	SB-833E	10	10	20101012	8.6 U	7 U	4.1 U	140 J	37 U	260 J	10 U	10 U	5.5 U	7.6 U	5.9 U	66 U	5.8 U	4 U
E-SB-833F-10	SB-833F	10	10	20101012	9 U	7.4 U	4.3 U	58 J	39 U	260 J	11 U	11 U	5.8 U	7.9 U	6.2 U	69 U	6 U	4.2 U
E-SB-833G-10	SB-833G	10	10	20101012	0.29 U	0.58 U	4.3	18	1.2 U	15 B	0.34 J	0.37 U	170	0.24 U	0.3 U	0.56 U	0.16 U	0.15 U
E-SB-833H-10	SB-833H	10	10	20101012	0.3 U	0.62 U	5.9	9.9	1.3 U	6.6 B	0.21 U	0.39 U	2 J	0.26 U	0.57 J	0.6 U	0.17 U	0.16 U
E-SB-833I-10	SB-833I	10	10	20101013	150 U	120 U	3300 J	2300 J	640 U	3600 B	180 U	180 U	120 J	130 U	100 U	1100 U	99 U	70 U
E-SB-833J-10	SB-833J	10	10	20101013	8.1 U	6.7 U	18 J	20 J	35 U	200 B	9.7 U	9.7 U	5.2 U	7.1 U	5.6 U	62 U	5.4 U	3.8 U
E-SB-833K-10	SB-833K	10	10	20101013	51 J	39 U	23 U	250 J	210 U	1100 B	58 U	58 U	31 U	42 U	33 U	370 U	32 U	23 U
E-SB-833M-10	SB-833M	10	10	20101013	0.29 U	0.6 U	0.3 U	0.57 U	1.2 U	16 B	0.2 U	0.38 U	0.29 U	0.25 U	0.31 U	0.58 U	0.16 U	0.16 U
E-SB-833N-10	SB-833N	10	10	20101014	0.32 U	0.64 U	0.32 U	0.61 U	1.3 U	13 J	0.21 U	0.41 U	0.31 U	0.27 U	0.33 U	0.62 U	0.18 U	0.17 U
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	STYRENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	NA	NA	
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-833A-10	SB-833A	10	10	20101012	980 U	42000 UR	2100 U	3000 U	1400 U	1600 U	1700 U	2800 U	3100 U	NORMAL
E-SB-833B-10	SB-833B	10	10	20101012	0.14 U	6.9 UR	0.49 J	0.24 U	0.61 U	0.37 U	0.38 U	0.31 U	0.35 U	NORMAL
E-SB-833C-10	SB-833C	10	10	20101012	0.11 U	5.8 UR	0.4 U	0.21 U	0.51 U	0.31 U	0.32 U	0.26 U	0.3 U	NORMAL
E-SB-833D-10	SB-833D	10	10	20101012	4.3 U	310 J	9.1 U	13 U	6.2 U	7 U	7.4 U	12 U	14 U	NORMAL
E-SB-833E-10	SB-833E	10	10	20101012	4.8 U	210 UR	10 U	15 U	7 U	7.9 U	8.3 U	14 U	15 U	NORMAL
E-SB-833F-10	SB-833F	10	10	20101012	5 U	220 UR	11 U	15 U	7.3 U	8.3 U	8.7 U	14 U	16 U	NORMAL
E-SB-833G-10	SB-833G	10	10	20101012	0.13 U	6.4 UR	0.44 U	0.23 U	0.56 U	0.34 U	0.35 U	0.29 U	0.33 U	NORMAL
E-SB-833H-10	SB-833H	10	10	20101012	0.13 U	6.8 UR	2.2 J	0.24 U	0.6 U	0.37 U	0.59 J	0.3 U	0.35 U	NORMAL
E-SB-833I-10	SB-833I	10	10	20101013	83 U	3600 UR	180 U	270 J	120 U	140 U	140 U	240 U	270 U	NORMAL
E-SB-833J-10	SB-833J	10	10	20101013	4.5 U	620 J	9.7 U	16 J	6.6 U	7.5 U	7.9 U	13 U	15 U	NORMAL
E-SB-833K-10	SB-833K	10	10	20101013	27 U	1200 UR	58 U	82 U	39 U	44 U	47 U	77 U	87 U	NORMAL
E-SB-833M-10	SB-833M	10	10	20101013	0.13 U	6.6 UR	0.45 U	0.25 J	0.58 U	0.35 U	0.36 U	0.29 U	0.34 U	NORMAL
E-SB-833N-10	SB-833N	10	10	20101014	0.14 U	7 J	0.48 U	0.36 J	0.62 U	0.38 U	0.39 U	0.32 U	0.36 U	NORMAL
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	NORMAL

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG) ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	PH	AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	PCBS (UG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	99 U
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	20.5 U
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	21 U
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	110 U
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	22 U
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	22 U
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	0.88 U
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	0.87 U
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	0.93 U

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE					PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)					
					AROCLOR-1254	AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	7000	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	10000	10000	10000
E-SB-837-13-D	SB-837	13	13	20100917	20 U	310 J	310	368	--	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	20 U	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	20 U	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	20 U	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	21 U	21 U	0 U	71	--	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	20 U	20 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	21 U	51	51	111.5	--	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	20 U	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	19 U	19 U	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	99 U	240	240	524.5	--	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	21 U	21 U	0 U	70	--	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	20 U	20 U	0 U	67	--	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	20 U	670	670	728	--	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	20 U	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	20 U	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	20 U	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	20 U	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	20 U	20 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	21 U	62	62	121.5	--	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	21 U	21 U	0 U	71	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	20.5 U	20.5 U	0 U	69.75	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	20 U	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	21 U	21 U	0 U	70	--	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	20 U	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	20 U	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	21 U	170	170	231	--	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	20 U	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	20 U	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-845-13	SB-845	13	13	20100913	110 U	590	590	916.5	--	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	20 U	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	20 U	20 U	0 U	67	--	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	22 U	22 U	0 U	74	--	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	22 U	22 U	0 U	74.5	--	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	20 U	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	20 U	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	20 U	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	20 U	20 U	0 U	68.25	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	20 U	20 U	0 U	68	--	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	1.3 U	59	59	63.24	--	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	1.3 U	38	38	42.185	--	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	1.4 U	1.4 U	0 U	5.215	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)						RADIONUCLIDES (PCI/G)							
					THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-228	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228
				Units	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE										SEMIVOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)			
					THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	BIS(2-ETHYLHEXYL)PHTHALATE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE										VOLATILES (UG/KG)				
					BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	DIETHYL ETHER	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2-DICHLOROBENZENE
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	530000	NA
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	ACETONE	BENZENE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	METHYLENE CHLORIDE	NAPHTHALENE	SEC-BUTYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	STYRENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	NA	NA	
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--	NORMAL

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-13	BLI-SB-33	13	13	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-34-13	BLI-SB-34	13	13	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG) ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	0.21 J	7	13.7	4.1	0.0089 UL	25.5	21 J	15.2 J	26800 J	8.4 J	183	0.017 U	0.23	48.1 J
I-SB-33-13	BLI-SB-33	13	13	20100924	0.12 J	2.8	7.1	1.5	0.012 J	11.2	5.4	24.1	17000	2.8	128	0.018 U	0.3	12.3
I-SB-34-13	BLI-SB-34	13	13	20100924	0.2 J	3	20.7	6.2	0.016 J	21.4	7.4	6.1	21600	7.6	71.7	0.018 U	0.37	24.2
MRC-E-SB-1359-	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	PH	AROCLOR-1248
																MISCELLANEOUS	MISCELLANEOUS	PCBS (UG/KG)
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	PCBS (UG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	0.92 U
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	1 U
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	0.91 U
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	0.89 U
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	0.96 U
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	18 U
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	18 U
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	890 U
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	9 U
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	0.9 U
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	0.93 U
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	45 U
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	0.86 U
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	0.9 U
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	0.92 U
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	0.9 U
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	0.89 U
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	0.9 U
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	1 U
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	0.95 U
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	0.9 UL
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	0.93 U
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	0.97 U
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	0.91 U
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-984-10-12	E-SB-984	10	12	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	100000 U
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	9900 U
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	1000 U
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
I-SB-32-15	BLI-SB-32	15	15	20100928	5	0.018 U	0.053 B	--	--	--	--	--	--	51.2 J	40.9 J	--	--	--
I-SB-33-13	BLI-SB-33	13	13	20100924	0.91	0.02 U	0.028 B	--	--	--	--	--	--	18.1	25.8	--	--	21 U
I-SB-34-13	BLI-SB-34	13	13	20100924	3.3	0.034 J	0.073 B	--	--	--	--	--	--	26.7	34.5	--	--	21 U
MRC-E-SB-1359-	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE					PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)					
					AROCLOR-1254	AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	7000	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	10000	10000	10000
E-SB-849-20	SB-849	16	20	20110711	1.4 U	1.4 U	0 U	5.11	--	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	1.5 U	1.5 U	0 U	5.55	--	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	1.4 U	1.4 U	0 U	5.105	--	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	1.3 U	1.3 U	0 U	4.895	--	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	1.4 U	1.4 U	0 U	5.28	--	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	27 U	17000	17000	17087.5	--	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	27 U	15000	15000	15087.5	--	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	1300 U	780000	780000	784245	--	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	14 U	12000	12000	12043.5	--	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	1.4 U	480	480	484.35	--	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	1.4 U	300	300	304.515	--	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	68 U	16000	16000	16218	--	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	1.3 U	69 J	69	73.18	--	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	1.4 U	1.4 U	0 U	5.05	--	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	1.4 U	1.4 U	0 U	5.16	--	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	1.3 U	1.3 U	0 U	4.9	--	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	1.3 U	1.3 U	0 U	4.895	--	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	1.4 U	1.4 U	0 U	5.05	--	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	1.5 U	1.5 U	0 U	5.55	--	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	1.4 U	1.4 U	0 U	5.225	--	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	28 J	1.4 UL	28	32.3	--	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	1.4 U	1.4 U	0 U	5.215	--	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	21 J	1.5 U	21	25.735	--	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	38 J	1.4 U	38	42.405	--	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	20 U	20 U	0 U	67	--	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	20 U	20 U	0 U	67	--	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	20 U	20 U	0 U	67	--	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	20 U	20 U	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	20 U	20 U	0 U	68.5	--	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	100000 U	480000	480000	777500	--	--	200000 U	1000000	4 U	4 U	4 U	4 U	4 U	--
E-SB-984-12-14	E-SB-984	12	14	20120724	9900 U	120000	120000	148350	--	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	1000 U	10000	10000	12955	--	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	20 U	250	250	308.5	--	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	20 U	210	210	267	--	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	--	--	--	--	3200 UJ	75 J	--	--	--	--	--	--	--	--
I-SB-33-13	BLI-SB-33	13	13	20100924	21 U	21 U	0 U	71	4600 J	56 UJ	--	--	--	--	--	--	--	--
I-SB-34-13	BLI-SB-34	13	13	20100924	21 U	21 U	0 U	70	3400 UJ	56 U	--	--	--	--	--	--	--	--
MRC-E-SB-1359-	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U	4 U	4 U	4 UJ	4 U	4 U	--	--
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-13	BLI-SB-33	13	13	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-34-13	BLI-SB-34	13	13	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)						RADIONUCLIDES (PCI/G)							
					THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-228	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228
					RADIOCHEMISTRY	RADIOCHEMISTRY	RADIOCHEMISTRY	RADIOCHEMISTRY	RADIOCHEMISTRY	RADIOCHEMISTRY	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-13	BLI-SB-33	13	13	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-34-13	BLI-SB-34	13	13	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

													SEMIVOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)				
SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	BIS(2-ETHYLHEXYL)PHTHALATE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	--	--	--	--	--	--	--	--	--	--	35000 NJ	--	--	--
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	--	--	--	--	--	--	--	--	--	22 U	--	--	--	--
I-SB-33-13	BLI-SB-33	13	13	20100924	--	--	--	--	--	--	--	--	--	23 U	--	--	--	--
I-SB-34-13	BLI-SB-34	13	13	20100924	--	--	--	--	--	--	--	--	--	23 U	--	--	--	--
MRC-E-SB-1359-	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE										VOLATILES (UG/KG)				
					BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	DIETHYL ETHER	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2-DICHLOROBENZENE
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	530000	NA
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	--	--	660 NJ	--	--	1100 NJ	--	--	--	1200 U	47000 J	5.4 U	210000 J	2100 B
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	--	--	--	--	--	--	--	--	--	35 U	18 J	0.15 U	110 J	7.7 U
I-SB-33-13	BLI-SB-33	13	13	20100924	--	--	--	--	--	--	--	--	--	1.2 U	36	0.71 B	160	6.8
I-SB-34-13	BLI-SB-34	13	13	20100924	--	--	--	--	--	--	--	--	--	1 U	0.3 U	0.13 U	0.21 U	0.28 U
MRC-E-SB-1359-	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--	1 U	0.31 U	0.14 U	0.22 U	0.29 U
MRC-E-SB-1359-	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--	0.9 U	0.26 U	0.12 U	0.19 U	0.25 U
MRC-E-SB-1360-	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--	1.2 J	0.31 U	0.14 U	0.22 U	0.29 U
MRC-E-SB-1360-	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--	34 U	8.7 U	0.15 U	6.4 U	7.5 U

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	ACETONE	BENZENE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	METHYLENE CHLORIDE	NAPHTHALENE	SEC-BUTYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	320 U	260 U	200 J	2400 J	1400 U	5400 U	380 U	380 U	200 U	280 U	220 U	2500 U	470 J	150 U
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	390	7.4 U	4.3 U	13 J	39 U	150 U	11 U	11 U	280	7.9 U	6.2 U	69 U	6 U	4.2 U
I-SB-33-13	BLI-SB-33	13	13	20100924	0.31 U	0.63 U	0.32 U	7.6	1.3 U	5.7 U	0.21 U	0.4 U	0.3 U	0.26 U	0.33 U	0.61 U	0.17 U	0.16 U
I-SB-34-13	BLI-SB-34	13	13	20100924	0.27 U	0.54 U	0.28 U	0.52 U	1.1 U	5 U	0.18 U	0.35 U	0.26 U	0.23 U	0.28 U	0.53 U	0.15 U	0.14 U
MRC-E-SB-1359-	E-SB-1359	13	15	20140417	0.27 U	0.55 U	0.28 U	0.53 U	1.1 U	5.1 U	0.18 U	0.93 J	0.27 U	0.23 U	0.95 J	0.54 U	0.15 U	0.14 U
MRC-E-SB-1359-	E-SB-1359	18	20	20140417	0.24 U	0.48 U	0.24 U	0.46 U	0.97 U	4.4 U	0.16 U	0.85 J	0.23 U	0.2 U	4	0.46 U	0.13 U	0.12 U
MRC-E-SB-1360-	E-SB-1360	13	15	20140417	0.28 U	0.56 U	0.29 U	0.54 U	1.1 U	5.1 U	0.19 U	0.36 U	0.27 U	0.24 U	52	0.74 U	0.16 U	0.15 U
MRC-E-SB-1360-	E-SB-1360	18	20	20140417	8.7 U	7.2 U	4.2 U	7 U	38 U	150 U	10 U	10 U	5.6 U	7.7 U	230	67 U	5.9 U	4.1 U

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	STYRENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	NA	NA	
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-984-10-12	E-SB-984	10	12	20120724	180 U	7600 UR	530 J	540 U	260 J	290 U	310 U	510 U	570 U	NORMAL
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--	NORMAL
I-SB-32-15	BLI-SB-32	15	15	20100928	5 U	220 UR	11 U	15 U	7.3 U	8.3 U	8.7 U	14 U	16 U	NORMAL
I-SB-33-13	BLI-SB-33	13	13	20100924	0.21 J	6.9 UR	0.47 U	0.49 J	0.61 U	0.37 U	0.38 U	0.31 U	0.35 U	NORMAL
I-SB-34-13	BLI-SB-34	13	13	20100924	0.12 U	6 UR	0.41 U	0.21 J	0.53 U	0.32 U	0.33 U	3.5 J	0.31 U	NORMAL
MRC-E-SB-1359-	E-SB-1359	13	15	20140417	0.12 U	17 J	0.42 U	0.22 U	0.28 U	0.33 U	5.5	0.27 U	0.31 U	NORMAL
MRC-E-SB-1359-	E-SB-1359	18	20	20140417	0.1 U	5.3 U	0.36 U	0.19 U	0.24 U	0.28 U	26	0.24 U	0.27 U	NORMAL
MRC-E-SB-1360-	E-SB-1360	13	15	20140417	0.12 U	6.2 U	0.42 U	0.22 U	0.29 U	0.33 U	980 J	0.28 U	1.5 J	NORMAL
MRC-E-SB-1360-	E-SB-1360	18	20	20140417	8.3 U	210 U	10 U	15 U	5.4 U	8 U	520	14 U	16 U	NORMAL

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ALKYLATED PAHS (UG/KG)												
					C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MRC-E-SB-1361--	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361--	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-10	SB-001	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-10	SB-004	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-1012	SB-503	10	12	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-10	SB-005	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG) ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MRC-E-SB-1361-[illegible]	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-[illegible]	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-10	SB-001	10	10	20031120	3.4 UL	1.8 L	--	3.4 U	3.4 U	13 B	--	17	--	5	--	0.13 U	--	30
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	3.3 UL	0.87 L	--	3.3 U	3.3 U	3.3 UJ	--	3.3 U	--	3.3 U	--	0.13 U	--	3.3 U
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	3.3 UL	1.6 L	--	3.3 U	3.3 U	5.2 B	--	3.3 U	--	3.3 U	--	0.13 U	--	3.3 U
SB-4-10	SB-004	10	10	20031120	3.4 UL	2.4 L	--	3.4 U	3.4 U	14 B	--	15	--	4.4	--	0.14 U	--	8
SB-503-1012	SB-503	10	12	20071127	0.26 K	1.7	12.8	1.5	0.043 K	14.1 J	3.3	12.4 J	34200	5.8 J	69.9	0.02 U	0.22 B	12.1
SB-5-10	SB-005	10	10	20031120	3.4 UL	1.1 L	--	3.4 U	3.4 U	3.8 B	--	3.4 U	--	3.4 U	--	0.14 U	--	4.6
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	3.3 UL	2 L	--	3.3 U	3.3 U	22 J	--	14	--	7.1	--	0.13 U	--	21

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MISCELLANEOUS PERCENT SOLIDS	MISCELLANEOUS PH	PCBS (UG/KG) AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS	MISCELLANEOUS	PCBS (UG/KG)
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	S.U.	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MRC-E-SB-1361-[illegible]	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-[illegible]	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-10	SB-001	10	10	20031120	3.4 U	3.4 UR	2.7 U	--	--	--	--	--	--	--	76	74	--	67 U
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	74	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	77	--	--
SB-2-10	SB-002	10	10	20031120	3.3 U	3.3 UR	2.6 U	--	--	--	--	--	--	--	33 U	76	--	66 U
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	73	--	--
SB-3-10	SB-003	10	10	20031120	3.3 U	3.3 UR	2.6 U	--	--	--	--	--	--	--	33 U	76	--	66 U
SB-4-10	SB-004	10	10	20031120	3.4 U	3.4 UR	2.7 U	--	--	--	--	--	--	--	34 U	73	--	68 U
SB-503-1012	SB-503	10	12	20071127	0.8	0.1 K	0.056 K	--	--	--	--	--	--	17.4 J	17.5	84.3	--	39 U
SB-5-10	SB-005	10	10	20031120	3.4 U	3.4 UR	2.7 U	--	--	--	--	--	--	--	34 U	74	--	68 U
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	82	--	20 U
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	89	--	93 U
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	85	--	20 U
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	94	--	18 U
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	86	--	19 U
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	85	--	20 U
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	84	--	20 U
SB-6-10	SB-006	10	10	20031120	3.3 U	3.3 UR	2.7 U	--	--	--	--	--	--	--	33 U	75	--	66 U

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

										PETROLEUM HYDROCARBONS (UG/KG)				POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)					
SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1254	AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	7000	58000	58000	58000	NA	NA	NA	NA	NA	NA	NA	10000	10000	10000
MRC-E-SB-1361-[illegible]	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-[illegible]	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-10	SB-001	10	10	20031120	67 U	67 U	0 U	234.5	27000 U	130 U	--	--	450 U	450 U	450 U	450 U	450 U	17.6833
SB-19-10	SB-019	10	10	20031121	--	--	--	--	27000 U	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	26000 U	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	66 U	66 U	0 U	231	26000 U	130 U	--	--	440 U	440 U	440 U	440 U	440 U	33.522
SB-21-10	SB-021	10	10	20031120	--	--	--	--	27000 U	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	66 U	66 U	0 U	231	26000 U	4400	--	--	440 U	440 U	440 U	440 U	440 U	121.215
SB-4-10	SB-004	10	10	20031120	68 U	68 U	0 U	238	27000 U	140 U	--	--	450 U	450 U	450 U	450 U	450 U	57.3454
SB-503-1012	SB-503	10	12	20071127	39 U	39 U	0 U	136.5	--	--	--	1100 J	390 U	390 U	390 U	390 U	390 U	85.9587
SB-5-10	SB-005	10	10	20031120	68 U	68 U	0 U	238	27000 U	140 U	--	--	450 U	450 U	450 U	450 U	450 U	83.8569
SB-555A-10	SB-555A	10	10	20081111	20 U	20 U	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	93 U	710	710	989	--	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	20 U	38 J	38	98	--	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	20 U	20 U	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	20 U	20 U	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	18 U	34	34	88	--	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	19 U	19 U	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	20 U	20 U	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	20 U	20 U	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	66 U	66 U	0 U	231	27000 U	130 U	--	--	440 U	440 U	440 U	440 U	440 U	355.4

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MRC-E-SB-1361-[illegible]	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-[illegible]	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-10	SB-001	10	10	20031120	450 U	450 U	450 U	450 U	450 U	450 U	450 U	450 U	450 U	450 U	450 U	450 U	0 U	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	0 U	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	0 U	--
SB-4-10	SB-004	10	10	20031120	450 U	450 U	450 U	450 U	450 U	450 U	450 U	450 U	450 U	450 U	450 U	450 U	0 U	--
SB-503-1012	SB-503	10	12	20071127	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	0 U	--
SB-5-10	SB-005	10	10	20031120	450 U	450 U	450 U	450 U	450 U	450 U	450 U	450 U	450 U	450 U	450 U	450 U	0 U	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	0 U	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)						RADIONUCLIDES (PCI/G)							
					THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-228	BISMUTH-214	LEAD-212	LEAD-214	POTASSIUM-40	PROTACTINIUM-234M	RADIUM-226	RADIUM-228
				Units	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIOCHEMISTRY PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G	RADIONUCLIDES PCI/G
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MRC-E-SB-1361-	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-10	SB-001	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-10	SB-004	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-1012	SB-503	10	12	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-10	SB-005	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

																SEMIVOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)			
SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	BIS(2-ETHYLHEXYL)PHTHALATE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY
				Units	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MRC-E-SB-1361-[illegible]	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-[illegible]	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-10	SB-001	10	10	20031120	--	--	--	--	--	--	--	--	--	450 U	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	--	--	--	--	--	--	--	--	--	440 U	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	--	--	--	--	--	--	--	--	--	440 U	--	--	--	--
SB-4-10	SB-004	10	10	20031120	--	--	--	--	--	--	--	--	--	450 U	--	--	--	--
SB-503-1012	SB-503	10	12	20071127	--	--	--	--	--	--	--	--	--	390 U	--	--	--	--
SB-5-10	SB-005	10	10	20031120	--	--	--	--	--	--	--	--	--	450 U	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	--	--	--	--	--	--	--	--	--	440 U	--	--	--	--

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE										VOLATILES (UG/KG)				
					BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	DIETHYL ETHER	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,2-TRICHLOROTRIFLUOROETHANE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2-DICHLOROBENZENE
					TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	530000	NA
MRC-E-SB-1361-[illegible]	E-SB-1361	13	15	20140416	350 NJ	--	--	--	--	--	--	--	--	41 U	11 U	0.18 U	7.7 U	9.1 U
MRC-E-SB-1361-[illegible]	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--	34 U	8.7 U	0.15 U	6.3 U	7.4 U
SB-1-10	SB-001	10	10	20031120	--	--	--	--	--	--	--	--	--	--	7 U	--	7 U	7 U
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	--	--	--	--	--	--	--	--	--	--	7 U	--	7 U	7 U
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	--	--	--	--	--	--	--	--	--	--	7 U	--	7 U	7 U
SB-4-10	SB-004	10	10	20031120	--	--	--	--	--	--	--	--	--	--	7 U	--	7 U	7 U
SB-503-1012	SB-503	10	12	20071127	--	--	--	--	--	--	--	--	--	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-5-10	SB-005	10	10	20031120	--	--	--	--	--	--	--	--	--	--	7 U	--	7 U	7 U
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	--	--	--	--	--	--	--	--	--	--	7 U	--	7 U	7 U

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	ACETONE	BENZENE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	METHYLENE CHLORIDE	NAPHTHALENE	SEC-BUTYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MRC-E-SB-1361-[illegible]	E-SB-1361	13	15	20140416	11 U	8.7 U	5.1 U	8.5 U	46 U	180 U	13 U	13 U	6.8 U	9.3 U	17 J	91 U	19 J	5 U
MRC-E-SB-1361-[illegible]	E-SB-1361	18	20	20140416	8.7 U	7.1 U	4.2 U	6.9 U	37 U	150 U	10 U	10 U	5.5 U	7.6 U	19 J	67 U	5.8 U	4.1 U
SB-1-10	SB-001	10	10	20031120	7 U	7 U	7 U	7 U	67 U	67 UJ	7 U	7 U	7 U	7 U	7 U	9 J	7 U	7 U
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	1 U	--	--	--	--	--	1 U	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	1 U	--	--	--	--	--	1 U	--
SB-2-10	SB-002	10	10	20031120	7 U	7 U	7 U	7 U	66 U	11 J	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	6	--	--	--	--	--	1 U	--
SB-3-10	SB-003	10	10	20031120	7 U	7 U	7 U	7 U	66 U	66 UJ	7 U	7 U	7 U	7 U	7 U	11 J	7 U	7 U
SB-4-10	SB-004	10	10	20031120	7 U	7 U	7 U	7 U	68 U	15 J	7 U	7 U	7 U	7 U	7 U	11 J	7 U	7 U
SB-503-1012	SB-503	10	12	20071127	5.9 U	5.9 U	5.9 U	5.9 U	12 U	45 J	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	2.7 B	5.9 U	5.9 U
SB-5-10	SB-005	10	10	20031120	7 U	7 U	7 U	7 U	68 U	7 J	7 U	7 U	7 U	7 U	7 U	10 J	7 U	7 U
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	7 U	7 U	7 U	7 U	66 U	66 UJ	7 U	7 U	7 U	7 U	7 U	10 J	7 U	7 U

TABLE D-4
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (11-20 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	STYRENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
				Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
				Risk Based PRG for IND Cleanup	NA	NA	NA	NA	NA	NA	3900	NA	NA	
MRC-E-SB-1361--	E-SB-1361	13	15	20140416	5.9 U	250 UJ	13 U	18 U	6.6 U	9.8 U	1400 J	17 U	19 U	NORMAL
MRC-E-SB-1361--	E-SB-1361	18	20	20140416	4.8 U	210 UJ	10 U	15 U	5.4 U	8 U	6300	14 U	16 U	NORMAL
SB-1-10	SB-001	10	10	20031120	7 U	--	7 U	7 U	--	7 U	7 U	7 U	7 U	NORMAL
SB-19-10	SB-019	10	10	20031121	--	--	--	1 U	1 U	--	--	--	--	NORMAL
SB-20-10	SB-020	10	10	20031120	--	--	--	1 U	1 U	--	--	--	--	NORMAL
SB-2-10	SB-002	10	10	20031120	7 U	--	7 U	7 U	--	7 U	7 U	7 U	7 U	NORMAL
SB-21-10	SB-021	10	10	20031120	--	--	--	1 U	1 U	--	--	--	--	NORMAL
SB-3-10	SB-003	10	10	20031120	7 U	--	7 U	7 U	--	7 U	7 U	7 U	7 U	NORMAL
SB-4-10	SB-004	10	10	20031120	7 U	--	7 U	7 U	--	7 U	7 U	7 U	7 U	NORMAL
SB-503-1012	SB-503	10	12	20071127	5.9 U	120 UR	5.9 U	5.9 U	12 U	5.9 U	5.9 U	5.9 U	5.9 U	NORMAL
SB-5-10	SB-005	10	10	20031120	7 U	--	7 U	7 U	--	7 U	7 U	7 U	7 U	NORMAL
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	NORMAL
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--	NORMAL
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--	NORMAL
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--	NORMAL
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	NORMAL
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	NORMAL
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--	NORMAL
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--	NORMAL
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--	NORMAL
SB-6-10	SB-006	10	10	20031120	7 U	--	7 U	7 U	--	7 U	7 U	7 U	7 U	NORMAL

Notes:
FT BGS - feet below ground surface
mg/kg - milligrams per kilogram
ug/kg - micrograms per kilogram
PRG for IND - Preliminary Remediation Goal for Industrial Cleanup
PCB - polychlorinated biphenyl
PAH - polycyclic aromatic hydrocarbon
U - analyte was not detected above laboratory detection limit
J - estimated concentration
NA - sample not analyzed, or cleanup goal not available, for given parameter
BAP - benzo(a)pyrene
TCLP - Toxicity Characteristics Leaching Procedure
HALFND - value calculated using half the non-detect results
POS - value calculated using only the positive detections
UCL - upper confidence limit

TABLE D-5
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (20-30 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

LOCATION		E-CB-11A			E-CB-11B		E-CB-13			E-CB-2			E-SB-1359		E-SB-1360	
SAMPLE ID		E-CB-11A-22-24	E-CB-11A-26-28	E-CB-11B-22-24	E-CB-11B-26-28	E-CB-11B-28-30	E-CB-13-22-24	E-CB-13-24-26	E-CB-13-28-30	E-CB-2-22-24	E-CB-2-26-28	E-CB-2-28-30	MRC-E-SB-1359-25	MRC-E-SB-1359-28	MRC-E-SB-1360-25	MRC-E-SB-1360-28
SAMPLE DATE		20120720	20120720	20120719	20120719	20120719	20120720	20120720	20120720	20120719	20120719	20120719	20140417	20140417	20140417	20140417
SAMPLE CODE	PRG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX		SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX		SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
TOP DEPTH (FT BGS)		22	26	22	26	28	22	24	28	22	26	28	23	26	23	26
BOTTOM DEPTH (FT BGS)		24	28	24	28	30	24	26	30	24	28	30	25	28	25	28
VOLATILES (UG/KG)																
CIS-1,2-DICHLOROETHENE	NC	NA	NA	NA	NA	0.41 U	0.57 U	NA	NA	NA	0.33 U	NA	1.4 J	0.34 U	3 J	70 J
TRICHLOROETHENE	3900	NA	NA	NA	NA	0.48 U	0.66 U	NA	NA	NA	0.38 U	NA	9.7	0.89 J	1000 J	9300
TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)																
BENZENEETHANAMINE, N-[(PENTAFLUOROPHENYL	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)																
ACENAPHTHENE	NC	NA	NA	NA	NA	3.9 U	3.6 U	NA	NA	NA	3.7 U	NA	NA	NA	NA	NA
ACENAPHTHYLENE	NC	NA	NA	NA	NA	3.9 U	3.6 U	NA	NA	NA	3.7 U	NA	NA	NA	NA	NA
ANTHRACENE	NC	NA	NA	NA	NA	3.9 U	3.6 U	NA	NA	NA	3.7 U	NA	NA	NA	NA	NA
BAP EQUIVALENT-HALFND	10000	NA	NA	NA	NA	3.9 U	3.6 U	NA	NA	NA	3.7 U	NA	NA	NA	NA	NA
BAP EQUIVALENT-POS	10000	NA	NA	NA	NA	3.9 U	3.6 U	NA	NA	NA	3.7 U	NA	NA	NA	NA	NA
BENZO(A)ANTHRACENE	NC	NA	NA	NA	NA	3.9 U	3.6 U	NA	NA	NA	3.7 U	NA	NA	NA	NA	NA
BENZO(A)PYRENE	NC	NA	NA	NA	NA	3.9 U	3.6 U	NA	NA	NA	3.7 U	NA	NA	NA	NA	NA
BENZO(B)FLUORANTHENE	NC	NA	NA	NA	NA	3.9 U	3.6 U	NA	NA	NA	3.7 U	NA	NA	NA	NA	NA
BENZO(G,H,I)PERYLENE	NC	NA	NA	NA	NA	3.9 U	3.6 U	NA	NA	NA	3.7 U	NA	NA	NA	NA	NA
BENZO(K)FLUORANTHENE	NC	NA	NA	NA	NA	3.9 U	3.6 U	NA	NA	NA	3.7 U	NA	NA	NA	NA	NA
CHRYSENE	NC	NA	NA	NA	NA	1.3 U	1.2 U	NA	NA	NA	1.2 U	NA	NA	NA	NA	NA
DIBENZO(A,H)ANTHRACENE	NC	NA	NA	NA	NA	3.9 U	3.6 U	NA	NA	NA	3.7 U	NA	NA	NA	NA	NA
FLUORANTHENE	NC	NA	NA	NA	NA	3.9 U	3.6 U	NA	NA	NA	3.7 U	NA	NA	NA	NA	NA
FLUORENE	NC	NA	NA	NA	NA	3.9 U	3.6 U	NA	NA	NA	3.7 U	NA	NA	NA	NA	NA
INDENO(1,2,3-CD)PYRENE	NC	NA	NA	NA	NA	3.9 U	3.6 U	NA	NA	NA	3.7 U	NA	NA	NA	NA	NA
NAPHTHALENE	NC	NA	NA	NA	NA	3.9 U	3.6 U	NA	NA	NA	3.7 U	NA	NA	NA	NA	NA
PHENANTHRENE	NC	NA	NA	NA	NA	3.9 U	3.6 U	NA	NA	NA	3.7 U	NA	NA	NA	NA	NA
PYRENE	NC	NA	NA	NA	NA	3.9 U	3.6 U	NA	NA	NA	3.7 U	NA	NA	NA	NA	NA
PCBS (UG/KG)																
AROCLOR-1254	7000	19 U	20 U	20 U	19 U	20 U	19 U	25 U	20 U	19 U	19 U	19 U	NA	NA	NA	NA
AROCLOR-1260	58000	19 U	20 U	20 U	19 U	20 U	19 U	25 U	20 U	19 U	19 U	19 U	NA	NA	NA	NA
TOTAL AROCLOR	58000	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	NA	NA	NA	NA
TOTAL AROCLOR HALFND	58000	65	66.5	68.5	65	68	64	85	68	64.5	63.5	65	NA	NA	NA	NA
METALS (MG/KG)																
ARSENIC	NC	NA	NA	NA	NA	1.1 J	3.7	NA	NA	NA	0.53 J	NA	NA	NA	NA	NA
BARIUM	NC	NA	NA	NA	NA	13 J	13 J	NA	NA	NA	12 J	NA	NA	NA	NA	NA
BERYLLIUM	NC	NA	NA	NA	NA	1.7	5.5	NA	NA	NA	1	NA	NA	NA	NA	NA
CADMIUM	NC	NA	NA	NA	NA	0.042 U	0.19 U	NA	NA	NA	0.028 U	NA	NA	NA	NA	NA
CHROMIUM	NC	NA	NA	NA	NA	16	22	NA	NA	NA	17	NA	NA	NA	NA	NA
COBALT	NC	NA	NA	NA	NA	9.3	20	NA	NA	NA	4	NA	NA	NA	NA	NA
COPPER	NC	NA	NA	NA	NA	11	16	NA	NA	NA	3	NA	NA	NA	NA	NA
LEAD	NC	NA	NA	NA	NA	3.2	11	NA	NA	NA	2.8	NA	NA	NA	NA	NA
MERCURY	NC	NA	NA	NA	NA	0.015 U	0.018 U	NA	NA	NA	0.016 U	NA	NA	NA	NA	NA
MOLYBDENUM	NC	NA	NA	NA	NA	0.31 U	0.29 U	NA	NA	NA	0.44 J	NA	NA	NA	NA	NA
NICKEL	NC	NA	NA	NA	NA	24	62	NA	NA	NA	13	NA	NA	NA	NA	NA
SELENIUM	NC	NA	NA	NA	NA	0.52 U	0.56 J	NA	NA	NA	0.35 U	NA	NA	NA	NA	NA
SILVER	NC	NA	NA	NA	NA	0.12 U	0.22 J	NA	NA	NA	0.087 J	NA	NA	NA	NA	NA
THALLIUM	NC	NA	NA	NA	NA	0.64 U	0.59 U	NA	NA	NA	0.43 U	NA	NA	NA	NA	NA
VANADIUM	NC	NA	NA	NA	NA	20	67	NA	NA	NA	13	NA	NA	NA	NA	NA
ZINC	NC	NA	NA	NA	NA	21	75	NA	NA	NA	8.4	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (S.U.)																
PH	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE D-5
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (20-30 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

LOCATION		E-SB-1361		E-SB-1421	E-SB-1424			E-SB-1427	E-SB-1471	E-SB-1472	E-SB-1586			E-SB-1587	E-SB-1588	E-SB-1590
SAMPLE ID		MRC-E-SB-1361-25	MRC-E-SB-1361-30	E-SB-1421-22-23	E-SB-1424-25-26	E-SB-1424-25-26-AVG	E-SB-1424-25-26-D	E-SB-1427-28-29	E-SB-1471-20-24	E-SB-1472-20-24	E-SB-1586-20-22	E-SB-1586-20-22-AVG	E-SB-1586-20-22-D	E-SB-1587-20-22	E-SB-1588-20-22	E-SB-1590-20-22
SAMPLE DATE		20140416	20140416	20160308	20160309	20160309	20160309	20160309	20160329	20160330	20170207	20170207	20170207	20170207	20170206	20170207
SAMPLE CODE	PRG	NORMAL	NORMAL	NORMAL	ORIG	AVG	DUP	NORMAL	NORMAL	NORMAL	ORIG	AVG	DUP	NORMAL	NORMAL	NORMAL
MATRIX		SO	SO	SOP	SOP	SOP	SOP	SOP	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX		SB	SB	NA	NA	NA	NA	NA	NA	NA	SB	SB	SB	SB	SB	SB
TOP DEPTH (FT BGS)		23	28	22	25	25	25	28	20	20	20	20	20	20	20	20
BOTTOM DEPTH (FT BGS)		25	30	23	26	26	26	29	24	24	22	22	22	22	22	22
VOLATILES (UG/KG)																
CIS-1,2-DICHLOROETHENE	NC	43 J	42 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	3900	6500	5700 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)																
BENZENEETHANAMINE, N-[(PENTAFLUOROPHENYL	NC	NA	270 NJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)																
ACENAPHTHENE	NC	NA	NA	180	120 J	67	14 J	16	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHYLENE	NC	NA	NA	16	7.8 J	4.01	0.44 U	11	NA	NA	NA	NA	NA	NA	NA	NA
ANTHRACENE	NC	NA	NA	240	170 J	97	24 J	38	NA	NA	NA	NA	NA	NA	NA	NA
BAP EQUIVALENT-HALFND	10000	NA	NA	668.315	558.56	371.915	185.27	222.42	NA	NA	NA	NA	NA	NA	NA	NA
BAP EQUIVALENT-POS	10000	NA	NA	667.91	558.16	371.715	185.27	222.01	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(A)ANTHRACENE	NC	NA	NA	560	440 J	280	120 J	140	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(A)PYRENE	NC	NA	NA	510	420 J	270	120 J	170	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(B)FLUORANTHENE	NC	NA	NA	750	740 J	465	190 J	310	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(G,H,I)PERYLENE	NC	NA	NA	230	160	135	110	55	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(K)FLUORANTHENE	NC	NA	NA	330	270 J	166.5	63 J	110	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	NC	NA	NA	610	460 J	300	140 J	210	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZO(A,H)ANTHRACENE	NC	NA	NA	0.81 U	0.8 U	12.7	25	0.82 U	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	NC	NA	NA	1200	970 J	610	250 J	270	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	NC	NA	NA	260	110 J	61	12 J	17	NA	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-CD)PYRENE	NC	NA	NA	230	170 J	127.5	85 J	57	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	NC	NA	NA	900	54 J	32	10 J	11	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	NC	NA	NA	1100	780 J	450	120 J	140	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	NC	NA	NA	920	790 J	500	210 J	260	NA	NA	NA	NA	NA	NA	NA	NA
PCBS (UG/KG)																
AROCLOR-1254	7000	NA	NA	17 U	17 U	17.5 U	18 U	17 U	160 U	17 U	160 U	88.5 U	17 U	810 U	17 U	170 U
AROCLOR-1260	58000	NA	NA	24 J	250 J	175	100 J	200	2200	580	5500 J	3050	600 J	36000	670	4200
TOTAL AROCLOR	58000	NA	NA	24	250	175	100	200	2200	580	5500	3050	600	36000	670	4200
TOTAL AROCLOR HALFND	58000	NA	NA	86.3	313.9	239.95	166	264.45	2806.5	644.45	6294.5	3490.95	687.4	40145	757.4	5079.5
METALS (MG/KG)																
ARSENIC	NC	NA	NA	3.2	2.6 J	2.7	2.8 J	2 J	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM	NC	NA	NA	40 J	29 J	28	27 J	21 J	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM	NC	NA	NA	0.23 J	0.23 J	0.29	0.35 J	0.14 J	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM	NC	NA	NA	13 J	12 J	11.5	11 J	13 J	NA	NA	NA	NA	NA	NA	NA	NA
COBALT	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD	NC	NA	NA	47 J	17 J	18.5	20 J	8.5 J	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY	NC	NA	NA	0.24 J	0.18	0.1175	0.11 U	0.076 U	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SELENIUM	NC	NA	NA	0.3 U	0.38 UJ	0.385 U	0.39 UJ	0.39 UJ	NA	NA	NA	NA	NA	NA	NA	NA
SILVER	NC	NA	NA	0.056 U	0.07 UJ	0.071 U	0.072 UJ	0.072 UJ	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (S.U.)																
PH	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE D-5
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (20-30 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

LOCATION		E-SB-1592	E-SB-1597		E-SB-1607	E-SB-1724					E-SB-1725					E-SB-1727
SAMPLE ID		E-SB-1592-20-22	E-SB-1597-20-22	E-SB-1597-22-24	E-SB-1607-20-22	E-SB-1724-20-22	E-SB-1724-22-24	E-SB-1724-24-26	E-SB-1724-26-28	E-SB-1724-28-30	E-SB-1725-20-22	E-SB-1725-22-24	E-SB-1725-24-26	E-SB-1725-26-28	E-SB-1725-28-30	E-SB-1727-20-22
SAMPLE DATE		20170131	20170111	20170111	20170112	20171107	20171107	20171107	20171107	20171107	20171108	20171108	20171108	20171108	20171108	20171108
SAMPLE CODE	PRG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX		SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX		SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
TOP DEPTH (FT BGS)		20	20	22	20	20	22	24	26	28	20	22	24	26	28	20
BOTTOM DEPTH (FT BGS)		22	22	24	22	22	24	26	28	30	22	24	26	28	30	22
VOLATILES (UG/KG)																
CIS-1,2-DICHLOROETHENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	3900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)																
BENZENEETHANAMINE, N-[(PENTAFLUOROPHENYL	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)																
ACENAPHTHENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHYLENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTHRACENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BAP EQUIVALENT-HALFND	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BAP EQUIVALENT-POS	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(A)ANTHRACENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(A)PYRENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(B)FLUORANTHENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(G,H,I)PERYLENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(K)FLUORANTHENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZO(A,H)ANTHRACENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-CD)PYRENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBS (UG/KG)																
AROCLOR-1254	7000	80 UJ	830 U	16 U	16 U	17 U	17 U	15 U	17 U	16 U	15 U	17 U	17 U	16 U	16 U	16 U
AROCLOR-1260	58000	2500 J	44000	130	20 U	22 U	21 U	20 U	21 U	21 U	710	260	88	600	220	56 J
TOTAL AROCLOR	58000	2500	44000	130	0 U	0 U	0 U	0 U	0 U	0 U	710	260	88	600	220	56
TOTAL AROCLOR HALFND	58000	2903	48230	210.5	89.45	97.4	94.75	88.45	95.3	92.6	787.9	345.85	173.85	682.65	300.55	136.55
METALS (MG/KG)																
ARSENIC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SELENIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SILVER	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (S.U.)																
PH	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE D-5
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (20-30 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

LOCATION		E-SB-1732	E-SB-1735	E-SB-1736				E-SB-1738	E-SB-1739					E-SB-1740	E-SB-983	
SAMPLE ID		E-SB-1732-20-22	E-SB-1735-20-22	E-SB-1736-20-22	E-SB-1736-22-24	E-SB-1736-22-24-AVG	E-SB-1736-22-24-D	E-SB-1738-20-22	E-SB-1739-20-22	E-SB-1739-22-24	E-SB-1739-24-26	E-SB-1739-26-28	E-SB-1739-28-30	E-SB-1740-20-22	E-SB-983-22-24	E-SB-983-26-28
SAMPLE DATE		20171108	20171110	20171110	20171110	20171110	20171110	20171110	20171111	20171111	20171111	20171111	20171111	20171111	20120719	20120719
SAMPLE CODE	PRG	NORMAL	NORMAL	NORMAL	ORIG	AVG	DUP	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX		SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX		SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
TOP DEPTH (FT BGS)		20	20	20	22	22	22	20	20	22	24	26	28	20	22	26
BOTTOM DEPTH (FT BGS)		22	22	22	24	24	24	22	22	24	26	28	30	22	24	28
VOLATILES (UG/KG)																
CIS-1,2-DICHLOROETHENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	3900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)																
BENZENEETHANAMINE, N-[(PENTAFLUOROPHENYL	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)																
ACENAPHTHENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHYLENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTHRACENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BAP EQUIVALENT-HALFND	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BAP EQUIVALENT-POS	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(A)ANTHRACENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(A)PYRENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(B)FLUORANTHENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(G,H,I)PERYLENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(K)FLUORANTHENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZO(A,H)ANTHRACENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-CD)PYRENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBS (UG/KG)																
AROCLOR-1254	7000	16 U	83 U	17 U	170 U	94 U	18 U	16 U	17 U	16 U	17 U	17 U	16 U	17 U	20 U	20 U
AROCLOR-1260	58000	350	1600	88 J	210 U	212.5	320	1200	1300	120	52 J	27 J	21 U	970	20 U	20 U
TOTAL AROCLOR	58000	350	1600	88	0 U	160	320	1200	1300	120	52	27	0 U	970	0 U	0 U
TOTAL AROCLOR HALFND	58000	432.65	2022.5	175.4	947.5	678.5	409.5	1280.6	1388.45	202.65	138.4	111.75	93.15	1054.2	68.5	66.5
METALS (MG/KG)																
ARSENIC	NC	1.4 U	NA	3.5 J	4.7 J	5.1	5.5 J	2.9 J	2.2	3	2.5	1.8	1.4 J	3.6	NA	NA
BARIUM	NC	14 J	NA	27	18 J	19	20 J	11 J	21	16 J	13 J	14 J	11 J	17 J	NA	NA
BERYLLIUM	NC	2.3	NA	6.6 J	2.8 J	3.1	3.4 J	2.8 J	4.2	4.9	4	2.7	1.9	5.7	NA	NA
CADMIUM	NC	0.022 U	NA	0.24 J	0.14 J	0.1165	0.093 J	0.023 UJ	0.15 J	0.13 J	0.084 J	0.065 J	0.053 J	0.11 J	NA	NA
CHROMIUM	NC	19	NA	26 J	28 J	28.5	29 J	30 J	27	25	19	18	14	25	NA	NA
COBALT	NC	7.2	NA	29	22	24.5	27	7.8	13	14	12	9.4	6.5	16	NA	NA
COPPER	NC	7.6	NA	9 J	11 J	12	13 J	40	27	13	11	8.1	11	13	NA	NA
LEAD	NC	7.1	NA	9.6 J	7.5 J	9.25	11 J	4.9 J-	6	7.5	6	5	4.7	6.9	NA	NA
MERCURY	NC	0.022 U	NA	0.023 U	0.023 U	0.0245 U	0.026 U	0.02 UJ	0.023 U	0.019 U	0.021 U	0.022 U	0.022 U	0.023 U	NA	NA
MOLYBDENUM	NC	0.15 J	NA	0.2 J	0.31 J	0.325	0.34 J	0.13 J	0.26 J	0.43 J	0.29 J	0.16 J	0.16 J	0.39 U	NA	NA
NICKEL	NC	25	NA	82	71	77.5	84	30	39	42	33	24	17	47	NA	NA
SELENIUM	NC	0.36 U	NA	0.32 UJ	0.32 UJ	0.36 U	0.4 UJ	0.37 UJ	0.36 U	0.39 U	0.32 U	0.4 U	0.37 U	0.39 U	NA	NA
SILVER	NC	0.066 U	NA	0.059 UJ	0.059 UJ	0.067 U	0.075 UJ	0.068 UJ	0.067 U	0.072 U	0.059 U	0.073 U	0.068 U	0.072 U	NA	NA
THALLIUM	NC	0.51 U	NA	0.51 U	0.61 U	0.705 U	0.8 U	0.29 J	0.14 U	0.15 U	0.12 U	0.15 U	0.14 U	0.15 U	NA	NA
VANADIUM	NC	25 J	NA	42 J	49 J	57.5	66 J	49 J-	41	42	35	28	21	48	NA	NA
ZINC	NC	22	NA	190	110	115	120	38 J	84	79	57	39	27	77	NA	NA
MISCELLANEOUS PARAMETERS (S.U.)																
PH	NC	5.6	NA	4.7	5.3	5.55	5.8	5.7	5.6	5.5	5.7	5.6	5.6	5.6	NA	NA

TABLE D-5
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (20-30 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

LOCATION		E-SB-984		SB-848			SB-849		SB-850			SB-851	SB-852				SB-853	
SAMPLE ID		E-SB-984-22-24	E-SB-984-26-28	E-SB-848-24	E-SB-848-28	E-SB-848-30	E-SB-849-28	E-SB-850-24	E-SB-850-28	E-SB-850-30	E-SB-851-28	E-SB-852-24	E-SB-852-28	E-SB-852-30	E-SB-853-20-24	E-SB-853-24-28
SAMPLE DATE		20120724	20120724	20110711	20110711	20110711	20110711	20110712	20110712	20110712	20110713	20110713	20110713	20110713	20110714	20110714
SAMPLE CODE	PRG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX		SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX		SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
TOP DEPTH (FT BGS)		22	26	20	24	28	24	20	24	28	24	20	24	28	20	24
BOTTOM DEPTH (FT BGS)		24	28	24	28	30	28	24	28	30	28	24	28	30	24	28
VOLATILES (UG/KG)																
CIS-1,2-DICHLOROETHENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	3900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)																
BENZENEETHANAMINE, N-[(PENTAFLUOROPHENYL	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)																
ACENAPHTHENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHYLENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTHRACENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BAP EQUIVALENT-HALFND	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BAP EQUIVALENT-POS	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(A)ANTHRACENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(A)PYRENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(B)FLUORANTHENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(G,H,I)PERYLENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(K)FLUORANTHENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZO(A,H)ANTHRACENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-CD)PYRENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBS (UG/KG)																
AROCLOR-1254	7000	20 U	19 U	1.3 U	1.4 U	1.6 U	1.4 U	1.5 U	1.4 U	1.4 U	1.3 U	6.7 U	1.4 U	14 U	69 U	6.9 U
AROCLOR-1260	58000	20 U	32 J	11	8.4 J	1.6 U	1.4 U	1.5 U	1.4 U	1.4 U	1.3 U	2900	1200	9300	27000	4300
TOTAL AROCLOR	58000	0 U	32	11	8.4	0 U	0 U	0 U	0 U	0 U	0 U	2900	1200	9300	27000	4300
TOTAL AROCLOR HALFND	58000	67.5	87.5	15.245	12.92	6.05	5.215	5.55	5.215	5.22	4.895	2921.5	1204.3	9344.6	27222	4322.05
METALS (MG/KG)																
ARSENIC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SELENIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SILVER	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (S.U.)																
PH	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE D-5
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (20-30 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

LOCATION		SB-854	SB-855	SB-856	SB-857	SB-858	SB-859
SAMPLE ID		E-SB-853-28-30	E-SB-854-24-28	E-SB-855-24-28	E-SB-856-28	E-SB-857-28	E-SB-858-28	E-SB-859-28
SAMPLE DATE		20110714	20110714	20110714	20110713	20110713	20110712	20110712
SAMPLE CODE	PRG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX		SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX		SB	SB	SB	SB	SB	SB	SB
TOP DEPTH (FT BGS)		28	24	24	24	24	24	24
BOTTOM DEPTH (FT BGS)		28.5	28	28	28	28	28	28
VOLATILES (UG/KG)								
CIS-1,2-DICHLOROETHENE	NC	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	3900	NA	NA	NA	NA	NA	NA	NA
TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)								
BENZENEETHANAMINE, N-[(PENTAFLUOROPHENYL	NC	NA	NA	NA	NA	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)								
ACENAPHTHENE	NC	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHYLENE	NC	NA	NA	NA	NA	NA	NA	NA
ANTHRACENE	NC	NA	NA	NA	NA	NA	NA	NA
BAP EQUIVALENT-HALFND	10000	NA	NA	NA	NA	NA	NA	NA
BAP EQUIVALENT-POS	10000	NA	NA	NA	NA	NA	NA	NA
BENZO(A)ANTHRACENE	NC	NA	NA	NA	NA	NA	NA	NA
BENZO(A)PYRENE	NC	NA	NA	NA	NA	NA	NA	NA
BENZO(B)FLUORANTHENE	NC	NA	NA	NA	NA	NA	NA	NA
BENZO(G,H,I)PERYLENE	NC	NA	NA	NA	NA	NA	NA	NA
BENZO(K)FLUORANTHENE	NC	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	NC	NA	NA	NA	NA	NA	NA	NA
DIBENZO(A,H)ANTHRACENE	NC	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	NC	NA	NA	NA	NA	NA	NA	NA
FLUORENE	NC	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-CD)PYRENE	NC	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	NC	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	NC	NA	NA	NA	NA	NA	NA	NA
PYRENE	NC	NA	NA	NA	NA	NA	NA	NA
PCBS (UG/KG)								
AROCLOR-1254	7000	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	8.7 J	1.4 U
AROCLOR-1260	58000	1500	85 J	87 J	1.4 U	1.4 U	1.4 U	1.4 U
TOTAL AROCLOR	58000	1500	85	87	0 U	0 U	8.7	0 U
TOTAL AROCLOR HALFND	58000	1504.35	89.46	91.515	5.055	5.055	13.105	5.055
METALS (MG/KG)								
ARSENIC	NC	NA	NA	NA	NA	NA	NA	NA
BARIUM	NC	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM	NC	NA	NA	NA	NA	NA	NA	NA
CADMIUM	NC	NA	NA	NA	NA	NA	NA	NA
CHROMIUM	NC	NA	NA	NA	NA	NA	NA	NA
COBALT	NC	NA	NA	NA	NA	NA	NA	NA
COPPER	NC	NA	NA	NA	NA	NA	NA	NA
LEAD	NC	NA	NA	NA	NA	NA	NA	NA
MERCURY	NC	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM	NC	NA	NA	NA	NA	NA	NA	NA
NICKEL	NC	NA	NA	NA	NA	NA	NA	NA
SELENIUM	NC	NA	NA	NA	NA	NA	NA	NA
SILVER	NC	NA	NA	NA	NA	NA	NA	NA
THALLIUM	NC	NA	NA	NA	NA	NA	NA	NA
VANADIUM	NC	NA	NA	NA	NA	NA	NA	NA
ZINC	NC	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (S.U.)								
PH	NC	NA	NA	NA	NA	NA	NA	NA

Notes:
FT BGS - feet below ground surface
mg/kg - milligrams per kilogram
ug/kg - micrograms per kilogram
PRG - Preliminary Remediation Goal for Block E soil
PCBs - polychlorinated biphenyls
U - analyte was not detected above laboratory detection limit
J - estimated concentration
NA - sample not analyzed for given parameter
NC - cleanup goal (PRG) not applicable for given parameter
BAP - benzo(a)pyrene
HALFND - value calculated using half the non-detect results
POS - value calculated using only the positive detections

TABLE D-6
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (30-40 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

LOCATION		E-CB-11A			E-CB-11B			E-CB-13			E-CB-2		
SAMPLE ID		E-CB-11A-32-34	E-CB-11A-36-38	E-CB-11A-38-40	E-CB-11B-32-34	E-CB-11B-36-38	E-CB-11B-38-40	E-CB-13-32-34	E-CB-13-36-38	E-CB-13-38-40	E-CB-2-32-34	E-CB-2-36-38	E-CB-2-38-40
SAMPLE DATE		20120720	20120720	20120720	20120719	20120719	20120719	20120720	20120720	20120720	20120719	20120719	20120719
SAMPLE CODE	PRG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX		SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX		SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
TOP DEPTH (FT BGS)		32	36	38	32	36	38	32	36	38	32	36	38
BOTTOM DEPTH (FT BGS)		34	38	40	34	38	40	34	38	40	34	38	40
VOLATILES (UG/KG)													
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	NA	1.2 U	NA	NA	NA	1.3 U	NA	1.2 U	NA	NA	NA	1.1 U
1,1-DICHLOROETHENE	NC	NA	0.49 U	NA	NA	NA	0.54 U	NA	0.48 U	NA	NA	NA	0.45 U
ACETONE	NC	NA	21	NA	NA	NA	13 J	NA	11 J	NA	NA	NA	5.5 U
CHLOROFORM	NC	NA	0.27 U	NA	NA	NA	0.3 U	NA	0.27 U	NA	NA	NA	0.25 U
CIS-1,2-DICHLOROETHENE	NC	NA	0.34 U	NA	NA	NA	0.37 U	NA	0.33 U	NA	NA	NA	0.31 U
METHYLENE CHLORIDE	NC	NA	0.63 U	NA	NA	NA	0.69 U	NA	0.62 U	NA	NA	NA	0.58 U
TOLUENE	NC	NA	0.4 J	NA	NA	NA	0.28 U	NA	0.25 U	NA	NA	NA	0.24 U
TRICHLOROETHENE	3900	NA	0.39 U	NA	NA	NA	0.44 U	NA	0.39 U	NA	NA	NA	0.37 U
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)													
ACENAPHTHENE	NC	NA	3.9 U	NA	NA	NA	4 U	NA	3.8 U	NA	NA	NA	4 U
ACENAPHTHYLENE	NC	NA	3.9 U	NA	NA	NA	4 U	NA	3.8 U	NA	NA	NA	4 U
ANTHRACENE	NC	NA	3.9 U	NA	NA	NA	4 U	NA	3.8 U	NA	NA	NA	4 U
BAP EQUIVALENT-HALFND	10000	NA	3.9 U	NA	NA	NA	4 U	NA	3.8 U	NA	NA	NA	4 U
BAP EQUIVALENT-POS	10000	NA	3.9 U	NA	NA	NA	4 U	NA	3.8 U	NA	NA	NA	4 U
BENZO(A)ANTHRACENE	NC	NA	3.9 U	NA	NA	NA	4 U	NA	3.8 U	NA	NA	NA	4 U
BENZO(A)PYRENE	NC	NA	3.9 U	NA	NA	NA	4 U	NA	3.8 U	NA	NA	NA	4 U
BENZO(B)FLUORANTHENE	NC	NA	3.9 U	NA	NA	NA	4 U	NA	3.8 U	NA	NA	NA	4 U
BENZO(G,H,I)PERYLENE	NC	NA	3.9 U	NA	NA	NA	4 U	NA	3.8 U	NA	NA	NA	4 U
BENZO(K)FLUORANTHENE	NC	NA	3.9 U	NA	NA	NA	4 U	NA	3.8 U	NA	NA	NA	4 U
CHRYSENE	NC	NA	1.3 U	NA	NA	NA	1.3 U	NA	1.3 U	NA	NA	NA	1.3 U
DIBENZO(A,H)ANTHRACENE	NC	NA	3.9 U	NA	NA	NA	4 U	NA	3.8 U	NA	NA	NA	4 U
FLUORANTHENE	NC	NA	3.9 U	NA	NA	NA	4 U	NA	3.8 U	NA	NA	NA	4 U
FLUORENE	NC	NA	3.9 U	NA	NA	NA	4 U	NA	3.8 U	NA	NA	NA	4 U
INDENO(1,2,3-CD)PYRENE	NC	NA	3.9 U	NA	NA	NA	4 U	NA	3.8 U	NA	NA	NA	4 U
NAPHTHALENE	NC	NA	3.9 U	NA	NA	NA	4 U	NA	3.8 U	NA	NA	NA	18
PHENANTHRENE	NC	NA	3.9 U	NA	NA	NA	4 U	NA	3.8 U	NA	NA	NA	4 U
PYRENE	NC	NA	3.9 U	NA	NA	NA	4 U	NA	3.8 U	NA	NA	NA	4 U
PCBS (UG/KG)													
AROCLOR-1248	NC	20 U	20 U	20 U	20 U	21 U	21 U	19 U	19 U	23 U	19 U	20 U	20 U
AROCLOR-1260	58000	20 U	20 U	20 U	20 U	21 U	21 U	19 U	19 U	23 U	19 U	20 U	20 U
TOTAL AROCLOR	58000	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U
TOTAL AROCLOR HALFND	58000	67.5	67.5	66.5	67	71	71	65	65	78.5	65	68	68.5
METALS (MG/KG)													
ARSENIC	NC	NA	1.7 L	NA	NA	NA	0.55 J	NA	0.66 J	NA	NA	NA	0.78 J
BARIUM	NC	NA	11 J	NA	NA	NA	8.2 J	NA	12 J	NA	NA	NA	7.6 J
BERYLLIUM	NC	NA	2.2	NA	NA	NA	0.7	NA	1.4	NA	NA	NA	0.68
CADMIUM	NC	NA	0.033 U	NA	NA	NA	0.03 U	NA	0.032 U	NA	NA	NA	0.034 U
CHROMIUM	NC	NA	15	NA	NA	NA	8.3	NA	10	NA	NA	NA	10
COBALT	NC	NA	8.9	NA	NA	NA	3.3	NA	6.1	NA	NA	NA	4.3
COPPER	NC	NA	8.2	NA	NA	NA	12	NA	11	NA	NA	NA	6.6
LEAD	NC	NA	5.2	NA	NA	NA	3.2	NA	3.5	NA	NA	NA	2.3
MERCURY	NC	NA	0.018 U	NA	NA	NA	0.019 U	NA	0.019 U	NA	NA	NA	0.019 U
NICKEL	NC	NA	23	NA	NA	NA	8.2	NA	16	NA	NA	NA	10
VANADIUM	NC	NA	22	NA	NA	NA	17	NA	17	NA	NA	NA	15
ZINC	NC	NA	30	NA	NA	NA	12	NA	19	NA	NA	NA	14

TABLE D-6
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (30-40 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

LOCATION		E-SB-1361	E-SB-1430	E-SB-1433	E-SB-1436	E-SB-1724							E-SB-1725
SAMPLE ID		MRC-E-SB-1361-35	E-SB-1430-31-32	E-SB-1433-34-35	E-SB-1436-37-38	E-SB-1724-30-32	E-SB-1724-32-34	E-SB-1724-34-36	E-SB-1724-36-38	E-SB-1724-38-40	E-SB-1725-30-32	E-SB-1725-32-34	E-SB-1725-34-36
SAMPLE DATE		20140416	20160309	20160309	20160310	20171107	20171107	20171107	20171107	20171107	20171108	20171108	20171108
SAMPLE CODE	PRG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX		SO	SOP	SOP	SOP	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX		SB	NA	NA	NA	SB	SB	SB	SB	SB	SB	SB	SB
TOP DEPTH (FT BGS)		32	31	34	37	30	32	34	36	38	30	32	34
BOTTOM DEPTH (FT BGS)		35	32	35	38	32	34	36	38	40	32	34	36
VOLATILES (UG/KG)													
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	1.9 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	NC	2.9 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACETONE	NC	7.3 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROFORM	NC	1.7 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	NC	6.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	NC	3.7 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOLUENE	NC	0.23 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	3900	2800 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)													
ACENAPHTHENE	NC	NA	53	25	140	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHYLENE	NC	NA	81	48	79	NA	NA	NA	NA	NA	NA	NA	NA
ANTHRACENE	NC	NA	170	110	350	NA	NA	NA	NA	NA	NA	NA	NA
BAP EQUIVALENT-HALFND	10000	NA	1054.6	661.62	2145.6	NA	NA	NA	NA	NA	NA	NA	NA
BAP EQUIVALENT-POS	10000	NA	1053.8	661.62	2145.6	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(A)ANTHRACENE	NC	NA	780	430	1600	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(A)PYRENE	NC	NA	820	450	1400	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(B)FLUORANTHENE	NC	NA	1200	460	1900	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(G,H,I)PERYLENE	NC	NA	320	360	1200	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(K)FLUORANTHENE	NC	NA	490	210	700	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	NC	NA	900	520	1600	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZO(A,H)ANTHRACENE	NC	NA	1.6 U	93	290	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	NC	NA	1300	660	2700	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	NC	NA	76	37	150	NA	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-CD)PYRENE	NC	NA	300	270	970	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	NC	NA	43	28	45	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	NC	NA	960	370	1600	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	NC	NA	1900	990	2900	NA	NA	NA	NA	NA	NA	NA	NA
PCBS (UG/KG)													
AROCLOR-1248	NC	NA	95 U	9.5 U	9.2 U	20 U	19 U	20 U	20 U	19 U	29 J	21 U	20 U
AROCLOR-1260	58000	NA	1400	39	410 J	26 J	20 U	22 U	21 U	20 U	21 U	22 U	22 U
TOTAL AROCLOR	58000	NA	1400	39	410	26	0 U	0 U	0 U	0 U	29	0 U	0 U
TOTAL AROCLOR HALFND	58000	NA	2017.5	100.75	470.1	111.3	90.5	96.3	92.1	90.5	114.25	96.85	96.3
METALS (MG/KG)													
ARSENIC	NC	NA	4.5 J	3.7 J	3	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM	NC	NA	73 J	28 J	70 J	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM	NC	NA	0.4 J	0.24 J	0.5 U	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM	NC	NA	17 J	16 J	19 J	NA	NA	NA	NA	NA	NA	NA	NA
COBALT	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD	NC	NA	27 J	20 J	21 J	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY	NC	NA	0.059 U	0.059 U	0.2	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE D-6
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS (30-40 FT)
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

LOCATION		E-SB-1731						E-SB-983		E-SB-984	
SAMPLE ID		E-SB-1725-36-38	E-SB-1725-38-40	E-SB-1731-32-34	E-SB-1731-34-36	E-SB-1731-36-38	E-SB-1731-38-40	E-SB-983-32-34	E-SB-983-36-38	E-SB-984-32-34	E-SB-984-36-38
SAMPLE DATE		20171108	20171108	20171107	20171107	20171107	20171107	20120719	20120719	20120724	20120724
SAMPLE CODE	PRG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX		SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX		SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
TOP DEPTH (FT BGS)		36	38	32	34	36	38	32	36	32	36
BOTTOM DEPTH (FT BGS)		38	40	34	36	38	40	34	38	34	38
VOLATILES (UG/KG)											
1,1,2-TRICHLOROTRIFLUOROETHANE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACETONE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROFORM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOLUENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	3900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)											
ACENAPHTHENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHYLENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTHRACENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BAP EQUIVALENT-HALFND	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BAP EQUIVALENT-POS	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(A)ANTHRACENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(A)PYRENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(B)FLUORANTHENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(G,H,I)PERYLENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(K)FLUORANTHENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZO(A,H)ANTHRACENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-CD)PYRENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBS (UG/KG)											
AROCLOR-1248	NC	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
AROCLOR-1260	58000	21 U	21 U	21 U	270	61	34 J	20 U	20 U	20 U	20 U
TOTAL AROCLOR	58000	0 U	0 U	0 U	270	61	34	0 U	0 U	0 U	0 U
TOTAL AROCLOR HALFND	58000	94.75	93.2	95.25	355.3	143.65	119.3	68	67.5	67.5	67
METALS (MG/KG)											
ARSENIC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
FT BGS - feet below ground surface
mg/kg - milligrams per kilogram
ug/kg - micrograms per kilogram
PRG - Preliminary Remediation Goal for Block E soil
PCBs - polychlorinated biphenyls
U - analyte was not detected above laboratory detection limit
J - estimated concentration
NA - sample not analyzed for given parameter
NC - cleanup goal (PRG) not applicable for given parameter
BAP - benzo(a)pyrene
HALFND - value calculated using half the non-detect results
POS - value calculated using only the positive detections

TABLE D-7
COMPARISON OF CHEMICAL DETECTIONS IN SUBSURFACE SOILS GREATER THAN 40FT BGS
WITH BLOCK E PRGs, BY ANALYTICAL GROUP,
BLOCK E SOILS REMEDIAL ACTION PLAN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

LOCATION		E-CB-11A			E-CB-13			E-CB-2		
SAMPLE ID		E-CB-11A-42-44	E-CB-11A-46-48	E-CB-11A-48-50	E-CB-13-40-42	E-CB-13-42-44	E-CB-13-44-46	E-CB-2-42-44	E-CB-2-46-48	E-CB-2-48-50
SAMPLE DATE		20120720	20120720	20120720	20120720	20120720	20120720	20120719	20120719	20120719
SAMPLE CODE	PRG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX		SO	SO	SO	SO	SO	SO	SO	SO	SO
SAMPLE TYPE		NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX		SB	SB	SB	SB	SB	SB	SB	SB	SB
TOP DEPTH		42	46	48	40	42	44	42	46	48
BOTTOM DEPTH		44	48	50	42	44	46	44	48	50
VOLATILES (UG/KG)										
2-BUTANONE	NC	NA	1.7 U	NA	NA	NA	1.4 U	NA	NA	1.4 J
ACETONE	NC	NA	24	NA	NA	NA	6.4 U	NA	NA	24
TOLUENE	NC	NA	0.35 J	NA	NA	NA	0.37 J	NA	NA	0.25 U
PCBS (UG/KG)										
TOTAL AROCLOR HALFND	58000	66.5	66.5	70	68	68	70	68	68.5	70
METALS (MG/KG)										
ARSENIC	NC	NA	1.5 L	NA	NA	NA	0.63 J	NA	NA	0.55 J
BARIUM	NC	NA	14 J	NA	NA	NA	11 J	NA	NA	6.7 J
BERYLLIUM	NC	NA	2.5	NA	NA	NA	1.1	NA	NA	0.35 J
CHROMIUM	NC	NA	15	NA	NA	NA	10	NA	NA	13
COBALT	NC	NA	8.7	NA	NA	NA	4.7	NA	NA	3.2
COPPER	NC	NA	15	NA	NA	NA	10	NA	NA	3.9
LEAD	NC	NA	5.7	NA	NA	NA	3.6	NA	NA	2.4
MOLYBDENUM	NC	NA	0.33 J	NA	NA	NA	0.28 U	NA	NA	0.24 U
NICKEL	NC	NA	19	NA	NA	NA	9.9	NA	NA	6.5
VANADIUM	NC	NA	21	NA	NA	NA	18	NA	NA	14
ZINC	NC	NA	32	NA	NA	NA	15	NA	NA	10

Notes:
FT BGS - feet below ground surface
mg/kg - milligrams per kilogram
ug/kg - micrograms per kilogram
PRG - Preliminary Remediation Goal for Block E soil
PCBs - polychlorinated biphenyls
U - analyte was not detected above laboratory detection limit
J - estimated concentration
NA - sample not analyzed for given parameter
NC - cleanup goal (PRG) not applicable for given parameter
HALFND - value calculated using half the non-detect results

TABLE D-8
CHEMICAL DETECTIONS IN SOIL PILE SAMPLES COMPARED TO PRGs
REMEDIAL ACTION PLAN SOILS
BLOCK E, MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

LOCATION			E-SB-1256		E-SB-1257		E-SB-1258		E-SB-1259		E-SB-1260	
SAMPLE ID	SS PRG	SB PRG	E-SB-1256-0.5-1	E-SB-1256-0-0.5	E-SB-1257-0.5-1	E-SB-1257-0-0.5	E-SB-1258-0.5-1	E-SB-1258-0-0.5	E-SB-1259-0.5-1	E-SB-1259-0-0.5	E-SB-1260-0.5-1	E-SB-1260-0-0.5
SAMPLE DATE			20140714	20140714	20140714	20140714	20140714	20140714	20140714	20140714	20140721	20140721
TOP DEPTH			0.5	0	0.5	0	0.5	0	0.5	0	0.5	0
BOTTOM DEPTH			1	0.5	1	0.5	1	0.5	1	0.5	1	0.5
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)												
1-METHYLNAPHTHALENE	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	NC	NC	110	14	97	38	240	100 J	82 J	68	6.5 J	17 J
ACENAPHTHENE	NC	NC	96	6.5 J	67	18	140	52 J	51 J	65	24	110
ACENAPHTHYLENE	NC	NC	31	6 J	190	87	330	200 J	160 J	150	12	81
ANTHRACENE	NC	NC	250	16	280	93	640	290 J	200 J	260	60	280
BAP EQUIVALENT-HALFND	2900	10000	1192.7	180.315	2813.4	1025.07	**6162.1**	**3786.4**	1982.645	2338.2	457.73	2240.5
BAP EQUIVALENT-POS	2900	10000	1192.7	179.94	2813.4	1025.07	**6162.1**	**3786.4**	1978.8	2338.2	457.73	2240.5
BENZO(A)ANTHRACENE	NC	NC	730	88	1600	550	4400	2000 J	1200 J	1500	300	1500
BENZO(A)PYRENE	NC	NC	910	150	2100 J	750 J	4500	2800 J	1600 J	1700 J	310	1500 J
BENZO(B)FLUORANTHENE	NC	NC	940	130	3000 J	1200 J	5400	4200 J	2500 J	2600 J	580	3000 J
BENZO(G,H,I)PERYLENE	NC	NC	300	98	660 J	280 J	2200	1000 J	580 J	510 J	160	650 J
BENZO(K)FLUORANTHENE	NC	NC	390	63	950 J	440 J	1700	1300 J	740 J	950 J	240	990 J
CHRYSENE	NC	NC	800	110	1900	670	5100	2400 J	1400 J	1700	330	1600
DIBENZO(A,H)ANTHRACENE	NC	NC	83	0.75 U	180 J	70 J	480	260 J	7.3 UJ	170 J	42	220 J
FLUORANTHENE	NC	NC	1100	98	2000	640	6200	2300 J	1500 J	2100	610	3000
FLUORENE	NC	NC	140	8	92	26	190	69 J	68 J	74	21	91
INDENO(1,2,3-CD)PYRENE	NC	NC	280	74	620 J	250 J	1800	910 J	3.9 UJ	470 J	150	590 J
NAPHTHALENE	NC	NC	130	25	140	52	370	140 J	110 J	94	9.9	31
PHENANTHRENE	NC	NC	1000	48	890	230	2200	650 J	620 J	840	290	1300
PYRENE	NC	NC	1900	180	4300	1300	10000	5500 J	3400 J	3900	570	3100
PCBS (UG/KG)												
AROCLOR-1260	10000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL AROCLOR	10000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL AROCLOR HALFND	10000	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (MG/KG)												
ARSENIC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SELENIUM	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SILVER	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MISCELLANEOUS PARAMETERS (MG/KG)												
HEXAVALENT CHROMIUM	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PETROLEUM HYDROCARBONS (UG/KG)												
TPH (C06-C10)	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PETROLEUM HYDROCARBONS (MG/KG)												
TPH (C10-C32)	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIONUCLIDES (PCI/G)												
THORIUM-228	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-230	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-232	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233/234	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE D-8
CHEMICAL DETECTIONS IN SOIL PILE SAMPLES COMPARED TO PRGs
REMEDIAL ACTION PLAN SOILS
BLOCK E, MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

E-SB-1261		E-SB-1262		E-SB-1263		E-SB-1279		E-SB-1386	E-SB-1387	E-SB-1388	E-SB-1389	E-SB-1390	E-SB-1391
E-SB-1261-0.5-1	E-SB-1261-0-0.5	E-SB-1262-0.5-1	E-SB-1262-0-0.5	E-SB-1263-0.5-1	E-SB-1263-0-0.5	E-SB-1279-0-1	E-SB-1279-1-2	E-SB-1386-3	E-SB-1387-3	E-SB-1388-4	E-SB-1389-3	E-SB-1390-6	E-SB-1391-5
20140721	20140721	20140721	20140721	20140721	20140721	20140721	20140721	20140731	20140731	20140801	20140731	20140801	20140801
0.5	0	0.5	0	0.5	0	0	1	3	3	4	3	6	5
1	0.5	1	0.5	1	0.5	1	2	3	3	4	3	6	5
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
77	21	0.57 U	62	6 J	18	0.55 U	0.54 U	1100	5.2 U	26	64	4.5 J	3.9 J
79	36	5.6 J	330	0.88 U	87	0.84 U	0.82 U	360	7.9 U	18	43	0.91 U	0.87 U
790	52	0.4 U	110	0.4 U	25	0.39 U	0.38 U	110	38 J	38	82	0.42 U	4 J
350	100	15	620	5.8 J	170	4.7 J	0.84 U	490	89	73	140	5.1 J	8.8
4219.1	1256.82	126.725	**5063.45**	52.516	1277.85	48.448	0.69 U	1074	649.77	624.67	1256.32	17.73205	48.366
4219.1	1256.82	126.35	**5060.9**	52.136	1277.1	48.083	0.69 U	1072.2	646.32	624.67	1256.32	17.312	47.966
2700	780	93	3700	33	900	30	0.68 U	1000	410	430	740	12	31
3100 J	900 J	96	3800 J	42	980 J	38	0.69 U	850	520	460	930	14	39
4700 J	1600 J	170	7400 J	41	1700 J	52	0.63 U	820	610	630	1200	21	56
980 J	310 J	35	1200 J	22	320 J	16	0.38 U	440	260	170	400	0.42 U	0.4 U
1800 J	590 J	75	2700 J	30	610 J	25	0.73 U	400	280	220	440	0.81 U	23
3100	920	100	3900	36	1000	33	1.2 U	1200	520	470	920	12	36
270 J	81 J	0.75 U	5.1 UJ	0.76 U	1.5 UJ	0.73 U	0.71 U	3.6 U	6.9 U	41	93	0.79 U	0.76 U
3800	1400	180	7200	42	1900	51	0.59 U	2000	540	500	1000	19	45
150	31	5.3 J	250	0.61 U	69	0.59 U	0.57 U	720	5.5 U	27	75	4 J	4.7 J
880 J	310 J	32	1200 J	24	300 J	16	0.38 U	350	210	150	340	0.42 U	0.4 U
150	30	0.93 U	100	7.9	28	0.91 U	0.88 U	390	40 J	35	70	10	0.94 U
1500	510	87	3800	27	980	22	0.78 U	4300	320	250	680	17	42
6700	1600	170	7900	46	2000	59	0.47 U	3000	890	990	1700	19	68
NA	NA	NA	NA	NA	NA	7.3 J	4.4 U	82	35	61	500	4.9 U	5.7 J
NA	NA	NA	NA	NA	NA	7.3	0 U	82	35	61	500	0 U	5.7
NA	NA	NA	NA	NA	NA	23.55	18.45	105.5	50.3	77.85	579	20.6	22.95
NA	NA	NA	NA	NA	NA	NA	NA	4.2	2.9	5.1 J	3.3	4 J	2.6 J
NA	NA	NA	NA	NA	NA	NA	NA	26 J	55	19 J	54	22	17 J
NA	NA	NA	NA	NA	NA	NA	NA	1	0.83	1.6 J	0.68	0.97	1
NA	NA	NA	NA	NA	NA	NA	NA	0.11 J	0.78	0.2 U	0.49	0.031 U	0.032 U
NA	NA	NA	NA	NA	NA	NA	NA	33	15	24	18	14	12
NA	NA	NA	NA	NA	NA	NA	NA	5.5	13	18	9.1	12	4.2
NA	NA	NA	NA	NA	NA	NA	NA	22	16	22 J	17	12 J	13 J
NA	NA	NA	NA	NA	NA	NA	NA	16	24	4.9 J	32	7.3	9.3
NA	NA	NA	NA	NA	NA	NA	NA	0.16 J	0.049 J	0.019 U	0.2	0.029 J	0.018 U
NA	NA	NA	NA	NA	NA	NA	NA	18	18	39	13	14	9.9
NA	NA	NA	NA	NA	NA	NA	NA	0.63 U	0.4 J	2.5 UJ	0.46 J	0.41 J	0.4 UJ
NA	NA	NA	NA	NA	NA	NA	NA	0.18 J	0.14 J	0.55 J	0.2 J	0.12 J	0.088 U
NA	NA	NA	NA	NA	NA	NA	NA	0.77 U	0.48 U	0.6 U	0.48 U	0.48 U	0.48 U
NA	NA	NA	NA	NA	NA	NA	NA	49	27	44 J	26	22 J	19 J
NA	NA	NA	NA	NA	NA	NA	NA	37	130	46	150	42	29
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	74 U	48 U	52 U	49 U	70 J	53 U
NA	NA	NA	NA	NA	NA	NA	NA	23 J	100	92	130	35	4.8 U
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE D-8
CHEMICAL DETECTIONS IN SOIL PILE SAMPLES COMPARED TO PRGs
REMEDIAL ACTION PLAN SOILS
BLOCK E, MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

E-SB-1392 E-SB-1392-7 20140801 7 7	E-SB-1393 E-SB-1393-7 20140801 7 7	E-SB-1394 E-SB-1394-2 20140801 2 2	E-SB-1395 E-SB-1395-2 20140801 2 2	E-SB-1396 E-SB-1396-2 20140801 2 2	E-SB-1397 E-SB-1397-2 20140801 2 2	E-SB-1412 E-SB-1412-13-14 20160308 1 2	E-SB-1415 E-SB-1415-16-17 20160308 1 2	E-SB-1418 E-SB-1418-19-20 20160308 1 8	E-SB-1421 E-SB-1421-22-23 20160308 2 8	E-SB-1424 E-SB-1424-25-26 20160309 0 10	E-SB-1424-25-26-D 20160309 0 10	E-SB-1427 E-SB-1427-28-29 20160309 0 14	E-SB-1430 E-SB-1430-31-32 20160309 0 14
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.57 U	0.56 U	6.6 J	31	0.56 U	0.54 U	NA	NA	NA	NA	NA	NA	NA	NA
0.86 U	0.85 U	5.7 J	160	0.85 U	0.82 U	0.91 U	10	38	180	120 J	14 J	16	53
0.4 U	0.39 U	0.38 U	12 J	0.39 U	0.38 U	0.42 U	6.2 J	0.4 U	16	7.8 J	0.44 U	11	81
0.88 U	0.87 U	12	250	5.6 J	7.4	4.2 J	32	81	240	170 J	24 J	38	170
0.73 U	1.6689	44.02	914.69	64.898	39.946	34.19	199.305	277.91	668.315	558.56	185.27	222.42	1054.6
0.73 U	0.88	43.641	914.69	64.528	39.591	33.795	198.93	277.53	667.91	558.16	185.27	222.01	1053.8
0.71 U	0.7 U	47	710	47	31	21	140	230	560	440 J	120 J	140	780
0.73 U	0.72 U	33	640	49	30	26	150	210	510	420 J	120 J	170	820
0.67 U	8.8	57	1100	72	45	36	240	330	750	740 J	190 J	310	1200
0.4 U	0.39 U	0.38 U	170	38	9.6	23	110	110	230	160	110	55	320
0.77 U	0.76 U	19	500	38	16	17	97	130	330	270 J	63 J	110	490
1.2 U	1.2 U	51	690	48	31	25	160	230	610	460 J	140 J	210	900
0.75 U	0.74 U	0.72 U	67	0.74 U	0.71 U	0.79 U	0.75 U	0.76 U	0.81 U	0.8 U	25	0.82 U	1.6 U
0.62 U	17	69	1400	79	63	39	290	500	1200	970 J	250 J	270	1300
0.6 U	0.59 U	6.6 J	120	0.59 U	0.57 U	0.63 U	7.7	30	260	110 J	12 J	17	76
0.4 U	0.39 U	0.38 U	210	32	18	19	98	100	230	170 J	85 J	57	300
0.93 U	4.3 J	4.9 J	79	0.91 U	0.89 U	0.98 U	7.5 J	5.8 J	900	54 J	10 J	11	43
0.83 U	17	130	1100	28	36	18	160	360	1100	780 J	120 J	140	960
0.5 U	15	120	1400	65	49	31	220	370	920	790 J	210 J	260	1900
4.6 U	7.5 J	40	470	630	16 J	140	220	28 J	24 J	250 J	100 J	200	1400
0 U	7.5	40	470	630	16	140	220	28	24	250	100	200	1400
19.35	24.05	55.9	549	712.5	32.2	201.75	339.5	87.05	86.3	313.9	166	264.45	2017.5
14 J	2.3 J	2 J	2.8 J	2.7 J	3.4 J	1.4 J	2.3	2.1	3.2	2.6 J	2.8 J	2 J	4.5 J
15 J	23	30 J	40	16 J	19 J	10 J	34 J	19 J	40 J	29 J	27 J	21 J	73 J
1 J	0.65	1.4	0.41 J	1.2	2	NA	NA	NA	NA	NA	NA	NA	NA
0.076 U	0.053 J	0.06 U	0.28 J	0.12 J	0.071 U	0.12 J	0.34 J	0.14 J	0.23 J	0.23 J	0.35 J	0.14 J	0.4 J
4	11	12	26	11	17	7.3 J	13 J	12 J	13 J	12 J	11 J	13 J	17 J
8	7.7	9	3.4	7.4	8.7	NA	NA	NA	NA	NA	NA	NA	NA
2.5 J	11 J	9.8 J	12 J	10 J	11 J	NA	NA	NA	NA	NA	NA	NA	NA
6	9.5	12	32	8.8	6.4	12 J	39 J	8.5 J	47 J	17 J	20 J	8.5 J	27 J
0.054 J	0.18	0.079 J	0.13	0.061 J	0.057 J	0.038 J	0.13 J	0.052 J	0.24 J	0.18	0.11 U	0.076 U	0.059 U
13	8.6	17	7.2	14	18	NA	NA	NA	NA	NA	NA	NA	NA
0.95 UJ	0.39 UJ	0.75 UJ	0.41 UJ	0.94 UJ	0.89 UJ	0.36 U	0.32 U	0.37 U	0.3 U	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ
0.21 U	0.12 J	0.17 U	0.14 J	0.27 J	0.2 U	0.067 U	0.06 U	0.068 U	0.056 U	0.07 UJ	0.072 UJ	0.072 UJ	0.07 UJ
0.58 U	0.47 U	0.46 U	0.5 U	0.58 U	0.55 U	NA	NA	NA	NA	NA	NA	NA	NA
8.1 J	18 J	18 J	17 J	18 J	24 J	NA	NA	NA	NA	NA	NA	NA	NA
44	39	45	67	41	40	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
52 U	52 U	50 U	48 U	51 U	50 U	NA	NA	NA	NA	NA	NA	NA	NA
4.7 U	18 J	48	66	7.4 J	4.5 U	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE D-8
CHEMICAL DETECTIONS IN SOIL PILE SAMPLES COMPARED TO PRGs
REMEDIAL ACTION PLAN SOILS
BLOCK E, MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

E-SB-1433	E-SB-1436	E-SB-965				E-SB-966				E-SB-967		
E-SB-1433-34-35	E-SB-1436-37-38	E-SB-965-0.5-2	E-SB-965-0.5-2.0-RAD	E-SB-965-0-0.5	S-SB-965-2-3	E-SB-966-0.5-2	E-SB-966-0-0.5	E-SB-966-0-1-RAD	E-SB-966-2-3	E-SB-967-0.5-2	E-SB-967-0.5-2.0-RAD	E-SB-967-0-0.5
20160309	20160310	20120627	20120627	20120627	20120627	20120627	20120627	20120627	20120627	20120627	20120627	20120627
0	2	0.5	0.5	0	2	0.5	0	0	2	0.5	0.5	0
11	5	2	2	0.5	3	2	0.5	1	3	2	2	0.5
NA	NA	3.5 U	NA	4100	18 J	30	3.6 U	NA	20 J	35 U	NA	240
NA	NA	4.7 J	NA	3300	19 J	43	3.6 U	NA	22 J	35 U	NA	240
25	140	4.3 J	NA	1500	18 J	120	3.6 U	NA	63 J	35 U	NA	350
48	79	7.4	NA	2200	32 J	100	12	NA	47 J	35 U	NA	460
110	350	19	NA	5700	120 J	360	22	NA	140 J	78	NA	1300
661.62	2145.6	94.256	NA	**10251.4**	377.4	1491.2	89.122	NA	1015.82	220.81	NA	**4784.6**
661.62	2145.6	92.506	NA	**10251.4**	377.4	1491.2	87.322	NA	1015.82	203.31	NA	**4784.6**
430	1600	78	NA	8500	260 J	1000	67	NA	650 J	190	NA	3300
450	1400	72	NA	7400	270 J	1000	69	NA	680 J	150	NA	3200
460	1900	78	NA	6200	240 J	1100	70	NA	860 J	230	NA	3500
360	1200	61	NA	4500	190 J	690	57	NA	510 J	140	NA	2500
210	700	32	NA	3200	110 J	510	35	NA	410 J	110	NA	2100
520	1600	86	NA	9400	300 J	1100	72	NA	720 J	210	NA	3600
93	290	3.5 U	NA	1000	43 J	210	3.6 U	NA	140 J	35 U	NA	690
660	2700	110	NA	16000	420 J	1800	75	NA	1200 J	380	NA	6500
37	150	7.9	NA	4000	44 J	130	5.4 J	NA	62 J	35 U	NA	390
270	970	45	NA	3400	130 J	650	42	NA	400 J	100	NA	1900
28	45	5.3 J	NA	2200	18 J	81	4.1 J	NA	36 J	35 U	NA	320
370	1600	81	NA	23000	450 J	1100	48	NA	700 J	190	NA	4100
990	2900	160	NA	20000	670 J	1600	110	NA	1200 J	300	NA	5900
39	410 J	30 J	NA	48	NA	25 J	48	NA	NA	1200	NA	6400
39	410	30	NA	48	NA	25	48	NA	NA	1200	NA	6400
100.75	470.1	82	NA	99	NA	82	102	NA	NA	1720	NA	7235
3.7 J	3	NA	NA	NA	NA	NA	3.9 J	NA	1.8 L	NA	NA	NA
28 J	70 J	NA	NA	NA	NA	NA	45 J	NA	22	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	6.5	NA	0.045 U	NA	NA	NA
0.24 J	0.5 U	NA	NA	NA	NA	NA	0.42 J	NA	0.29 J	NA	NA	NA
16 J	19 J	NA	NA	NA	NA	NA	17	NA	7.1	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	29	NA	3.5	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	18	NA	9.2 J	NA	NA	NA
20 J	21 J	NA	NA	NA	NA	NA	15	NA	11 B	NA	NA	NA
0.059 U	0.2	NA	NA	NA	NA	NA	0.2	NA	0.057 J	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	49	NA	10	NA	NA	NA
0.37 UJ	0.38 U	NA	NA	NA	NA	NA	2.2 UL	NA	0.48 U	NA	NA	NA
0.069 UJ	0.07 U	NA	NA	NA	NA	NA	0.5 U	NA	0.17 J	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	0.55 U	NA	0.65 J	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	31	NA	9.5	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	94	NA	24	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	0.51 J	NA	0.33 J	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	0.535 J	NA	NA	NA	NA	0.74 J	NA	NA	0.748 J	NA
NA	NA	NA	0.378 J	NA	NA	NA	NA	0.331 J	NA	NA	0.304 J	NA
NA	NA	NA	0.505 J	NA	NA	NA	NA	0.49 J	NA	NA	0.544 J	NA
NA	NA	NA	0.302 J	NA	NA	NA	NA	0.373 J	NA	NA	0.275 J	NA
NA	NA	NA	0.324 J	NA	NA	NA	NA	0.247 J	NA	NA	0.193 J	NA

Notes
FT BTS - feet below top surface of soil pile
PRG - Block E Preliminary Remediation Goal for Soi
SS - Surface Soil
SB - Subsurface Soil
UG/KG - micrograms per kilogram
mg/kg - milligrams per kilogram
TPH - total petroleum hydrocarbons
PCB - polychlorinated biphenyl
HALFND - value calculated using half the non-detect results
POS - value calculated using only the positive detections
BAP - benzo(a)pyrene
U - analyte was not detected above laboratory detection lim
J - estimated concentration
NA - sample not analyzed for given paramete

TABLE D-9
CHEMICAL DETECTIONS IN SUMP SEDIMENT
REMEDIAL ACTION PLAN SOILS, BLOCK E
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

LOCATION	E-SD-280			E-SD-281	E-SD-282
SAMPLE ID	E-SD-280-0-36	E-SD-280-0-36-AVG	E-SD-280-0-36-D	E-SD-281-0-24	E-SD-282-0-36
SAMPLE DATE	03/11/2016	03/11/2016	03/11/2016	03/11/2016	03/11/2016
TOP DEPTH (FT BSS)	0	0	0	0	0
BOTTOM DEPTH (FT BSS)	3	3	3	2	3
VOLATILES (UG/KG)					
1,2,3-TRICHLOROBENZENE	120000	130000	140000 J	1.6 J	0.63 U
1,2,4-TRICHLOROBENZENE	76000	93000	110000 J	3.1 J	0.48 U
2-BUTANONE	1000 U	1500 U	2000 U	1.2 U	3.9 J
ACETONE	3200 U	4700 U	6200 U	6.3 U	23 J
METHYLENE CHLORIDE	1200 J	1800	2400 J	3.6 U	4.7 U
NAPHTHALENE	370 U	540 U	710 U	1.1 J	0.44 UJ
TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)					
1-CYCLOHEXENE-1-CARBOXALDEHYDE, 4-(1-MET	NA	NA	NA	NA	9.4 NJ
1H-PURIN-2-AMINE, 6-METHOXY-N-METHYL-	NA	NA	NA	NA	11 NJ
4H-1,3,2-DIOXABORIN, 4-ETHENYL-2-ETHYL-4	NA	NA	NA	NA	17 NJ
BENZENE, 1,2,3,5-TETRACHLORO-	79000 NJ	85500	92000 NJ	NA	NA
BENZENE, 1,2,4,5-TETRACHLORO-	36000 NJ	37000	38000 NJ	NA	NA
CYCLOHEXANE, 1,1,3,5-TETRAMETHYL-, CIS-	NA	NA	NA	NA	18 NJ
PYRIMIDINE, 2-METHOXY-	NA	NA	NA	NA	10 NJ
SEMIVOLATILES (UG/KG)					
ACENAPHTHENE	46 U	46 U	46 U	600	610
ACENAPHTHYLENE	21 U	21 U	21 U	110	58 J
ANTHRACENE	47 U	47 U	47 U	1200	1600
BAP EQUIVALENT-HALFND	730.1385	1149.2858	1568.433	8209.7	6916.1
BAP EQUIVALENT-POS	708	1127.25	1546.5	8209.7	6916.1
BENZO(A)ANTHRACENE	38 U	38 U	38 U	5300	4900
BENZO(A)PYRENE	500	800	1100	5100	4400
BENZO(B)FLUORANTHENE	1600 J	2350	3100 J	7900	6800
BENZO(G,H,I)PERYLENE	540 J	970	1400 J	6700	3700
BENZO(K)FLUORANTHENE	41 U	335.25	650	2400	2100
CHRYSENE	67 U	66.5 U	66 U	5700	5100
DIBENZO(A,H)ANTHRACENE	40 U	40 U	40 U	1300	1000
FLUORANTHENE	590 J	1045	1500 J	9000	13000
FLUORENE	32 U	32 U	32 U	420	660
INDENO(1,2,3-CD)PYRENE	480 J	890	1300 J	4600	3200
NAPHTHALENE	50 U	50 U	50 U	200	50 J
PHENANTHRENE	44 U	336	650	4700	6300
PYRENE	580 J	1240	1900 J	8700	11000
PCBS (UG/KG)					
AROCLOR-1260	84000000	81500000	79000000	3000000 U	7800
TOTAL AROCLOR	84000000	81500000	79000000	0 U	7800
TOTAL AROCLOR HALFND	115650000	100467500	85285000	4415000	9170
METALS (MG/KG)					
ARSENIC	2.5 J-	4.15	5.8 J-	2.6 J-	2.9 J-
BARIUM	260 J	260	260 J	170 J	200 J
CADMIUM	3.6 J	4.7	5.8 J	10 J	0.99 J
CHROMIUM	24 J	26.5	29 J	28 J	26 J
LEAD	190 J	210	230 J	180 J	30 J
MERCURY	0.56	0.59	0.62	0.24	0.94
SILVER	0.15 J	0.165	0.18 J	0.13 J	0.069 UJ
RADIONUCLIDES (PCI/G)					
THORIUM-228	0.429	0.429	NA	NA	NA
THORIUM-230	0.357 J	0.357 J	NA	NA	NA
THORIUM-232	0.421	0.421	NA	NA	NA
URANIUM-235	0.219	0.219	NA	NA	NA

Notes
FT BSS - feet below sump sediment surface
SD - sediment sample matrix
UG/KG - micrograms per kilogram
mg/kg - milligrams per kilogram
pci/g - picocuries per gram
PCB - polychlorinated biphenyl
U - analyte was not detected above laboratory detection limit
NJ - result is considered estimated and
J - estimated concentration
NA - sample not analyzed for given parameter

TABLE D-10
COMPARISON OF 1,2,4-TRICHLOROBENZENE IN GROUNDWATER
FIELD VERSUS LABORATORY MEASUREMENTS, FALL 2017
REMEDIAL ACTION PLAN, BLOCK E SOILS
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Field Screening Sample ID	Laboratory Sample ID	Sample Depth (ft)	Field-measured 1,2,4-TCB (mg/L)	Laboratory Result 1,2,4-TCB (mg/L)
DPTW-04	-	5-10	0.077	-
DPTW-04	-	10-15	0.01	-
DPTW-04	-	15-20	0.009	-
DPTW-04	-	20-25	0.104	-
DPTW-04	-	25-30	0	-
DPTW-05	-	5-10	0.063	-
DPTW-05	-	10-15	1.388	-
DPTW-05	-	15-20	1.867	-
DPTW-05	-	20-25	0	-
DPTW-05	-	25-30	0	-
DPTW-06	-	5-10	0.021	-
DPTW-06	-	10-15	0.011	-
DPTW-08	-	5-10	0	-
DPTW-08	-	10-15	0.027	-
DPTW-08	-	15-20	0.665	-
DPTW-08	-	20-25	0.525	-
DPTW-08	-	25-30	0	-
DPTW-10	**E-DPTW-10-05-10**	5-10	**0.033**	**0.029**
DPTW-10	-	10-15	0	-
DPTW-10	-	15-20	0	-
DPTW-10	-	20-25	0	-
DPTW-10	-	25-30	0.007	-
DPTW-11	-	5-10	0	-
DPTW-11	**E-DPTW-11-10-15**	10-15	**0.036**	**0.031 J**
DPTW-11	**E-DPTW-11-10-20**	15-20	**0.019**	**0.0092 J**
DPTW-11	-	20-25	0	-
DPTW-11	-	25-30	0	-
DPTW-12	-	5-10	0	-
DPTW-12	-	10-15	0	-
DPTW-12	**E-DPTW-12-15-20**	15-20	**0.122**	**0.095 J**
DPTW-12	-	20-25	0	
DPTW-12	-	25-30	0	
DPTW-13	**E-DPTW-13-05-10**	5-10	**0.038**	**0.024**
DPTW-13	-	10-15	0	-
DPTW-13	-	15-20	0.004	-
DPTW-13	-	20-25	0.003	-
DPTW-13	-	25-30	0	-
DPTW-14	**E-DPTW-14-05-10**	5-10	**0.157**	**3.6**

TABLE D-10
COMPARISON OF 1,2,4-TRICHLOROBENZENE IN GROUNDWATER
FIELD VERSUS LABORATORY MEASUREMENTS, FALL 2017
REMEDIAL ACTION PLAN, BLOCK E SOILS
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Field Screening Sample ID	Laboratory Sample ID	Sample Depth (ft)	Field-measured 1,2,4-TCB (mg/L)	Laboratory Result 1,2,4-TCB (mg/L)
DPTW-14	**E-DPTW-14-10-15**	10-15	**2.11**	**2**
DPTW-14	**E-DPTW-14-15-20**	15-20	**0.009**	**0.066**
DPTW-14	**E-DPTW-14-20-25**	20-25	**3.5**	**5.8**
DPTW-14	-	25-30	3.5	-
DPTW-17	-	5-10	0.679	-
DPTW-17	-	10-15	3	-
DPTW-17	-	15-20	0	-
DPTW-17	-	20-25	0	-
DPTW-17	-	25-30	0	-
DPTW-18	-	5-10	0	-
DPTW-18	-	10-15	0	-
DPTW-18	-	15-20	0	-
DPTW-18	-	20-25	0	-
DPTW-18	-	25-30	0	-
DPTW-19	-	5-10	0	-
DPTW-19	-	10-15	0	-
DPTW-19	-	15-20	0	-
DPTW-19	-	20-25	0	-
DPTW-19	-	25-30	0	-
DPTW-23	-	5-10	0.837	-
DPTW-23	-	10-15	0.113	-
DPTW-23	-	15-20	0.026	-
DPTW-23	-	20-25	0.018	-
DPTW-23	-	25-30	0	-
DPTW-24	-	5-10	0.013	-
DPTW-24	-	10-15	0.068	-
DPTW-24	-	15-20	0.02	-
DPTW-24	-	20-25	0.026	-
DPTW-24	-	25-30	0.007	-
DPTW-25	-	5-10	0.009	-
DPTW-25	-	10-15	0.007	-
DPTW-25	-	15-20	0	-
DPTW-25	-	20-25	0	-
DPTW-25	-	25-30	0	-
DPTW-26	**E-DPTW-26-05-10**	5-10	**0.0065**	**0.00027 U**
DPTW-26	**E-DPTW-26-10-15**	10-15	**0.005**	**0.00027 U**
DPTW-26	**E-DPTW-26-15-20**	15-20	**0**	**0.00027 U**
DPTW-26	**E-DPTW-26-20-25**	20-25	**0**	**0.00027 U**

TABLE D-10
COMPARISON OF 1,2,4-TRICHLOROBENZENE IN GROUNDWATER
FIELD VERSUS LABORATORY MEASUREMENTS, FALL 2017
REMEDIAL ACTION PLAN, BLOCK E SOILS
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Field Screening Sample ID	Laboratory Sample ID	Sample Depth (ft)	Field-measured 1,2,4-TCB (mg/L)	Laboratory Result 1,2,4-TCB (mg/L)
DPTW-26	-	25-30	0	-
DPTW-27	**E-DPTW-27-05-10**	5-10	**1.172**	**0.89**
DPTW-27	-	10-15	0	-
DPTW-27	-	15-20	0	-
DPTW-27	-	20-25	0	-
DPTW-27	-	25-30	0	-
DPTW-28	**E-DPTW-28-05-10**	**5-10**	**0.725**	**0.79**
DPTW-28	**E-DPTW-28-10-15**	**10-15**	**2.4**	**1.9**
DPTW-28	**E-DPTW-28-15-20**	**15-20**	**1.753**	**1.2**

Notes:

- No sample; no result

DPTW - direct-push technology water sample (groundwater sample collected at specified depth interval)

ft - feet

mg/L - milligrams per liter

TABLE D-11
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER
TEMPORARY MONITORING POINTS, BY ANALYTICAL GROUP
BLOCK E REMEDIAL ACTION PLAN SOILS
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,4-TRICHLOROBENZENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	ACETONE	BENZENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	47	25	24	0.7	100	NC	150	26	14000	1500	370
		AWQC	NC	NC	NC	0.076	3000	650	31	10	900	NC	NC	16
E-DPT-1024-15	E-DPT-1024	20131004	0.28 U	0.15 U	0.19 U	0.15 U	0.13 U	0.22 U	0.18 U	0.14 U	0.13 U	0.57 U	6.6 B	0.13 U
E-DPT-1024-20	E-DPT-1024	20131004	0.28 U	0.15 U	0.19 U	0.15 U	0.13 U	0.22 U	0.18 U	0.14 U	0.13 U	1.2 J	5.4 B	0.13 U
E-DPT-1024-25	E-DPT-1024	20131004	2.8 UL	1.5 UL	1.9 UL	1.5 UL	1.3 UL	2.2 UL	1.8 UL	1.4 UL	1.3 UL	5.7 UL	11 UL	1.3 UL
E-DPT-1024-30	E-DPT-1024	20131004	0.28 UL	0.93 J	0.3 J	0.15 UL	0.13 UL	0.22 UL	0.18 UL	0.14 UL	0.13 UL	0.57 UL	10 B	0.41 J
E-DPT-1027-25	E-DPT-1027	20131007	0.28 U	0.15 U	0.19 U	0.15 U	0.13 U	0.22 U	0.18 U	0.14 U	0.13 U	0.57 U	7.4 B	0.13 U
E-DPT-1027-30	E-DPT-1027	20131007	0.28 U	1.4	0.39 J	0.15 U	0.13 U	0.22 U	0.18 U	0.14 U	0.13 U	4.2 J	8.2 B	0.29 J
E-DPT-1029-15	E-DPT-1029	20131010	1.4 U	0.75 U	0.95 U	0.75 U	0.65 U	1.1 U	0.9 U	0.7 U	0.65 U	2.9 U	11 B	0.65 U
E-DPT-1029-20	E-DPT-1029	20131010	7 U	3.8 U	4.8 U	3.8 U	3.3 U	5.5 U	4.5 U	3.5 U	3.3 U	14 U	31 B	3.3 U
E-DPT-1029-25	E-DPT-1029	20131010	930 U	500 U	630 U	500 U	430 U	730 U	600 U	470 U	430 U	1900 U	3700 U	430 U
E-DPT-1029-30	E-DPT-1029	20131010	5600 U	3000 U	3800 U	3000 U	2600 U	4400 U	3600 U	2800 U	2600 U	11000 U	22000 U	2600 U
E-DPT-1032-15	E-DPT-1032	20131009	700 U	380 U	480 U	380 U	330 U	550 U	450 U	350 U	330 U	1400 U	2800 U	330 U
E-DPT-1032-20	E-DPT-1032	20131009	1400 U	750 U	950 U	750 U	650 U	1100 U	900 U	700 U	650 U	2900 U	5500 U	650 U
E-DPT-1032-25	E-DPT-1032	20131009	14 U	7.5 U	9.5 U	7.5 U	6.5 U	11 U	9 U	7 U	6.5 U	29 U	62 B	6.5 U
E-DPT-1032-30	E-DPT-1032	20131009	40 U	21 U	27 U	21 U	19 U	31 U	26 U	20 U	19 U	81 U	160 U	19 U
E-DPT-1034-20	E-DPT-1034	20131008	16 J	5 U	6.3 U	5 U	4.3 U	7.3 U	6 U	4.7 U	4.3 U	19 U	100 B	4.3 U
E-DPT-1034-25	E-DPT-1034	20131008	0.28 U	0.15 U	0.19 U	0.15 U	0.13 U	0.22 U	0.18 U	0.14 U	0.13 U	0.57 U	2.6 B	0.13 U
E-DPT-1034-30	E-DPT-1034	20131008	0.28 U	1.3	0.29 J	0.15 U	0.13 U	0.22 U	0.18 U	0.14 U	0.13 U	0.57 U	6.4 B	0.13 U
E-DPT-1035-20	E-DPT-1035	20131009	1400 U	750 U	950 U	750 U	650 U	1100 U	900 U	700 U	650 U	2900 U	5500 U	650 U
E-DPT-1035-25	E-DPT-1035	20131009	35 U	19 U	24 U	19 U	16 U	28 U	23 U	18 U	16 U	71 U	140 U	16 U
E-DPT-1035-30	E-DPT-1035	20131009	4.7 U	2.5 U	3.2 U	2.5 U	2.2 U	3.7 U	3 U	2.3 U	2.2 U	9.5 U	20 B	2.2 U
E-DPT-1035-35	E-DPT-1035	20131009	3.5 UL	1.9 UL	4.3 J	1.9 UL	1.6 UL	2.8 UL	2.3 UL	1.8 UL	1.6 UL	7.1 UL	28 B	1.6 UL
E-DPT-1036-15	E-DPT-1036	20131009	22 U	12 U	15 U	12 U	10 U	17 U	14 U	11 U	10 U	44 U	85 U	10 U
E-DPT-1036-20	E-DPT-1036	20131009	93 U	50 U	63 U	50 U	43 U	73 U	60 U	47 U	43 U	190 U	370 U	43 U
E-DPT-1036-25	E-DPT-1036	20131009	14 U	7.5 U	9.5 U	7.5 U	6.5 U	11 U	9 U	7 U	6.5 U	29 U	55 U	6.5 U
E-DPT-1036-30	E-DPT-1036	20131009	3.1 U	1.7 U	2.1 U	1.7 U	1.4 U	2.4 U	2 U	1.6 U	1.4 U	6.3 U	15 B	1.4 U
E-DPT-1036-35	E-DPT-1036	20131009	0.7 U	0.38 U	0.48 U	0.38 U	0.33 U	0.55 U	0.45 U	0.35 U	0.33 U	1.4 U	8.1 B	0.33 U
E-DPT-1038-15	E-DPT-1038	20131008	850 J	250 U	320 U	250 U	220 U	370 U	300 U	230 U	220 U	950 U	2100 B	220 U
E-DPT-1038-20	E-DPT-1038	20131008	700 U	380 U	480 U	380 U	330 U	550 U	450 U	350 U	330 U	1400 U	3700 B	330 U
E-DPT-1038-25	E-DPT-1038	20131008	280 U	150 U	190 U	150 U	130 U	220 U	180 U	140 U	130 U	570 U	1100 U	130 U
E-DPT-1038-30	E-DPT-1038	20131008	1.4 U	0.75 U	0.95 U	0.75 U	0.65 U	1.1 U	0.9 U	0.7 U	0.65 U	2.9 U	11 B	0.65 U
E-DPTW-10-05-10	E-DPTW-10	20171005	3.4 U	2.7 J	2.2 U	**29**	2.2 U	5.8 J	2.5 U	2.7 U	5.6 J	8.5 U	16 J	2.3 U
E-DPTW-11-10-15	E-DPTW-11	20171005	16 U	10 U	11 U	**31 J**	10 U	**1300**	12 U	13 U	9.2 U	41 U	70 U	**17 J**
E-DPTW-11-10-20	E-DPTW-11	20171005	8.2 U	5 U	5.4 U	**9.2 J**	5.2 U	**890**	6.8 J	6.4 U	4.6 U	20 U	35 U	9.1 J
E-DPTW-12-15-20	E-DPTW-12	20171005	41 U	25 U	27 U	**95 J**	26 U	**4000**	**37 J**	32 U	**28 J**	100 U	180 U	**38 J**
E-DPTW-13-05-10	E-DPTW-13	20171006	0.41 U	0.25 U	0.27 U	**24**	**1.5**	6.1	0.3 U	**15**	11	1.4 J	21	0.28 U
E-DPTW-14-05-10	E-DPTW-14	20171002	100 U	63 U	68 U	**3600**	**100 J**	75 U	75 U	80 U	**140 J**	260 U	440 U	70 U
E-DPTW-14-10-15	E-DPTW-14	20171002	51 U	31 U	34 U	**2000**	**39 J**	38 U	38 U	40 U	**46 J**	130 U	220 U	35 U
E-DPTW-14-15-20	E-DPTW-14	20171002	0.82 UJ	0.5 U	0.54 U	**66**	**0.78 J**	0.6 U	0.6 U	0.64 U	1.1 J	2.1 J	8.7 J	0.56 U
E-DPTW-14-20-25	E-DPTW-14	20171002	82 U	50 U	54 U	**5800**	**82 J**	60 U	60 U	64 U	**110 J**	200 U	350 U	56 U
E-DPTW-26-05-10	E-DPTW-26	20171011	0.41 U	0.25 U	0.27 U	0.27 U	0.26 U	0.3 U	0.3 U	0.32 U	0.23 U	1 UJ	16 J	0.28 U
E-DPTW-26-10-15	E-DPTW-26	20171011	0.41 U	0.25 U	0.27 U	0.27 U	0.26 U	0.3 U	0.3 U	0.32 U	0.23 U	1 UJ	3.8 J	0.28 U
E-DPTW-26-15-20	E-DPTW-26	20171011	0.41 U	0.25 U	0.27 U	0.27 U	0.26 U	0.3 U	0.3 U	0.32 U	0.23 U	1 UJ	3.1 J	1.4
E-DPTW-26-20-25	E-DPTW-26	20171011	0.41 U	0.25 U	0.27 U	0.27 U	0.26 U	0.3 U	0.3 U	0.32 U	0.23 U	1 U	10	2.9
E-DPTW-27-05-10	E-DPTW-27	20171011	16 U	10 U	11 U	**890**	**18 J**	12 U	12 U	**32 J**	**36 J**	41 U	70 U	11 U
E-DPTW-28-05-10	E-DPTW-28	20171011	16 U	10 U	11 U	**790**	**15 J**	12 U	12 U	**230**	**41**	41 U	70 U	11 U
E-DPTW-28-10-15	E-DPTW-28	20171011	41 U	25 U	27 U	**1900**	26 U	30 U	30 U	32 U	23 U	100 U	180 U	28 U
E-DPTW-28-15-20	E-DPTW-28	20171011	41 U	25 U	27 U	**1200**	26 U	30 U	30 U	32 U	23 U	100 U	180 U	28 U

TABLE D-11
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER
TEMPORARY MONITORING POINTS, BY ANALYTICAL GROUP
BLOCK E REMEDIAL ACTION PLAN SOILS
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND
PAGE 2 OF 2

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)												
			CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	0.92	13.3	1.3	1.8	NC	11070	98.1	NC	111	2	970	21	NC	930
		AWQC	NC	5	800	2000	NC	NC	1000	NC	29	520	4000	7	NC	1.6
E-DPT-1024-15	E-DPT-1024	20131004	0.16 B	0.13 U	0.15 U	0.16 U	0.17 U	0.17 U	0.33 U	3.9 UR	0.29 U	0.13 U	0.19 U	0.51 J	0.21 U	0.22 U
E-DPT-1024-20	E-DPT-1024	20131004	0.82 B	0.13 U	0.15 U	0.16 U	0.17 U	0.17 U	0.33 U	3.9 UR	0.29 U	0.13 U	0.19 U	1.5	0.21 U	0.22 U
E-DPT-1024-25	E-DPT-1024	20131004	1.3 UL	1.3 UL	1.5 UL	4.5 B	1.7 UL	2.9 J	3.3 UL	39 UR	2.9 UL	1.3 UL	1.9 UL	**300 L**	2.1 UL	2.2 UL
E-DPT-1024-30	E-DPT-1024	20131004	**1.8 L**	0.13 UL	0.15 UL	4.2 B	20 L	30 L	0.33 UL	22 J	0.29 UL	0.25 J	0.19 UL	**23 L**	0.21 UL	**2.5 L**
E-DPT-1027-25	E-DPT-1027	20131007	0.18 B	0.13 U	0.15 U	0.16 U	0.64 J	0.17 U	0.33 U	3.9 UR	0.29 U	0.13 U	0.19 U	**13**	0.21 U	0.22 U
E-DPT-1027-30	E-DPT-1027	20131007	0.71 B	0.74 J	0.15 U	**7.6**	30	47	0.33 U	27 J	0.29 U	0.13 U	0.19 U	**58**	0.21 U	**2.7**
E-DPT-1029-15	E-DPT-1029	20131010	0.65 U	0.65 U	0.75 U	0.8 U	8.4	0.85 U	1.7 U	20 UR	1.5 U	0.65 U	0.95 U	**320**	1.1 U	1.1 U
E-DPT-1029-20	E-DPT-1029	20131010	3.3 U	3.3 U	3.8 U	4 U	13 J	4.3 U	8.3 U	98 UR	7.3 U	3.3 U	4.8 U	**1600**	5.3 U	5.5 U
E-DPT-1029-25	E-DPT-1029	20131010	430 U	430 U	500 U	530 U	570 U	570 U	1100 U	13000 UR	970 U	430 U	630 U	**220000**	700 U	730 U
E-DPT-1029-30	E-DPT-1029	20131010	2600 U	2600 U	3000 U	3200 U	3400 U	3400 U	6600 U	78000 UR	5800 U	2600 U	3800 U	**1200000**	4200 U	4400 U
E-DPT-1032-15	E-DPT-1032	20131009	330 U	330 U	380 U	400 U	430 U	430 U	830 U	9800 UR	730 U	330 U	480 U	**64000**	530 U	550 U
E-DPT-1032-20	E-DPT-1032	20131009	650 U	650 U	750 U	800 U	850 U	850 U	1700 U	20000 UR	1500 U	650 U	950 U	**93000**	1100 U	1100 U
E-DPT-1032-25	E-DPT-1032	20131009	6.5 U	6.5 U	7.5 U	8 U	8.5 U	8.5 U	17 U	200 UR	15 U	6.5 U	9.5 U	**1300**	11 U	11 U
E-DPT-1032-30	E-DPT-1032	20131009	19 U	19 U	21 U	23 U	24 U	24 U	47 U	560 UR	41 U	19 U	27 U	**2500**	30 U	31 U
E-DPT-1034-20	E-DPT-1034	20131008	4.3 U	4.3 U	5 U	5.3 U	67	5.7 U	11 U	130 UR	9.7 U	4.3 U	6.3 U	**2300**	7 U	**11 J**
E-DPT-1034-25	E-DPT-1034	20131008	0.18 B	0.13 U	0.15 U	0.18 B	0.17 U	0.17 U	0.33 U	3.9 UR	0.29 U	0.13 U	0.19 U	**14**	0.21 U	0.22 U
E-DPT-1034-30	E-DPT-1034	20131008	0.15 B	**8.2**	0.15 U	**9**	22	41	0.33 U	3.9 UR	0.29 U	0.13 U	0.19 U	**21**	0.21 U	0.72 J
E-DPT-1035-20	E-DPT-1035	20131009	650 U	650 U	750 U	800 U	850 U	850 U	1700 U	20000 UR	1500 U	650 U	950 U	**120000**	1100 U	1100 U
E-DPT-1035-25	E-DPT-1035	20131009	16 U	16 U	19 U	20 U	21 U	21 U	41 U	490 UR	36 U	16 U	24 U	**2800**	26 U	28 U
E-DPT-1035-30	E-DPT-1035	20131009	2.2 U	3.5 J	2.5 U	5.6 B	17	23	5.5 U	65 UR	4.8 U	2.2 U	3.2 U	**430**	3.5 U	3.7 U
E-DPT-1035-35	E-DPT-1035	20131009	1.6 UL	1.6 UL	1.9 UL	2 UL	6.2 J	9.9 J	4.1 UL	49 UR	3.6 UL	1.6 UL	2.4 UL	**270 L**	2.6 UL	2.8 UL
E-DPT-1036-15	E-DPT-1036	20131009	10 U	10 U	12 U	12 U	80	13 U	25 U	300 UR	22 U	10 U	15 U	**1600**	16 U	17 U
E-DPT-1036-20	E-DPT-1036	20131009	43 U	43 U	50 U	53 U	250 J	57 U	110 U	1300 UR	97 U	43 U	63 U	**7700**	70 U	73 U
E-DPT-1036-25	E-DPT-1036	20131009	6.5 U	6.5 U	7.5 U	8 U	8.5 U	8.5 U	17 U	200 UR	15 U	6.5 U	9.5 U	**1100**	11 U	11 U
E-DPT-1036-30	E-DPT-1036	20131009	1.4 U	1.4 U	1.7 U	1.8 U	16	2.1 J	3.7 U	43 UR	3.2 U	1.4 U	2.1 U	**320**	2.3 U	2.4 U
E-DPT-1036-35	E-DPT-1036	20131009	0.33 U	0.9 J	0.38 U	1.9 B	5.9	4.7	0.83 U	9.8 UR	0.73 U	0.33 U	0.48 U	**69**	0.53 U	0.55 U
E-DPT-1038-15	E-DPT-1038	20131008	220 U	220 U	250 U	270 U	280 U	280 U	550 U	6500 UR	480 U	220 U	320 U	**83000**	350 U	370 U
E-DPT-1038-20	E-DPT-1038	20131008	330 U	330 U	380 U	400 U	430 U	430 U	830 U	9800 UR	730 U	330 U	480 U	**130000**	530 U	550 U
E-DPT-1038-25	E-DPT-1038	20131008	130 U	130 U	150 U	160 U	170 U	170 U	330 U	3900 UR	290 U	130 U	190 U	**52000**	210 U	220 U
E-DPT-1038-30	E-DPT-1038	20131008	0.65 U	2.9 J	0.75 U	**4.2 J**	11	9.6	1.7 U	20 UR	1.5 U	0.65 U	0.95 U	**320**	1.1 U	1.1 U
E-DPTW-10-05-10	E-DPTW-10	20171005	2.8 U	2.9 U	**9.1**	2.6 U	2.6 J	2.2 U	6.1 U	--	4.9 J	1.9 U	2.4 U	2.7 U	290	3.7 UJ
E-DPTW-11-10-15	E-DPTW-11	20171005	14 U	14 U	**690**	12 U	12 U	11 U	32 U	--	12 U	9.2 U	12 U	13 U	20 U	18 UJ
E-DPTW-11-10-20	E-DPTW-11	20171005	6.8 U	7 U	**310**	6.2 U	6 U	5.4 U	18 U	--	6 U	4.6 U	5.8 U	6.6 U	10 U	9 UJ
E-DPTW-12-15-20	E-DPTW-12	20171005	34 U	35 U	**2600**	31 U	30 U	27 U	87 U	--	30 U	23 U	29 U	33 U	50 U	45 UJ
E-DPTW-13-05-10	E-DPTW-13	20171006	0.34 U	0.35 U	**25**	0.31 U	0.3 U	0.27 U	0.53 U	--	0.3 U	0.23 U	0.29 U	0.33 U	0.5 U	0.45 UJ
E-DPTW-14-05-10	E-DPTW-14	20171002	85 UJ	88 U	80 U	78 U	75 U	68 U	**200 J**	--	75 U	58 U	73 U	83 U	130 U	110 U
E-DPTW-14-10-15	E-DPTW-14	20171002	43 UJ	44 U	40 U	39 U	38 U	34 U	**100 J**	--	38 U	29 U	36 U	41 U	63 U	56 U
E-DPTW-14-15-20	E-DPTW-14	20171002	0.72 J	0.7 U	0.64 U	0.62 U	6.1	8.3	1.1 U	--	0.6 U	0.46 U	0.67 J	1.2 J	1 UJ	0.9 U
E-DPTW-14-20-25	E-DPTW-14	20171002	68 UJ	70 U	64 U	62 U	60 U	54 U	150 U	--	60 U	46 U	58 U	66 U	100 U	90 U
E-DPTW-26-05-10	E-DPTW-26	20171011	0.34 U	0.35 U	0.32 U	0.31 U	0.3 U	0.27 U	0.53 U	--	0.3 U	0.23 U	0.29 U	0.33 U	0.5 U	0.45 U
E-DPTW-26-10-15	E-DPTW-26	20171011	**0.93 J**	0.35 U	0.32 U	0.31 U	0.3 U	0.27 U	0.53 U	--	0.3 U	0.23 U	0.29 U	0.33 U	0.5 U	0.45 U
E-DPTW-26-15-20	E-DPTW-26	20171011	0.37 J	0.35 U	0.32 U	0.31 U	0.3 U	0.27 U	0.54 J	--	0.3 U	0.23 U	0.29 U	0.33 U	0.5 U	0.45 U
E-DPTW-26-20-25	E-DPTW-26	20171011	**0.95 J**	0.35 UJ	0.32 U	0.31 U	0.3 U	0.27 U	0.53 U	--	0.3 U	0.23 U	0.29 U	0.33 U	0.5 U	0.45 U
E-DPTW-27-05-10	E-DPTW-27	20171011	14 U	14 UJ	**19 J**	12 U	12 U	11 U	22 U	--	12 U	9.2 U	12 U	13 U	20 U	18 U
E-DPTW-28-05-10	E-DPTW-28	20171011	14 U	14 UJ	13 U	12 U	12 U	11 U	21 U	--	12 U	9.2 U	12 U	13 U	20 U	18 U
E-DPTW-28-10-15	E-DPTW-28	20171011	34 U	35 UJ	32 U	31 U	30 U	27 U	53 U	--	30 U	23 U	29 U	33 U	50 U	45 U
E-DPTW-28-15-20	E-DPTW-28	20171011	34 U	35 UJ	32 U	31 U	30 U	27 U	54 U	--	30 U	23 U	29 U	33 U	50 U	45 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURA	DISSOLVED METALS (UG/L)														
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MOLYBDENUM	NICKEL	SELENIUM	VANADIUM
			MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	340	NC	NC	1.8	16	NC	13	NC	65	NC	NC	470	20	NC
		NRWQC Chronic	NC	NC	150	NC	NC	0.72	11	NC	9	NC	2.5	NC	NC	52	5	NC
		BTAG	3E-06	30	5	4	0.66	0.25	85	23	9	300	2.5	120	73	52	1	20
		AWQC	5E-06	640	0.14	NC	NC	NC	NC	NC	NC	NC	NC	100	NC	4600	4200	NC
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116-AVG	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116-D	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-4-042116	E-USW-4	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-5-042116	E-USW-5	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	FILTERED (0.10) METALS (UG/L)															
			ZINC	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	COBALT	COPPER	LEAD	NICKEL	VANADIUM	ZINC	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	120	340	NC	NC	2	NC	13	65	470	NC	120	340	NC	NC	2	16
		NRWQC Chronic	120	150	NC	NC	0.25	NC	9	2.5	52	NC	120	150	NC	NC	0.25	11
		BTAG	120	5	4	0.66	0.25	23	9	2.5	52	20	120	5	4	0.66	0.25	85
		AWQC	26000	0.14	NC	NC	NC	NC	NC	NC	4600	NC	26000	0.14	NC	NC	NC	NC
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116-AVG	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116-D	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-4-042116	E-USW-4	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-5-042116	E-USW-5	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	FILTERED (0.45) METALS (UG/L)															
			COBALT	COPPER	LEAD	MOLYBDENUM	NICKEL	SELENIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	13	65	NC	470	20	NC	120	750	NC	340	NC	NC	2	NC	16
		NRWQC Chronic	NC	9	2.5	NC	52	5	NC	120	87	NC	150	NC	NC	0.25	NC	11
		BTAG	23	9	2.5	73	52	1	20	120	87	30	5	4	0.66	0.25	116000	85
		AWQC	NC	NC	NC	NC	4600	4200	NC	26000	NC	640	0.14	NC	NC	NC	NC	NC
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	2.9 U	47 U	--	0.14 U	--	2.2 J
E-USW-1-042116-AVG	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	2.9 U	47 U	--	0.14 U	--	2.1
E-USW-1-042116-D	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	2.9 U	47 U	--	0.14 U	--	2 J
E-USW-4-042116	E-USW-4	20160421	--	--	--	--	--	--	--	--	--	--	**3.9 J**	23 U	--	0.15 J	--	6.2 J
E-USW-5-042116	E-USW-5	20160421	--	--	--	--	--	--	--	--	--	--	2.9 U	35 U	--	0.14 U	--	1.2 J
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)															
			COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE	SILVER	SODIUM	THALLIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	13	NC	65	NC	NC	NC	NC	470	NC	20	NC	NC	3.2	NC	NC
		NRWQC Chronic	NC	9	NC	2.5	NC	NC	NC	NC	52	NC	5	NC	NC	NC	NC	NC
		BTAG	23	9	300	2.5	82000	120	0.026	73	52	53000	1	NC	NC	3.2	680000	0.8
		AWQC	NC	NC	NC	NC	NC	100	NC	NC	4600	NC	4200	NC	NC	NC	NC	0.47
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	--	--	1.9 U	--	--	0.09 U	--	--	--	4 U	--	--	0.92 U	--	--
E-USW-1-042116-AVG	E-USW-1	20160421	--	--	--	1.9 U	--	--	0.09 U	--	--	--	4 U	--	--	0.92 U	--	--
E-USW-1-042116-D	E-USW-1	20160421	--	--	--	1.9 U	--	--	0.09 U	--	--	--	4 U	--	--	0.92 U	--	--
E-USW-4-042116	E-USW-4	20160421	--	--	--	**14**	--	--	0.09 U	--	--	--	4 U	--	--	0.92 U	--	--
E-USW-5-042116	E-USW-5	20160421	--	--	--	1.9 U	--	--	0.09 U	--	--	--	4 U	--	--	0.92 U	--	--
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE				MICROBIOLOGICAL (CELLS/ML)														
			URANIUM-238	VANADIUM	ZINC	DEHALOBACTER	DEHALOCOCCOIDES	TCE R-DASE	ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON
			UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		NRWQC Acute	NC	NC	120	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.022	NC
		NRWQC Chronic	NC	NC	120	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.0052	NC
		BTAG	2.6	20	120	NC	NC	NC	NC	0.019	0.019	NC	NC	NC	NC	230	0.005	NC
		AWQC	NC	NC	26000	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	0.04 J	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	0.019 U	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	0.043 J	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	0.019 J	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	0.019 U	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	0.019 J	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	0.081 J	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	0.019 U	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	0.019 U	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	0.019 U	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	0.11 J	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	3.1	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	5	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	110	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	82	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	0.085 J	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	4.4	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	25	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	6.4	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	7.9	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	23	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116-AVG	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116-D	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-4-042116	E-USW-4	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-5-042116	E-USW-5	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	0.1	--	--	94	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	0.1	--	--	100	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	0.05 U	--	--	43	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	0.019 U	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	0.094	--	--	94	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	0.098	--	--	93	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	0.05 U	--	--	52	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	0.094	--	--	98	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	0.078	--	--	97	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	0.12	--	--	93	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	0.41 J	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	0.054 J	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	0.063 J	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)															
			HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE-N	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL SUSPENDED SOLIDS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		NRWQC Acute	0.016	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	0.011	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	0.011	NC	NC	0.02	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		AWQC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116-AVG	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116-D	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-4-042116	E-USW-4	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-5-042116	E-USW-5	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	1.8	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	1.4	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOU	MISCELLANEOUS PARAMETERS		PCB HOMOLOGS (UG/L)						PCB HOMOLOGS, FILTERED		PCBS (UG/L)			
			PH	BROMIDE	PERCHLORATE	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	AROCLOR-1254	AROCLOR-1260	DICHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
			S.U.	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	NC	NC	0.014	0.014
		BTAG	NC	NC	NC	7E-05	NC	NC	7E-05	7E-05	NC	NC	7E-05	7E-05	7E-05	7E-05	7E-05	7E-05
		AWQC	NC	NC	NC	6E-05	NC	NC	6E-05	6E-05	NC	NC	6E-05	6E-05	6E-05	6E-05	6E-05	6E-05
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	--	--	0.005 U	0.029 U	**0.074 J**	0.005 U	**0.061 J**	0.012 U	0.006 U	--	--	0.029 U	**0.27 J**	--	--
E-USW-1-042116-AVG	E-USW-1	20160421	--	--	--	0.005 U	**0.035**	**0.102**	0.005 U	**0.053**	0.012 U	0.006 U	--	--	0.029 U	**0.225**	--	--
E-USW-1-042116-D	E-USW-1	20160421	--	--	--	0.005 U	**0.055 J**	**0.13 J**	0.005 U	**0.045 J**	0.012 U	0.006 U	--	--	0.029 U	**0.18 J**	--	--
E-USW-4-042116	E-USW-4	20160421	--	--	--	0.005 U	**0.087 J**	**0.18 J**	0.006 U	0.014 U	0.013 U	0.006 U	--	--	0.029 U	**0.41**	--	--
E-USW-5-042116	E-USW-5	20160421	--	--	--	0.005 U	0.029 U	**0.022 J**	0.005 U	0.013 U	0.012 U	0.006 U	--	--	0.029 U	**0.16**	--	--
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE				PETROLEUM	PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)				SEMIVOLATILE			
			PENTACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND	OIL & GREASE - HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-230	URANIUM-233/234	URANIUM-235	URANIUM-238	1,4-DIOXANE	1,4-DIOXANE	2,4,5-TRICHLOROPHENOL	2,4-DICHLOROPHENOL
			UG/L	UG/L	UG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	0.014	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	7E-05	7E-05	7E-05	NC	NC	NC	NC	NC	NC	2.6	2.6	2.6	NC	22000	NC	11
		AWQC	6E-05	6E-05	6E-05	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	600	60
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	0.27	0.505	--	--	--	--	--	0.228	1.62	--	0.572	--	1.6	0.29 U	0.18 U
E-USW-1-042116-AVG	E-USW-1	20160421	--	0.225	0.46	--	--	--	--	--	0.207	1.56	--	0.527	--	1.65	0.29 U	0.18 U
E-USW-1-042116-D	E-USW-1	20160421	--	0.18	0.415	--	--	--	--	--	0.185	1.5	--	0.482	--	1.7	0.29 U	0.18 U
E-USW-4-042116	E-USW-4	20160421	--	0.41	0.645	--	--	--	--	--	0.278	0.442	--	0.522	--	0.49 U	0.3 U	0.19 U
E-USW-5-042116	E-USW-5	20160421	--	0.16	0.395	--	--	--	--	--	0.12	0.919	--	0.36	--	0.91 J	0.29 U	0.18 U
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)															
			2-CHLOROPHENOL	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	24	4.7	5.8	NC	0.012	NC	NC	0.018	0.015	NC	NC	NC	16	19	NC	NC
		AWQC	800	NC	90	NC	400	NC	NC	0.0013	0.0001	0.0013	NC	0.013	0.37	0.1	NC	NC
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	0.28 U	0.086 U	0.042 U	0.046 U	0.084 U	0.049 U	0.049 U	0.028 U	0.049 U	0.038 U	0.044 U	0.043 U	1.6 U	0.25 U	0.19 U	0.27 U
E-USW-1-042116-AVG	E-USW-1	20160421	0.28 U	0.086 U	0.042 U	0.046 U	0.084 U	0.049 U	0.049 U	0.028 U	0.049 U	0.038 U	0.044 U	0.043 U	1.6 U	0.25 U	0.19 U	0.27 U
E-USW-1-042116-D	E-USW-1	20160421	0.28 U	0.086 U	0.042 U	0.046 U	0.084 U	0.049 U	0.049 U	0.028 U	0.049 U	0.038 U	0.044 U	0.043 U	1.6 U	0.25 U	0.19 U	0.27 U
E-USW-4-042116	E-USW-4	20160421	0.29 U	0.09 U	0.38	0.11 J	**0.74**	6.746	6.746	**4.3**	**4.6**	**6.4**	3.7	**3.1**	1.7 U	0.26 U	0.2 U	0.48 J
E-USW-5-042116	E-USW-5	20160421	0.28 U	0.13 J	0.042 U	0.046 U	0.084 U	0.049 U	0.049 U	0.028 U	0.049 U	0.038 U	0.044 U	0.043 U	1.6 U	0.25 U	0.19 U	0.27 U
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE											TENTATIVELY IDENTIFIED COMPOUNI				
			CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	NC	3.7	210	0.04	3	NC	1.1	0.4	4	0.025	NC	NC	NC	NC	NC
		AWQC	0.13	0.0001	NC	600	20	70	0.0013	NC	NC	300000	30	NC	NC	NC	400	NC
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	0.048 U	0.042 U	0.019 U	0.57 U	0.042 U	0.039 U	0.041 U	0.06 U	0.059 U	0.57 U	0.04 U	--	--	--	--	--
E-USW-1-042116-AVG	E-USW-1	20160421	0.048 U	0.042 U	0.019 U	0.57 U	0.042 U	0.039 U	0.041 U	0.06 U	0.059 U	0.57 U	0.04 U	--	--	--	--	--
E-USW-1-042116-D	E-USW-1	20160421	0.048 U	0.042 U	0.019 U	0.57 U	0.042 U	0.039 U	0.041 U	0.06 U	0.059 U	0.57 U	0.04 U	--	--	--	--	--
E-USW-4-042116	E-USW-4	20160421	**5.2**	**0.75**	0.02 U	0.59 U	**8.8**	0.22	**2.9**	0.062 U	**3.9**	0.59 U	**7.8**	--	--	--	--	--
E-USW-5-042116	E-USW-5	20160421	0.048 U	0.042 U	0.019 U	0.57 U	0.042 U	0.039 U	0.041 U	0.15 J	0.059 U	0.57 U	0.04 U	--	--	--	--	--
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	OS-VOLATILES (UG/L)				VOLATILE GASES (UG/L)											
			DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	ETHANE	ETHENE	METHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	NC	NC	NC	NC	NC	NC	1200	NC	47	25	8	NC	24	33	0.7
		AWQC	NC	NC	NC	NC	NC	NC	NC	8.9	NC	NC	20000	NC	NC	0.076	NC	3000
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	--	--	--	--	--	--	0.45 U	0.3 U	0.45 U	0.37 UJ	0.47 U	**0.83 J**	0.41 U	0.25 U	
E-USW-1-042116-AVG	E-USW-1	20160421	--	--	--	--	--	--	--	0.45 U	0.3 U	0.45 U	0.37 U	0.47 U	**0.495**	0.41 U	0.25 U	
E-USW-1-042116-D	E-USW-1	20160421	--	--	--	--	--	--	--	0.45 U	0.3 U	0.45 U	0.37 UJ	0.47 U	0.32 UJ	0.41 U	0.25 U	
E-USW-4-042116	E-USW-4	20160421	--	--	--	--	--	--	--	0.45 U	0.3 U	0.45 U	0.37 UJ	0.47 U	0.32 UJ	0.41 U	0.25 U	
E-USW-5-042116	E-USW-5	20160421	--	--	--	--	--	--	--	0.45 U	0.3 U	0.45 U	0.37 UJ	0.47 U	0.32 UJ	0.41 U	0.25 U	
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	0.45 U	0.46 J	0.45 U	1.2 J	0.47 U	**9.2 J**	0.41 U	**1.4**	
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	1100 U	750 U	1100 U	930 UJ	1200 U	800 UJ	1000 U	630 U	
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	1.1 U	0.75 U	1.1 U	0.93 U	1.2 U	0.8 U	1 U	0.63 U	
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	0.45 U	1	0.45 U	0.37 U	0.47 U	0.32 UJ	0.41 U	0.25 U	
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	18 U	12 U	18 U	15 U	19 U	13 U	16 U	10 U	
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	0.45 U	0.3 U	0.45 U	0.37 U	0.47 U	0.32 U	0.41 U	0.25 U	
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	2.3 U	1.5 U	2.3 U	1.9 UJ	2.4 U	1.6 UJ	2.1 U	1.3 U	
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	4.5 U	3 U	4.5 U	3.7 UJ	4.7 U	3.2 UJ	4.1 U	2.5 U	
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	110 U	75 U	110 U	93 UJ	120 U	80 UJ	100 U	63 U	
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	30 U	20 U	30 U	25 UJ	31 U	21 UJ	27 U	17 U	
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	1.5 U	1 U	1.5 U	1.2 U	1.6 U	1.1 U	1.4 U	0.83 U	
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	0.45 U	0.3 U	0.45 U	0.37 U	0.47 U	0.32 UJ	0.41 U	0.25 U	
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	3.6 U	2.4 U	3.6 U	3 U	3.8 U	2.6 U	3.3 U	2 U	
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	56 U	38 U	56 U	46 U	59 U	40 U	51 U	31 U	
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	150 U	100 U	150 U	120 U	160 U	110 U	140 U	83 U	
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	0.9 U	0.6 U	0.9 U	0.74 UJ	0.94 U	0.64 U	0.82 U	0.5 U	

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	2-HEXANONE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMODICHLOROMETHANE	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	100	NC	71	150	26	14000	99	85	170	1500	370	NC	NC	0.92	13.3	1.3
		AWQC	650	31	NC	10	900	NC	NC	NC	NC	NC	16	27	10000	NC	5	800
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	0.23 U	0.25 U	--	1.3	1.3	0.53 U	0.48 U	0.43 U	0.99 UJ	0.94 U	0.35 U	0.29 U	0.44 U	0.38 U	0.47 J	**2.9 J**
E-USW-1-042116-AVG	E-USW-1	20160421	0.23 U	0.25 U	--	0.755	0.718	0.53 U	0.48 U	0.43 U	0.99 U	0.94 U	0.35 U	0.29 U	0.44 U	0.38 U	0.343	**1.513**
E-USW-1-042116-D	E-USW-1	20160421	0.23 U	0.25 U	--	0.21 J	0.27 U	0.53 U	0.48 U	0.43 U	0.99 UJ	0.94 U	0.35 U	0.29 U	0.44 U	0.38 U	0.43 U	0.25 UJ
E-USW-4-042116	E-USW-4	20160421	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 U	0.48 U	0.43 U	0.99 UJ	2.6 J	0.35 U	0.29 U	0.44 U	0.38 U	0.43 U	0.25 U
E-USW-5-042116	E-USW-5	20160421	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 U	0.48 U	0.43 U	0.99 UJ	0.94 U	0.35 U	0.29 U	0.44 U	0.38 U	0.43 U	0.25 U
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	0.27 J	0.25 U	--	8.4	11	0.53 U	0.48 U	0.43 U	0.99 U	1.6 J	0.64 J	0.29 U	0.44 U	0.38 U	0.43 U	**18**
IW-E-041116	IWE-E	20160411	580 U	630 U	--	480 U	680 U	1300 U	1200 U	1100 U	2500 U	2400 UJ	880 U	730 U	1100 UJ	950 U	1100 U	630 U
IWE-10-040516	IWE-10	20160405	0.58 U	0.63 U	--	0.48 U	0.68 U	1.3 U	1.2 UJ	1.1 U	2.5 UJ	14 J	0.88 U	0.73 U	1.1 UJ	0.95 U	1.1 U	0.63 U
IWE-1-040416	IWE-01	20160404	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 U	0.48 U	0.43 U	0.99 U	0.94 U	0.35 U	0.29 U	0.44 UJ	0.38 U	0.43 U	0.25 U
IWE-11-040516	IWE-11	20160405	9.2 U	10 U	--	7.6 U	11 U	1200	19 UJ	17 U	40 UJ	**3200**	14 U	12 U	18 UJ	15 U	17 U	10 U
IWE-12-041116	IWE-12	20160411	0.23 U	0.25 U	--	0.19 U	0.27 U	3.2 J	0.48 U	0.43 U	0.99 U	4.6 U	0.35 U	0.29 U	0.44 U	0.38 U	0.43 U	0.25 U
IWE-13-041216	IWE-13	20160412	1.2 U	1.3 U	--	0.95 U	1.4 U	2.7 U	2.4 U	2.2 U	5 U	10 J	1.8 U	1.5 U	2.2 U	1.9 U	2.2 U	1.3 U
IWE-14-041216	IWE-14	20160412	2.3 U	2.5 U	--	1.9 U	2.7 U	5.3 U	4.8 U	4.3 U	9.9 U	9.4 U	3.5 U	2.9 U	4.4 U	3.8 U	4.3 U	2.5 U
IWE-15-041216	IWE-15	20160412	58 U	63 U	--	48 U	68 U	130 U	120 U	110 U	250 U	240 U	88 U	73 U	110 U	95 U	110 U	63 U
IWE-16-041216	IWE-16	20160412	15 U	17 U	--	13 U	18 U	35 UJ	32 U	29 U	66 U	63 UJ	23 U	19 U	29 U	25 U	29 U	17 U
IWE-17-041116	IWE-17	20160411	0.77 U	0.83 U	--	0.63 U	0.9 U	26 J	1.6 U	1.4 U	3.3 U	45 U	1.2 U	0.97 U	1.5 U	1.3 U	1.4 U	0.83 U
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 U	0.48 U	0.43 U	0.99 U	0.94 U	0.35 U	0.29 U	0.44 UJ	0.38 U	0.76 J	0.25 U
IWE-21-040816	IWE-21	20160408	1.8 U	2 U	--	1.5 U	2.2 U	4.2 U	3.8 U	3.4 U	7.9 U	13 U	2.8 U	2.3 U	3.5 U	3 U	3.4 U	2 U
IWE-22-040816	IWE-22	20160408	29 U	31 U	--	24 U	34 U	66 U	60 U	54 U	120 U	220 U	44 U	36 U	55 U	48 U	54 U	31 U
IWE-23-040816	IWE-23	20160408	77 U	83 U	--	63 U	90 U	180 U	160 U	140 U	330 U	540 U	120 U	97 U	150 U	130 U	140 U	83 U
IWE-24-040816	IWE-24	20160408	0.46 U	0.5 U	--	0.38 U	0.54 U	1.1 U	0.96 U	0.86 U	2 U	1.9 U	0.7 U	0.58 U	0.88 U	0.76 U	0.86 U	0.5 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)															
			CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CYCLOHEXANE	ETHYL TERT-BUTYL ETHER	FLUORODICHLOROMETHANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	1.8	NC	NC	NC	NC	NC	2.6	NC	NC	11070	98.1	1.1	128	NC	NC
		AWQC	NC	2000	NC	NC	NC	NC	NC	NC	NC	NC	NC	1000	NC	NC	NC	NC
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	0.32 UJ	0.25 J	0.44 U	0.72 J	--	0.23 UJ	--	0.35 U	--	--	0.2 UJ	0.33 U	0.45 UJ	0.4 U	--	0.48 U
E-USW-1-042116-AVG	E-USW-1	20160421	0.32 U	0.188	0.44 U	0.425	--	0.23 U	--	0.35 U	--	--	0.2 U	0.33 U	0.45 U	0.4 U	--	0.48 U
E-USW-1-042116-D	E-USW-1	20160421	0.32 UJ	0.25 U	0.44 U	0.26 U	--	0.23 UJ	--	0.35 U	--	--	0.2 UJ	0.33 U	0.45 UJ	0.4 U	--	0.48 U
E-USW-4-042116	E-USW-4	20160421	0.32 UJ	0.25 U	0.44 U	0.26 U	--	0.23 UJ	--	0.35 U	--	--	0.2 UJ	0.33 U	0.45 UJ	0.4 U	--	0.48 U
E-USW-5-042116	E-USW-5	20160421	0.32 UJ	0.25 U	0.44 U	0.26 U	--	0.23 UJ	--	0.35 U	--	--	0.2 UJ	0.33 U	0.45 UJ	0.4 U	--	0.48 U
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	0.32 U	0.25 U	0.44 U	1.3	--	0.23 U	--	0.35 U	--	--	0.2 U	0.33 U	0.47 J	0.4 U	--	0.48 U
IW-E-041116	IWE-E	20160411	800 UJ	630 U	1100 U	650 U	--	580 UJ	--	880 U	--	--	500 UJ	1300 U	1100 UJ	1000 U	--	1200 U
IWE-10-040516	IWE-10	20160405	0.8 UJ	0.63 U	1.1 U	3.2	--	0.58 U	--	0.88 U	--	--	0.5 U	0.98 U	1.1 U	1 U	--	1.2 U
IWE-1-040416	IWE-01	20160404	0.32 UJ	1.4	0.44 U	24	--	0.23 J	--	0.35 U	--	--	34 J	0.33 U	0.45 UJ	0.4 U	--	0.48 U
IWE-11-040516	IWE-11	20160405	13 UJ	10 U	18 U	10 U	--	9.2 U	--	14 U	--	--	8 U	24 U	18 U	16 U	--	19 U
IWE-12-041116	IWE-12	20160411	0.32 UJ	0.25 U	0.44 U	0.92 J	--	0.23 UJ	--	0.35 U	--	--	0.2 U	0.33 U	0.45 U	0.4 U	--	0.48 U
IWE-13-041216	IWE-13	20160412	1.6 UJ	1.3 U	2.2 U	2.6 J	--	1.2 UJ	--	1.8 U	--	--	1.1 J	5.4 U	2.3 UJ	2 U	--	2.4 U
IWE-14-041216	IWE-14	20160412	3.2 UJ	2.5 U	4.4 U	6.8 J	--	2.3 UJ	--	3.5 U	--	--	3.5 J	11 U	4.5 UJ	4 U	--	4.8 U
IWE-15-041216	IWE-15	20160412	80 UJ	63 U	110 U	290	--	58 UJ	--	88 U	--	--	50 U	300 U	110 UJ	100 U	--	120 U
IWE-16-041216	IWE-16	20160412	21 U	17 U	29 U	17 U	--	15 UJ	--	23 U	--	--	13 U	37 U	30 UJ	27 U	--	32 U
IWE-17-041116	IWE-17	20160411	1.1 UJ	0.83 U	1.5 U	21	--	2.5 J	--	1.2 U	--	--	0.71 J	1.1 U	1.5 U	1.3 U	--	1.6 U
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	0.32 UJ	0.42 J	0.44 U	2.5	--	0.35 J	--	0.35 U	--	--	1.1 J	0.33 U	0.45 UJ	0.4 U	--	0.48 U
IWE-21-040816	IWE-21	20160408	2.6 UJ	2 U	3.5 U	16	--	1.8 UJ	--	2.8 U	--	--	1.6 U	2.6 U	3.6 U	3.2 U	--	3.8 U
IWE-22-040816	IWE-22	20160408	40 UJ	31 U	55 U	33 U	--	29 UJ	--	44 U	--	--	25 U	41 U	56 U	50 U	--	60 U
IWE-23-040816	IWE-23	20160408	110 UJ	83 U	150 U	920	--	77 UJ	--	120 U	--	--	67 U	110 U	150 U	130 U	--	160 U
IWE-24-040816	IWE-24	20160408	0.64 U	0.5 U	0.88 U	26	--	1.1 J	--	0.7 U	--	--	0.4 U	0.66 U	0.9 UJ	0.8 U	--	0.96 U

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SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	111	2	590	13	13	970	21	NC	16	930
		AWQC	NC	29	520	NC	NC	NC	4000	7	NC	NC	1.6
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	4.9 UR	11 J	0.23 U	--	0.52 U	0.52	0.3 U	3.7 J	0.72 J	0.41 UJ	0.29 U
E-USW-1-042116-AVG	E-USW-1	20160421	4.9 R	7.9	0.23 U	--	0.52 U	0.52	0.3 U	2.345	0.67	0.41 U	0.29 U
E-USW-1-042116-D	E-USW-1	20160421	4.9 UR	4.8 J	0.23 U	--	0.52 U	0.52	0.3 U	0.99 J	0.62 J	0.41 UJ	0.29 U
E-USW-4-042116	E-USW-4	20160421	4.9 UR	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.22 U	0.49 U	0.41 UJ	0.29 U
E-USW-5-042116	E-USW-5	20160421	4.9 UR	1.7	0.23 U	--	0.52 U	0.52	0.3 U	0.38 J	0.49 U	0.41 UJ	0.29 U
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	4.9 UR	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.37 J	0.49 U	0.41 U	0.42 J
IW-E-041116	IWE-E	20160411	12000 UJ	780 U	580 U	--	1300 U	**1300**	750 U	**95000**	1200 UJ	1000 UJ	730 U
IWE-10-040516	IWE-10	20160405	12 UJ	0.78 U	0.58 U	--	1.3 U	1.3	0.94 J	**82**	1.2 UJ	1 U	0.73 U
IWE-1-040416	IWE-01	20160404	21 J	0.31 U	0.23 U	--	0.52 U	0.52	2	**23**	0.49 UJ	0.41 UJ	**2.2**
IWE-11-040516	IWE-11	20160405	200 UJ	12 U	9.2 U	--	21 U	**21**	12 U	**11 J**	20 UJ	16 U	12 U
IWE-12-041116	IWE-12	20160411	4.9 UR	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	**28**	0.49 UJ	0.41 U	0.29 U
IWE-13-041216	IWE-13	20160412	25 UJ	1.6 U	1.2 U	--	2.6 U	2.6	1.5 U	**140**	2.5 U	2.1 UJ	1.5 U
IWE-14-041216	IWE-14	20160412	49 UJ	3.1 U	2.3 U	--	5.2 U	5.2	3 U	**320**	4.9 U	4.1 UJ	2.9 U
IWE-15-041216	IWE-15	20160412	1200 UJ	78 U	58 U	--	130 U	**130**	75 U	**9200**	120 U	100 UJ	73 U
IWE-16-041216	IWE-16	20160412	330 U	21 U	15 U	--	35 U	**35**	20 U	**2400**	33 UJ	27 UJ	19 U
IWE-17-041116	IWE-17	20160411	88 J	1 U	0.77 U	--	1.7 U	1.7	2.6 J	**110**	1.6 UJ	1.4 U	0.97 U
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	4.9 UJ	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	3.5	0.49 UJ	0.41 UJ	0.29 U
IWE-21-040816	IWE-21	20160408	39 UR	2.5 U	1.8 U	--	4.2 U	4.2	2.4 U	**270**	3.9 UJ	3.3 U	2.3 U
IWE-22-040816	IWE-22	20160408	610 UR	39 U	29 U	--	65 U	**65**	38 U	**4000**	61 UJ	51 U	36 U
IWE-23-040816	IWE-23	20160408	1600 UR	100 U	77 U	--	170 U	**170**	100 U	**9100**	160 UJ	140 U	97 U
IWE-24-040816	IWE-24	20160408	23 J	0.62 U	0.46 U	--	1 U	1	0.6 U	**40**	0.98 U	0.82 U	0.58 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURA	DISSOLVED METALS (UG/L)														
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MOLYBDENUM	NICKEL	SELENIUM	VANADIUM
			MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	340	NC	NC	1.8	16	NC	13	NC	65	NC	NC	470	20	NC
		NRWQC Chronic	NC	NC	150	NC	NC	0.72	11	NC	9	NC	2.5	NC	NC	52	5	NC
		BTAG	3E-06	30	5	4	0.66	0.25	85	23	9	300	2.5	120	73	52	1	20
		AWQC	5E-06	640	0.14	NC	NC	NC	NC	NC	NC	NC	NC	100	NC	4600	4200	NC
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	FILTERED (0.10) METALS (UG/L)															
			ZINC	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	COBALT	COPPER	LEAD	NICKEL	VANADIUM	ZINC	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	120	340	NC	NC	2	NC	13	65	470	NC	120	340	NC	NC	2	16
		NRWQC Chronic	120	150	NC	NC	0.25	NC	9	2.5	52	NC	120	150	NC	NC	0.25	11
		BTAG	120	5	4	0.66	0.25	23	9	2.5	52	20	120	5	4	0.66	0.25	85
		AWQC	26000	0.14	NC	NC	NC	NC	NC	NC	4600	NC	26000	0.14	NC	NC	NC	NC
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	FILTERED (0.45) METALS (UG/L)															
			COBALT	COPPER	LEAD	MOLYBDENUM	NICKEL	SELENIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	13	65	NC	470	20	NC	120	750	NC	340	NC	NC	2	NC	16
		NRWQC Chronic	NC	9	2.5	NC	52	5	NC	120	87	NC	150	NC	NC	0.25	NC	11
		BTAG	23	9	2.5	73	52	1	20	120	87	30	5	4	0.66	0.25	116000	85
		AWQC	NC	NC	NC	NC	4600	4200	NC	26000	NC	640	0.14	NC	NC	NC	NC	NC
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)															
			COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE	SILVER	SODIUM	THALLIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	13	NC	65	NC	NC	NC	NC	470	NC	20	NC	NC	3.2	NC	NC
		NRWQC Chronic	NC	9	NC	2.5	NC	NC	NC	NC	52	NC	5	NC	NC	NC	NC	NC
		BTAG	23	9	300	2.5	82000	120	0.026	73	52	53000	1	NC	NC	3.2	680000	0.8
		AWQC	NC	NC	NC	NC	NC	100	NC	NC	4600	NC	4200	NC	NC	NC	NC	0.47
IWE-25-011916	IWE-25	20160119	--	--	260	--	--	15	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	380	--	--	13 U	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE				MICROBIOLOGICAL (CELLS/ML)														
			URANIUM-238	VANADIUM	ZINC	DEHALOBACTER	DEHALOCOCCOIDES	TCE R-DASE	ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON
			UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		NRWQC Acute	NC	NC	120	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.022	NC
		NRWQC Chronic	NC	NC	120	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.0052	NC
		BTAG	2.6	20	120	NC	NC	NC	NC	0.019	0.019	NC	NC	NC	NC	230	0.005	NC
		AWQC	NC	NC	26000	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
IWE-25-011916	IWE-25	20160119	--	--	--	7.2	0.5 U	0.5 U	7.9	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	5 U	0.5 U	0.5 U	8	--	--	--	0.019 U	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	0.019 J	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	0.09	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	0.11	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	16	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	67	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	0.079 J	--	--	--	--	--
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	0.057	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	0.062	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	0.053	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	0.069	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	0.082	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	0.23	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	6.1	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	49	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	0.05 U	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	0.061	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	0.062	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	0.06	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	0.068 J	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	0.12	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	0.36	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	13	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	28	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	0.082 J	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	0.05 U	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	0.051	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	0.054	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	0.05 U	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)															
			HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE-N	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL SUSPENDED SOLIDS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		NRWQC Acute	0.016	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	0.011	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	0.011	NC	NC	0.02	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		AWQC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	29	73	--	0.64 J	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	35	340	--	0.64 J	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOU	MISCELLANEOUS PARAMETERS		PCB HOMOLOGS (UG/L)						PCB HOMOLOGS, FILTERED		PCBS (UG/L)			
			PH	BROMIDE	PERCHLORATE	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	AROCLOR-1254	AROCLOR-1260	DICHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
			S.U.	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	NC	NC	0.014	0.014
		BTAG	NC	NC	NC	7E-05	NC	NC	7E-05	7E-05	NC	NC	7E-05	7E-05	7E-05	7E-05	7E-05	7E-05
		AWQC	NC	NC	NC	6E-05	NC	NC	6E-05	6E-05	NC	NC	6E-05	6E-05	6E-05	6E-05	6E-05	6E-05
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

							PETROLEUM	PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)				SEMIVOLATILE			
SAMPLE ID	LOCATION ID	SAMPLE DATE	PENTACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND	OIL & GREASE - HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-230	URANIUM-233/234	URANIUM-235	URANIUM-238	1,4-DIOXANE	1,4-DIOXANE	2,4,5-TRICHLOROPHENOL	2,4-DICHLOROPHENOL
			UG/L	UG/L	UG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	0.014	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	7E-05	7E-05	7E-05	NC	NC	NC	NC	NC	NC	2.6	2.6	2.6	NC	22000	NC	11
		AWQC	6E-05	6E-05	6E-05	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	600	60
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)															
			2-CHLOROPHENOL	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	24	4.7	5.8	NC	0.012	NC	NC	0.018	0.015	NC	NC	NC	16	19	NC	NC
		AWQC	800	NC	90	NC	400	NC	NC	0.0013	0.0001	0.0013	NC	0.013	0.37	0.1	NC	NC
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TENTATIVELY IDENTIFIED COMPOUNDS				
														1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	NC	3.7	210	0.04	3	NC	1.1	0.4	4	0.025	NC	NC	NC	NC	NC
		AWQC	0.13	0.0001	NC	600	20	70	0.0013	NC	NC	300000	30	NC	NC	NC	400	NC
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	1.7 NJ	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	OS-VOLATILES (UG/L)				VOLATILE GASES (UG/L)										
			DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	ETHANE	ETHENE	METHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	NC	NC	NC	NC	NC	NC	1200	NC	47	25	8	NC	24	33	0.7
		AWQC	NC	NC	NC	NC	NC	NC	NC	8.9	NC	NC	20000	NC	NC	0.076	NC	3000
IWE-25-011916	IWE-25	20160119	--	--	--	--	1.1	1.1	1.9	600 U	1100 U	750 U	1100 U	--	--	800 UJ	--	630 U
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	15 U	10 U	15 U	12 U	16 U	11 U	14 U	8.3 U
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	750 U	500 U	750 U	620 UJ	780 U	530 UJ	680 U	420 U
IWE-28-011916	IWE-28	20160119	--	--	--	--	0.65	0.13 U	6.9	400 U	750 U	500 U	750 U	--	--	530 UJ	--	420 U
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	0.45 U	0.3 U	0.45 U	0.37 U	0.47 U	0.32 UJ	0.41 U	0.25 U
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	0.45 U	0.3 U	0.45 U	0.37 U	0.47 U	0.32 UJ	0.41 U	0.25 U
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	0.45 U	0.3 U	0.45 U	0.37 UJ	0.47 U	0.32 UJ	0.41 U	0.25 U
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	0.45 U	0.3 U	0.45 U	0.37 U	0.47 U	0.32 U	0.41 U	0.25 U
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	4.5 U	3 U	4.5 U	3.7 U	4.7 U	3.2 U	4.1 U	2.5 U
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	0.45 U	0.9 J	0.45 U	0.37 U	0.47 U	0.32 U	0.41 U	0.25 U
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	0.45 U	0.3 U	0.45 U	0.37 U	0.47 U	0.32 U	0.41 U	0.25 U
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	640 U	430 U	640 U	530 U	670 U	460 U	590 U	360 U
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	1500 U	1000 U	1500 U	1200 U	1600 U	1100 U	1400 U	830 U
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	110 U	75 U	110 U	93 U	120 U	80 U	100 U	63 U
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	110 U	75 U	110 U	93 U	120 U	80 U	100 U	63 U
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	1500 U	1000 U	1500 U	1200 UJ	1600 U	1100 U	1400 U	830 U
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	370 U	250 U	370 U	310 U	390 U	270 U	340 U	210 U
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	0.28 U	0.85 J	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	7 U	3.8 U	4.8 U	4.3 U	0.15 U	3.8 U	3 U	3.3 U
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	1.9 U	1 U	1.3 U	1.1 U	0.039 U	1 U	0.8 U	0.87 U
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	280 U	150 U	190 U	170 U	5.9 U	150 U	120 U	130 U
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	470 U	250 U	320 U	280 U	9.8 U	250 U	200 U	220 U

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REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	2-HEXANONE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMODICHLOROMETHANE	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	100	NC	71	150	26	14000	99	85	170	1500	370	NC	NC	0.92	13.3	1.3
		AWQC	650	31	NC	10	900	NC	NC	NC	NC	NC	16	27	10000	NC	5	800
IWE-25-011916	IWE-25	20160119	580 U	630 U	--	480 U	680 U	1300 U	1200 U	--	2500 U	2400 U	880 U	730 U	1100 UJ	950 U	1100 U	630 U
IWE-26-041116	IWE-26	20160411	7.7 U	8.3 U	--	6.3 U	9 U	18 U	16 U	14 U	33 U	54 U	12 U	9.7 U	15 U	13 U	14 U	8.3 U
IWE-27-041116	IWE-27	20160411	380 U	420 U	--	320 U	450 U	880 U	800 U	720 U	1700 U	1600 UJ	580 U	480 U	730 U	630 U	720 U	420 U
IWE-28-011916	IWE-28	20160119	380 U	420 U	--	320 U	450 U	880 U	800 U	--	1700 U	1600 U	580 U	480 U	730 UJ	630 U	720 U	420 U
IWE-3-040416	IWE-03	20160404	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 U	0.48 U	0.43 U	0.99 U	0.94 U	0.35 U	0.29 U	0.44 UJ	0.38 U	0.43 U	0.25 U
IWE-4-040416	IWE-04	20160404	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 U	0.48 U	0.43 U	0.99 U	0.94 U	0.35 U	0.29 U	0.44 UJ	0.38 U	0.43 U	0.25 U
IWE-5-040416	IWE-05	20160404	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 U	0.48 U	0.43 U	0.99 U	0.94 U	0.35 U	0.29 U	0.44 UJ	0.38 U	0.43 U	0.25 U
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 U	0.48 U	0.43 U	0.99 U	0.94 UJ	0.35 U	0.29 U	0.44 UJ	0.38 U	0.43 U	0.25 U
IWE-7-040516	IWE-07	20160405	2.3 U	2.5 U	--	1.9 U	2.7 U	740	4.8 U	4.3 U	9.9 U	680 J	3.5 U	2.9 U	4.4 UJ	3.8 U	4.3 U	2.5 U
IWE-8-040516	IWE-08	20160405	0.23 U	0.25 U	--	0.19 U	0.27 U	77	0.48 U	0.43 U	0.99 U	10 J	0.35 U	0.29 U	0.44 UJ	0.38 U	5	0.25 U
IWE-9-040516	IWE-09	20160405	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 U	0.48 U	0.43 U	0.99 U	1.2 J	0.35 U	0.29 U	0.44 UJ	0.38 U	0.43 U	0.25 U
MPE-1-061715	MRC-MPE-1	20150617	330 U	360 U	--	270 U	390 U	760 U	690 U	610 U	1400 U	**3100 JB**	500 U	410 U	630 U	540 U	610 U	360 U
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	770 U	830 U	--	630 U	900 U	1800 U	1600 U	1400 U	3300 U	5400 U	1200 U	970 U	1500 U	1300 U	1400 U	830 U
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	58 U	63 U	--	48 U	68 U	130 U	120 U	110 U	250 U	620 JB	88 U	73 U	110 U	95 U	110 U	63 U
MPE-3I-041116	MRC-MPE-3I	20160411	58 U	63 U	--	48 U	68 U	130 U	120 U	110 U	250 U	400 U	88 U	73 U	110 U	95 U	110 U	63 U
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	770 U	830 U	--	630 U	900 U	1800 U	1600 U	1400 U	3300 U	3100 U	1200 U	970 U	1500 U	1300 U	1400 U	830 U
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	190 U	210 U	--	160 U	220 U	440 U	400 U	360 U	820 U	**1900 JB**	290 U	240 U	370 U	320 U	360 U	210 U
MRC-E-SB-1362-15	E-SB-1362	20140417	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-E-SB-1362-20	E-SB-1362	20140417	0.22 U	0.18 U	--	0.14 U	0.13 U	1.2 J	0.41 U	0.12 U	0.32 U	3.9 J	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-E-SB-1362-24	E-SB-1362	20140417	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	2.2 J	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-E-SB-1362-28	E-SB-1362	20140418	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	2.8 J	0.13 U	0.15 U	0.41 U	0.62 J	0.13 U	0.15 U
MRC-E-SB-1363-12	E-SB-1363	20140418	5.5 U	4.5 U	--	3.5 U	3.3 U	14 U	10 U	3 U	8 U	28 U	3.3 U	3.8 U	10 U	3.3 U	3.3 U	3.8 U
MRC-E-SB-1363-16	E-SB-1363	20140418	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-E-SB-1363-20	E-SB-1363	20140418	1.5 U	1.2 U	--	0.93 U	0.87 U	3.8 U	2.7 U	0.8 U	2.1 U	7.3 U	0.87 U	1 U	2.7 U	0.87 U	0.87 U	1 U
MRC-E-SB-1363-24	E-SB-1363	20140418	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.37 J	0.15 U
MRC-E-SB-1363-28	E-SB-1363	20140418	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.7 J	0.13 U	0.15 U	0.41 U	0.13 U	0.21 J	0.15 U
MRC-E-SB-1364-12	E-SB-1364	20140418	220 U	180 U	--	140 U	130 U	570 U	410 U	120 U	320 U	1100 U	130 U	150 U	410 U	130 U	130 U	150 U
MRC-E-SB-1364-16	E-SB-1364	20140418	370 U	300 U	--	230 U	220 U	950 U	680 U	200 U	530 U	1800 U	220 U	250 U	680 U	220 U	220 U	250 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)															
			CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CYCLOHEXANE	ETHYL TERT-BUTYL ETHER	FLUORODICHLOROMETHANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	1.8	NC	NC	NC	NC	NC	2.6	NC	NC	11070	98.1	1.1	128	NC	NC
		AWQC	NC	2000	NC	NC	NC	NC	NC	NC	NC	NC	NC	1000	NC	NC	NC	NC
IWE-25-011916	IWE-25	20160119	800 UJ	630 U	1100 U	650 U	1100 U	--	--	880 U	--	1100 U	500 U	830 U	--	--	--	--
IWE-26-041116	IWE-26	20160411	11 UJ	8.3 U	15 U	360	--	7.7 UJ	--	12 U	--	--	6.7 U	11 U	15 U	13 U	--	16 U
IWE-27-041116	IWE-27	20160411	530 UJ	420 U	730 U	430 U	--	380 UJ	--	580 U	--	--	330 UJ	1400 U	750 UJ	670 U	--	800 U
IWE-28-011916	IWE-28	20160119	530 UJ	420 U	730 U	610 J	750 U	--	--	580 U	--	720 U	330 U	550 U	--	--	--	--
IWE-3-040416	IWE-03	20160404	0.32 UJ	0.25 U	0.44 U	0.26 U	--	1.3 J	--	0.35 U	--	--	0.23 J	0.33 U	0.45 UJ	0.4 U	--	0.48 U
IWE-4-040416	IWE-04	20160404	0.32 UJ	0.25 U	0.44 U	0.26 U	--	0.23 UJ	--	0.35 U	--	--	0.2 UJ	0.33 U	0.45 UJ	0.4 U	--	0.48 U
IWE-5-040416	IWE-05	20160404	0.32 UJ	0.25 U	0.44 U	2	--	0.29 J	--	0.35 U	--	--	0.2 UJ	0.33 U	0.45 UJ	0.4 U	--	0.48 U
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	0.32 U	0.25 U	0.44 U	0.26 U	--	0.36 J	--	0.35 U	--	--	0.2 U	0.33 U	0.45 U	0.4 U	--	0.48 U
IWE-7-040516	IWE-07	20160405	3.2 U	2.5 U	4.4 U	2.6 U	--	2.3 U	--	3.5 U	--	--	3.9 J	3.6 U	4.5 U	4 U	--	4.8 U
IWE-8-040516	IWE-08	20160405	0.32 U	1.7	0.44 U	21	--	0.23 U	--	0.35 U	--	--	36	0.33 U	0.45 U	0.4 U	--	0.48 U
IWE-9-040516	IWE-09	20160405	0.32 U	0.25 U	0.44 U	1.1	--	0.23 U	--	0.35 U	--	--	0.2 U	0.33 U	0.45 U	0.4 U	--	0.48 U
MPE-1-061715	MRC-MPE-1	20150617	460 U	360 U	630 U	370 U	--	330 U	--	500 U	340 U	--	290 U	470 U	640 U	570 U	360 U	690 U
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	1100 UJ	830 U	1500 U	1200 J	--	770 UJ	--	1200 U	--	--	670 U	1100 U	1500 U	1300 U	--	1600 U
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	80 U	63 U	110 U	65 U	--	58 U	--	88 U	60 U	--	50 U	83 U	110 U	100 U	63 U	120 U
MPE-3I-041116	MRC-MPE-3I	20160411	80 UJ	63 U	110 U	65 U	--	58 UJ	--	88 U	--	--	50 U	83 U	110 U	100 U	--	120 U
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	1100 U	830 U	1500 U	1200 J	--	770 U	--	1200 U	--	--	670 U	1100 U	1500 UJ	1300 U	--	1600 U
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	270 U	210 U	370 U	220 U	--	190 U	--	290 U	200 U	--	170 U	270 U	370 U	330 U	210 U	400 U
MRC-E-SB-1362-15	E-SB-1362	20140417	0.29 U	0.16 U	0.3 U	1.8	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-E-SB-1362-20	E-SB-1362	20140417	0.29 U	0.41 J	0.3 U	0.39 J	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-E-SB-1362-24	E-SB-1362	20140417	0.29 U	0.18 J	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-E-SB-1362-28	E-SB-1362	20140418	0.29 U	0.68 J	0.3 U	1.7	--	0.11 U	--	0.13 U	0.24 U	--	1.7	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-E-SB-1363-12	E-SB-1363	20140418	7.3 U	4 U	7.5 U	28	--	2.8 U	--	3.3 U	6 U	--	4.3 U	8.3 U	6 U	3.5 U	3.5 U	3.3 U
MRC-E-SB-1363-16	E-SB-1363	20140418	0.29 U	0.16 U	0.3 U	0.23 J	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-E-SB-1363-20	E-SB-1363	20140418	1.9 U	1.1 U	2 U	1.1 U	--	0.73 U	--	0.87 U	1.6 U	--	1.1 U	2.2 U	1.6 U	0.93 U	0.93 U	0.87 U
MRC-E-SB-1363-24	E-SB-1363	20140418	0.29 U	0.33 J	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-E-SB-1363-28	E-SB-1363	20140418	0.29 U	1	0.3 U	2.6	--	0.11 U	--	0.13 U	0.24 U	--	2.8	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-E-SB-1364-12	E-SB-1364	20140418	290 U	160 U	300 U	480 J	--	110 U	--	130 U	240 U	--	170 U	330 U	240 U	140 U	140 U	130 U
MRC-E-SB-1364-16	E-SB-1364	20140418	480 U	270 U	500 U	280 U	--	180 U	--	220 U	400 U	--	280 U	550 U	400 U	230 U	230 U	220 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	111	2	590	13	13	970	21	NC	16	930
		AWQC	NC	29	520	NC	NC	NC	4000	7	NC	NC	1.6
IWE-25-011916	IWE-25	20160119	--	780 U	580 U	--	1300 U	--	750 U	**61000**	1200 UJ	--	730 U
IWE-26-041116	IWE-26	20160411	160 UR	10 U	7.7 U	--	17 U	**17**	10 U	**1000**	16 UJ	14 U	9.7 U
IWE-27-041116	IWE-27	20160411	8200 UJ	520 U	380 U	--	870 U	**870**	500 U	**40000**	820 UJ	680 UJ	480 U
IWE-28-011916	IWE-28	20160119	--	520 U	380 U	--	870 U	--	500 U	**42000**	820 UJ	--	480 U
IWE-3-040416	IWE-03	20160404	19 J	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.62 J	0.49 UJ	0.41 UJ	0.29 U
IWE-4-040416	IWE-04	20160404	4.9 UJ	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.22 J	0.49 UJ	0.41 UJ	0.29 U
IWE-5-040416	IWE-05	20160404	26 J	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	2.4	0.49 UJ	0.41 UJ	0.29 U
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	4.9 UJ	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	2.8	0.49 UJ	0.41 U	0.29 U
IWE-7-040516	IWE-07	20160405	49 UJ	3.1 U	2.3 U	--	5.2 U	5.2	3 U	**9.3 J**	4.9 UJ	4.1 U	2.9 U
IWE-8-040516	IWE-08	20160405	4.9 UJ	0.31 U	0.23 U	--	0.52 U	0.52	2	**20**	0.49 UJ	0.41 U	**2.8**
IWE-9-040516	IWE-09	20160405	4.9 UJ	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	**8.2**	0.49 UJ	0.41 U	1.2
MPE-1-061715	MRC-MPE-1	20150617	7000 U	440 U	330 U	--	740 U	--	430 U	**44000**	700 U	590 U	410 U
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	16000 UR	1000 U	770 U	--	1700 U	**1700**	1000 U	**97000**	1600 UJ	1400 U	970 U
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	1200 U	78 U	58 U	--	130 U	--	75 U	**6300**	120 U	100 U	73 U
MPE-3I-041116	MRC-MPE-3I	20160411	1200 UR	78 U	58 U	--	130 U	**130**	75 U	**7200**	120 UJ	100 U	73 U
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	16000 UR	1000 U	770 U	--	1700 U	**1700**	1000 U	**93000**	1600 U	1400 U	970 U
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	4100 U	260 U	190 U	--	430 U	--	250 U	**25000**	410 U	340 U	240 U
MRC-E-SB-1362-15	E-SB-1362	20140417	3.9 U	0.29 U	0.13 U	--	0.14 U	--	0.19 U	**22**	0.21 U	0.19 U	0.22 U
MRC-E-SB-1362-20	E-SB-1362	20140417	3.9 U	0.29 U	0.13 U	--	0.14 U	--	0.19 U	**7.7**	0.21 U	0.19 U	0.22 U
MRC-E-SB-1362-24	E-SB-1362	20140417	3.9 U	0.29 U	0.13 U	--	0.14 U	--	0.19 U	0.56 J	0.21 U	0.19 U	0.22 U
MRC-E-SB-1362-28	E-SB-1362	20140418	3.9 U	0.29 U	0.13 U	--	0.14 U	--	0.19 U	1.9	0.21 U	0.19 U	0.22 U
MRC-E-SB-1363-12	E-SB-1363	20140418	98 U	7.3 U	3.3 U	--	3.5 U	--	4.8 U	**630**	5.3 U	4.8 U	**11 J**
MRC-E-SB-1363-16	E-SB-1363	20140418	3.9 U	0.29 U	0.13 U	--	0.14 U	--	0.19 U	**9.7**	0.21 U	0.19 U	0.22 U
MRC-E-SB-1363-20	E-SB-1363	20140418	26 U	1.9 U	0.87 U	--	0.93 U	--	1.3 U	**160**	1.4 U	1.3 U	1.5 U
MRC-E-SB-1363-24	E-SB-1363	20140418	3.9 U	0.29 U	0.13 U	--	0.14 U	--	0.19 U	**19**	0.21 U	0.19 U	0.22 U
MRC-E-SB-1363-28	E-SB-1363	20140418	3.9 U	0.29 U	0.13 U	--	0.14 U	--	0.19 U	5.3	0.21 U	0.19 U	0.22 U
MRC-E-SB-1364-12	E-SB-1364	20140418	3900 U	290 U	130 U	--	140 U	--	190 U	**24000**	210 U	190 U	220 U
MRC-E-SB-1364-16	E-SB-1364	20140418	6500 U	480 U	220 U	--	230 U	--	320 U	**38000**	350 U	320 U	370 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURA	DISSOLVED METALS (UG/L)														
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MOLYBDENUM	NICKEL	SELENIUM	VANADIUM
			MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	340	NC	NC	1.8	16	NC	13	NC	65	NC	NC	470	20	NC
		NRWQC Chronic	NC	NC	150	NC	NC	0.72	11	NC	9	NC	2.5	NC	NC	52	5	NC
		BTAG	3E-06	30	5	4	0.66	0.25	85	23	9	300	2.5	120	73	52	1	20
		AWQC	5E-06	640	0.14	NC	NC	NC	NC	NC	NC	NC	NC	100	NC	4600	4200	NC
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-20130320	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-20130320	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-AVG	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-D	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-20130320	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-20130320	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-AVG	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-D	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-AVG	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-D	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-03212012	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	FILTERED (0.10) METALS (UG/L)															
			ZINC	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	COBALT	COPPER	LEAD	NICKEL	VANADIUM	ZINC	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	120	340	NC	NC	2	NC	13	65	470	NC	120	340	NC	NC	2	16
		NRWQC Chronic	120	150	NC	NC	0.25	NC	9	2.5	52	NC	120	150	NC	NC	0.25	11
		BTAG	120	5	4	0.66	0.25	23	9	2.5	52	20	120	5	4	0.66	0.25	85
		AWQC	26000	0.14	NC	NC	NC	NC	NC	NC	4600	NC	26000	0.14	NC	NC	NC	NC
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-20130320	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-20130320	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-AVG	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-D	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-20130320	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-20130320	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-AVG	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-D	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-AVG	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-D	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-03212012	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	FILTERED (0.45) METALS (UG/L)															
			COBALT	COPPER	LEAD	MOLYBDENUM	NICKEL	SELENIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	13	65	NC	470	20	NC	120	750	NC	340	NC	NC	2	NC	16
		NRWQC Chronic	NC	9	2.5	NC	52	5	NC	120	87	NC	150	NC	NC	0.25	NC	11
		BTAG	23	9	2.5	73	52	1	20	120	87	30	5	4	0.66	0.25	116000	85
		AWQC	NC	NC	NC	NC	4600	4200	NC	26000	NC	640	0.14	NC	NC	NC	NC	NC
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	0.19 B	**1.4 J**	**110**	0.34 J	0.13 U	--	0.94 J
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	0.23 J	**0.9 J**	**204**	0.2 UL	0.13 U	--	0.71 UJ
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	--	--	--	--	--	--	--	--	--	0.4 J	**0.95 J**	**212**	0.38 B	0.13 U	--	0.71 UL
MRC-MW101A-20130320	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	0.2 B	**0.61 J**	**86**	0.3 J	0.13 U	--	0.71 U
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	**166**	0.2 U	0.13 U	--	0.71 U
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	--	--	--	--	--	--	--	--	--	0.73 J	0.4 U	**208**	0.2 UL	0.13 U	--	0.71 UL
MRC-MW101B-20130320	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-AVG	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-D	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	0.13 U	**4 J**	**230**	0.2 U	**9.6**	--	1.1 J
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	0.13 U	**1.2 J**	**191**	0.2 U	**3.9 J**	--	0.72 J
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	--	--	--	--	--	--	--	--	--	0.16 B	**0.52 J**	**247**	0.2 U	0.13 UL	--	0.72 J
MRC-MW102A-20130320	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	**48**	**15**	**0.41 J**	--	0.71 U
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	2.2 U	3 U	**40**	**15**	**1.1 J**	--	0.91 J
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	**52.9**	**5**	0.13 U	--	0.71 U
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	0.248 U	**1.4**	**42.4**	**12.8 J**	**0.812 J**	--	2.1 U
MRC-MW102B-120210	MRC-MW102B	20101202	--	--	--	--	--	--	--	--	--	0.53 J	0.4 U	**102**	**1.8 L**	**0.71 J**	--	0.75 B
MRC-MW102B-20130320	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	0.3 U	0.9 U	**49**	**16**	**1.2**	--	0.9 U
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-AVG	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-D	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-AVG	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-D	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-03212012	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	0.13 U	**0.52 J**	**43**	**5**	0.13 U	--	0.71 U
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	**48.1**	**1.9**	0.13 U	--	0.71 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)															
			COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE	SILVER	SODIUM	THALLIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	13	NC	65	NC	NC	NC	NC	470	NC	20	NC	NC	3.2	NC	NC
		NRWQC Chronic	NC	9	NC	2.5	NC	NC	NC	NC	52	NC	5	NC	NC	NC	NC	NC
		BTAG	23	9	300	2.5	82000	120	0.026	73	52	53000	1	NC	NC	3.2	680000	0.8
		AWQC	NC	NC	NC	NC	NC	100	NC	NC	4600	NC	4200	NC	NC	NC	NC	0.47
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	**64**	2.6 K	--	0.46 J	--	--	0.12 U	0.38 B	52	--	0.57 U	--	--	0.08 U	--	0.14 U
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	**40**	1.9 B	--	0.18 UL	--	--	0.12 U	0.8 B	19.6	--	1.2 UJ	--	--	0.08 U	--	0.14 U
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	19.6	1.5 B	**9110**	0.27 J	--	**950**	0.12 U	4	17.4	--	1.2 U	--	--	0.08 U	--	0.14 UL
MRC-MW101A-20130320	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	**59**	0.49 J	--	0.18 U	--	--	0.12 U	0.18 B	**83**	--	0.57 U	--	--	0.08 U	--	0.21 B
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	**43.6**	0.29 U	--	0.18 U	--	--	0.12 U	0.093 U	48	--	1.2 U	--	--	0.08 U	--	0.14 U
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	**25.2**	6.3	**1270**	0.42 J	--	**1400**	0.12 U	0.24 B	32.4	--	1.2 U	--	--	0.08 U	--	0.14 UL
MRC-MW101B-20130320	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-AVG	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-D	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	**51**	2.2 B	--	0.75 J	--	--	0.12 U	0.69 B	17	--	0.57 U	--	--	0.08 U	--	0.14 U
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	**90.8**	1.6 B	--	0.6 B	--	--	0.12 U	0.19 B	27	--	1.2 U	--	--	0.08 U	--	0.15 B
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	**36**	0.88 B	**96700**	0.36 J	--	**3540**	0.12 U	0.18 B	6.7 K	--	1.2 U	--	--	0.08 U	--	0.14 U
MRC-MW102A-20130320	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	**470**	0.62 B	--	0.18 U	--	--	0.12 U	0.093 U	**670**	--	0.57 U	--	--	0.08 U	--	0.14 U
MRC-MW-102B-042015	MRC-MW102B	20150420	**410**	3.2 J	63 U	2.2 U	--	**350**	0.5 U	2.2 U	**580**	--	5.6 U	--	--	2.2 U	--	1 U
MRC-MW102B-042811	MRC-MW102B	20110428	**457**	0.29 U	--	0.18 U	--	--	0.12 U	0.093 U	**608**	--	1.2 U	--	--	0.08 U	--	0.14 B
MRC-MW102B-050814	MRC-MW102B	20140508	**437 J**	2.1 J	264	0.687 J	--	**396**	0.024 U	0.09 U	**602 J**	--	**4.5**	8780	--	0.027 U	--	0.031 U
MRC-MW102B-120210	MRC-MW102B	20101202	**442**	5.7	**412**	0.34 J	--	**1030**	0.12 U	0.19 B	**519**	--	1.2 U	--	--	0.08 U	--	0.14 UL
MRC-MW102B-20130320	MRC-MW102B	20130320	**450**	2.7	--	0.42 J	--	--	0.1 UL	0.2 U	**630**	--	0.68 J	--	--	0.1 U	--	0.2 U
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-AVG	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-D	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-AVG	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-D	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-03212012	MRC-MW103A	20120321	**26**	1.9 J	--	0.47 J	--	--	0.12 U	0.093 U	46	--	0.57 U	--	--	0.08 U	--	0.14 U
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	21.9	1.4 B	--	0.29 J	--	--	0.1 U	0.2 B	36.2	--	1.2 U	--	--	0.08 U	--	0.24 B

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE				MICROBIOLOGICAL (CELLS/ML)														
			URANIUM-238	VANADIUM	ZINC	DEHALOBACTER	DEHALOCOCCOIDES	TCE R-DASE	ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON
			UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		NRWQC Acute	NC	NC	120	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.022	NC
		NRWQC Chronic	NC	NC	120	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.0052	NC
		BTAG	2.6	20	120	NC	NC	NC	NC	0.019	0.019	NC	NC	NC	NC	230	0.005	NC
		AWQC	NC	NC	26000	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	0.99 B	21 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	0.44 U	9.9 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	--	0.49 J	21.3 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-20130320	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	0.51 B	30	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	0.44 U	14.5 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	--	0.81 J	39.4	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-20130320	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-AVG	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-D	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	1.3 J	22 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	0.44 U	32.2 L	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	--	0.44 U	6.8 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-20130320	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	0.44 U	**880**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	2.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	0.44 U	**320**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	0.479 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	--	0.96 J	**462**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-20130320	MRC-MW102B	20130320	--	0.8 U	**760**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	0.059	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-AVG	MRC-MW103A	20170220	0.059	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-D	MRC-MW103A	20170220	0.059	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-AVG	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-D	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-03212012	MRC-MW103A	20120321	--	0.56 J	86	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	0.44 U	85.6 B	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)															
			HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE-N	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL SUSPENDED SOLIDS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		NRWQC Acute	0.016	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	0.011	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	0.011	NC	NC	0.02	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		AWQC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-20130320	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-20130320	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-AVG	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-D	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-20130320	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-20130320	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-AVG	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-D	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-AVG	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-D	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-03212012	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOU	MISCELLANEOUS PARAMETERS		PCB HOMOLOGS (UG/L)						PCB HOMOLOGS, FILTERED		PCBS (UG/L)			
			PH	BROMIDE	PERCHLORATE	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	AROCLOR-1254	AROCLOR-1260	DICHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
			S.U.	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	NC	NC	0.014	0.014
		BTAG	NC	NC	NC	7E-05	NC	NC	7E-05	7E-05	NC	NC	7E-05	7E-05	7E-05	7E-05	7E-05	7E-05
		AWQC	NC	NC	NC	6E-05	NC	NC	6E-05	6E-05	NC	NC	6E-05	6E-05	6E-05	6E-05	6E-05	6E-05
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-20130320	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-20130320	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-AVG	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-D	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-20130320	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-20130320	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-AVG	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-D	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	0.005 U	0.03 U	0.015 U	0.006 U	0.014 U	0.013 U	0.006 U	--	--	--	--	--	--
MRC-MW103A-030907-AVG	MRC-MW103A	20170309	--	--	--	0.005 U	0.03 U	0.015 U	0.006 U	0.014 U	0.013 U	0.006 U	--	--	--	--	--	--
MRC-MW103A-030907-D	MRC-MW103A	20170309	--	--	--	0.005 U	0.029 U	0.015 U	0.006 U	0.014 U	0.013 U	0.006 U	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	0.004 U	0.011 U	0.01 UJ	0.002 U	0.009 U	0.005 U	0.005 U	--	--	--	--	--	--
MRC-MW103A-03212012	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	--	--	--	0.15 U	0.16 U	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	0.029 U	0.038 U	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	0.5 UJ	0.5 UJ	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	0.004 U	0.011 U	0.01 U	0.002 U	0.009 U	0.005 U	0.003 U	0.004 U	0.002 U	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	--	--	--	0.16 UJ	0.17 UJ	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

						PETROLEUM	PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)				SEMIVOLATILE			
SAMPLE ID	LOCATION ID	SAMPLE DATE	PENTACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND	OIL & GREASE - HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-230	URANIUM-233/234	URANIUM-235	URANIUM-238	1,4-DIOXANE	1,4-DIOXANE	2,4,5-TRICHLOROPHENOL	2,4-DICHLOROPHENOL
			UG/L	UG/L	UG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	0.014	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	7E-05	7E-05	7E-05	NC	NC	NC	NC	NC	NC	2.6	2.6	2.6	NC	22000	NC	11
		AWQC	6E-05	6E-05	6E-05	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	600	60
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	2.9	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	0.9 J	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	--	--	--	--	--	--	--	--	--	--	--	--	--	1.6	0.42 U	1.1 U
MRC-MW101A-20130320	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	8	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	2.1	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	0.49 U	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	2.6	0.3 U	0.8 U
MRC-MW101B-20130320	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-AVG	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-D	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	0.49 U	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	0.49 U	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	--	--	--	--	--	--	--	--	--	--	--	--	--	0.49 U	0.3 U	0.8 U
MRC-MW102A-20130320	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	3	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	1.1	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	0.49 U	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	0.89 J	0.3 U	0.8 U
MRC-MW102B-20130320	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	0.23 UJ	--	0.002 U	0.02	--	--	--	--
MRC-MW103A-022017-AVG	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	0.171 U	--	0.002 U	0.02	--	--	--	--
MRC-MW103A-022017-D	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	0.112 U	--	0.001 U	0.02	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-AVG	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-D	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-03212012	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	0.48 U	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	0 U	**0.188**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	0.5 UJ	**2.25**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	0.49 U	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)															
			2-CHLOROPHENOL	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	24	4.7	5.8	NC	0.012	NC	NC	0.018	0.015	NC	NC	NC	16	19	NC	NC
		AWQC	800	NC	90	NC	400	NC	NC	0.0013	0.0001	0.0013	NC	0.013	0.37	0.1	NC	NC
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	0.4 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	1.5 B	**2.2**	2.8 J	0.39 U
MRC-MW101A-20130320	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	0.29 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.8 U	0.8 U	0.8 U	0.28 U
MRC-MW101B-20130320	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-AVG	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-D	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	0.29 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.8 U	0.8 U	0.8 U	0.28 U
MRC-MW102A-20130320	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	0.29 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.8 U	0.8 U	1.9 J	0.28 U
MRC-MW102B-20130320	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-AVG	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-D	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-AVG	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-D	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-03212012	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TENTATIVELY IDENTIFIED COMPOUNI 1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	NC	3.7	210	0.04	3	NC	1.1	0.4	4	0.025	NC	NC	NC	NC	NC
		AWQC	0.13	0.0001	NC	600	20	70	0.0013	NC	NC	300000	30	NC	NC	NC	400	NC
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	0.14 U	0.14 U	0.14 U	0.83 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.83 U	0.14 U	--	--	--	--	--
MRC-MW101A-20130320	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	0.1 U	0.1 U	0.1 U	0.6 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.6 U	0.1 U	--	--	--	--	--
MRC-MW101B-20130320	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-AVG	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-D	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.2 NJ
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	0.1 U	0.1 U	0.1 U	0.6 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.6 U	0.1 U	--	--	--	--	--
MRC-MW102A-20130320	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.3 NJ
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	0.1 U	0.1 U	0.1 U	0.6 U	0.1 U	0.1 U	0.1 U	0.1 U	0.31	0.6 U	0.1 U	--	--	--	--	--
MRC-MW102B-20130320	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-AVG	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-D	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-AVG	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-D	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-03212012	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	OS-VOLATILES (UG/L)				VOLATILE GASES (UG/L)											
			DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	ETHANE	ETHENE	METHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	NC	NC	NC	NC	NC	NC	1200	NC	47	25	8	NC	24	33	0.7
		AWQC	NC	NC	NC	NC	NC	NC	NC	8.9	NC	NC	20000	NC	NC	0.076	NC	3000
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	1400 U	750 U	950 U	850 U	30 U	750 U	600 U	650 U
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	1900 U	1000 U	1300 U	1100 U	39 U	1000 U	800 U	870 U
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	280 U	150 U	190 U	170 U	5.9 U	150 U	120 U	130 U
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	14 U	7.5 U	9.5 U	8.5 U	0.3 U	7.5 U	6 U	6.5 U
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	0.34 U	0.41 UJ	0.58 J	0.66 J	0.35 U	--	0.27 U	--	0.26 U
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	0.24 U	0.45 U	0.48 J	0.49 J	--	--	0.32 U	--	0.25 U
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	0.4 U	0.58 J	0.89 J	0.24 U	0.008 U	0.21 U	0.17 U	0.19 U
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	0.33 U	0.26 U	0.82 J	1	0.93 U	--	0.82 U	--	0.38 U
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	0.28 U	1.7	1.2	0.17 U	0.047 J	0.15 U	0.12 U	0.13 U
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	0.31 UJ	0.2 U	0.57 U	0.82 U	--	0.23 U	0.2 U	0.21 U
MRC-MW101A-120710	MRC-MW101A	20101207	--	--	--	--	--	--	--	--	0.28 U	1.4	0.78 J	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW101A-20130320	MRC-MW101A	20130320	--	1.8 NJ	--	--	--	--	--	--	0.4 U	0.94 J	1.1 J	0.24 U	0.008 U	0.21 U	0.17 U	0.19 U
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	0.34 U	0.41 UJ	5.3	1.8	0.35 U	--	0.27 U	--	0.26 U
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	0.24 U	0.45 U	5.1	1.5	--	--	0.32 U	--	0.25 U
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	0.28 U	3.7	1.1	0.28 B	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	0.33 U	0.26 U	5.6	1.8	0.93 U	--	0.82 U	--	0.38 U
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	0.28 U	2.9	0.77 J	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	0.31 UJ	3.1	1.1	0.82 U	--	0.23 U	0.2 U	0.21 U
MRC-MW101B-120210	MRC-MW101B	20101202	--	--	--	--	--	--	--	--	0.28 U	3.2	0.88 J	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW101B-20130320	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	0.28 U	3.9	1	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	0.34 U	0.41 UJ	0.25 U	0.27 U	0.35 U	--	0.27 U	--	0.26 U
MRC-MW102A-032817-AVG	MRC-MW102A	20170328	--	--	--	--	--	--	--	0.34 U	0.41 U	0.25 U	0.27 U	0.35 U	--	0.27 U	--	0.26 U
MRC-MW102A-032817-D	MRC-MW102A	20170328	--	--	--	--	--	--	--	0.34 U	0.41 UJ	0.25 U	0.27 U	0.35 U	--	0.27 U	--	0.26 U
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	0.24 U	0.45 U	0.3 U	0.45 U	--	--	0.32 U	--	0.25 U
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	0.55 NJ	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	2 U	--	2 U	--	1 U
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	0.31 UJ	0.2 U	0.57 U	0.82 U	--	0.23 U	0.2 U	0.21 U
MRC-MW102A-120110	MRC-MW102A	20101201	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW102A-20130320	MRC-MW102A	20130320	--	--	0.57 NJ	1.7 NJ	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	4.3 U	5.1 U	3.1 U	3.4 U	--	--	**4.4 J**	--	3.3 U
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	3 U	5.6 U	3.8 U	5.6 U	--	--	4 U	--	3.1 U
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	2.3 U	1.2 U	1.6 U	1.4 U	0.049 U	1.2 U	1 U	1.1 U
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	1 U	1 U	1 U	2.2	2 U	--	2 U	--	1 U
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	2.8 U	1.5 U	1.9 J	1.7 U	0.059 U	1.5 U	1.2 U	1.3 U
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	0.31 UJ	0.2 U	1.9	0.82 U	--	0.23 U	0.2 U	0.21 U
MRC-MW102B-120210	MRC-MW102B	20101202	--	--	--	--	--	--	--	--	2.8 U	1.5 U	1.9 U	1.7 U	0.059 U	1.5 U	1.2 U	1.3 U
MRC-MW102B-20130320	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	2.5 U	1.4 U	1.7 U	1.5 U	0.054 U	1.4 U	1.1 U	1.2 U
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-AVG	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-D	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	0.35 U	--	0.27 U	--	0.26 U
MRC-MW103A-030907-AVG	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	0.35 U	--	0.27 U	--	0.26 U
MRC-MW103A-030907-D	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	0.35 U	--	0.27 U	--	0.26 U
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	0.31 UJ	0.2 UJ	0.57 UJ	0.82 UJ	--	0.23 UJ	0.2 UJ	0.21 UJ
MRC-MW103A-03212012	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	0.37 U	--	0.32 U	--	0.25 U
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	2-HEXANONE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMODICHLOROMETHANE	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	100	NC	71	150	26	14000	99	85	170	1500	370	NC	NC	0.92	13.3	1.3
		AWQC	650	31	NC	10	900	NC	NC	NC	NC	NC	16	27	10000	NC	5	800
MRC-E-SB-1364-20	E-SB-1364	20140418	1100 U	900 U	--	700 U	650 U	2900 U	2100 U	600 U	1600 U	5500 U	650 U	750 U	2100 U	650 U	650 U	750 U
MRC-E-SB-1364-24	E-SB-1364	20140418	1500 U	1200 U	--	930 U	870 U	3800 U	2700 U	800 U	2100 U	7300 U	870 U	1000 U	2700 U	870 U	870 U	1000 U
MRC-E-SB-1364-28	E-SB-1364	20140418	220 U	180 U	--	140 U	130 U	570 U	410 U	120 U	320 U	1100 U	130 U	150 U	410 U	130 U	130 U	150 U
MRC-E-SB-1364-32	E-SB-1364	20140418	11 U	9 U	--	7 U	6.5 U	29 U	21 U	6 U	16 U	55 U	6.5 U	7.5 U	21 U	6.5 U	6.5 U	7.5 U
MRC-MW101A-032817	MRC-MW101A	20170328	0.3 U	0.3 U	--	0.32 U	0.23 U	1 U	1.2 U	--	0.71 U	1.8 U	0.28 U	0.3 U	0.42 U	0.34 UJ	0.35 U	0.32 U
MRC-MW-101A-040116	MRC-MW101A	20160401	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 UJ	0.48 UJ	--	0.99 UJ	0.94 U	0.35 U	0.29 U	0.44 UJ	0.38 U	0.43 U	0.25 U
MRC-MW101A-041012	MRC-MW101A	20120409	0.31 U	0.26 U	--	0.2 U	0.19 U	0.82 U	0.59 U	0.17 U	0.46 U	1.6 U	0.19 U	0.21 U	0.59 UJ	0.19 U	0.19 U	0.21 U
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	0.32 U	0.24 U	--	0.25 U	0.27 U	1.8 U	1.3 U	--	1.5 U	3.1 U	0.23 U	0.27 U	0.7 U	0.23 U	0.31 U	0.19 U
MRC-MW101A-042811	MRC-MW101A	20110428	0.22 U	0.18 U	--	0.14 U	0.13 U	0.9 J	0.41 U	0.12 U	0.32 U	5 B	0.13 U	0.15 U	0.41 U	0.31 J	0.13 U	0.15 U
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	0.36 U	0.2 U	--	0.2 U	0.2 U	0.81 U	1.7 U	0.2 UJ	0.67 U	1.3 U	0.2 U	0.32 U	0.29 U	0.22 U	0.45 U	0.29 U
MRC-MW101A-120710	MRC-MW101A	20101207	0.3 J	0.45 J	--	0.14 U	0.13 U	0.57 U	0.73 J	0.12 U	0.64 J	15 B	0.13 U	0.15 U	0.41 U	**2.5**	0.13 U	0.15 U
MRC-MW101A-20130320	MRC-MW101A	20130320	0.31 U	0.26 U	--	0.2 U	0.19 U	0.82 U	0.59 U	0.17 U	0.46 U	1.6 U	0.19 U	0.21 U	0.59 U	0.19 U	0.19 U	0.21 U
MRC-MW101B-032817	MRC-MW101B	20170328	0.3 U	0.3 U	--	0.32 U	0.23 U	1 U	1.2 U	--	0.71 U	1.8 U	0.28 U	0.3 U	0.42 U	0.34 UJ	0.35 U	0.32 U
MRC-MW-101B-040116	MRC-MW101B	20160401	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 UJ	0.48 UJ	--	0.99 UJ	0.94 U	0.35 U	0.29 U	0.44 UJ	0.38 U	0.43 U	0.25 U
MRC-MW101B-040912	MRC-MW101B	20120409	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW-101B-042115	MRC-MW101B	20150421	0.32 U	0.24 U	--	0.25 U	0.27 U	1.8 U	1.3 U	--	1.5 U	4.8 J	0.23 U	0.27 U	0.62 U	0.23 U	0.31 U	0.19 U
MRC-MW101B-042711	MRC-MW101B	20110427	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW101B-050814	MRC-MW101B	20140508	0.36 U	0.2 U	--	0.2 U	0.2 U	0.81 U	1.7 U	0.2 UJ	0.67 U	1.3 U	0.2 U	0.32 U	0.29 U	0.22 U	0.45 U	0.29 U
MRC-MW101B-120210	MRC-MW101B	20101202	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	6.2 B	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW101B-20130320	MRC-MW101B	20130320	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW102A-032817	MRC-MW102A	20170328	0.3 U	0.3 U	--	0.32 U	0.23 U	1 U	1.2 U	--	0.71 U	1.8 U	0.28 U	0.3 U	0.42 U	0.34 UJ	0.35 U	0.32 U
MRC-MW102A-032817-AVG	MRC-MW102A	20170328	0.3 U	0.3 U	--	0.32 U	0.23 U	1 U	1.2 U	--	0.71 U	1.8 U	0.28 U	0.3 U	0.42 U	0.34 U	0.35 U	0.32 U
MRC-MW102A-032817-D	MRC-MW102A	20170328	0.3 U	0.3 U	--	0.32 U	0.23 U	1 U	1.2 U	--	0.71 U	1.8 U	0.28 U	0.3 U	0.42 U	0.34 UJ	0.35 U	0.32 U
MRC-MW-102A-040516	MRC-MW102A	20160405	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 U	0.48 U	--	0.99 U	0.94 U	0.35 U	0.29 U	0.44 UJ	0.38 U	0.43 U	0.25 U
MRC-MW102A-040612	MRC-MW102A	20120406	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 UR	0.41 U	0.12 U	0.32 U	1.1 U	3.1	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW-102A-042015	MRC-MW102A	20150420	1 U	1 U	--	1 U	1 U	10 U	5 U	--	5 U	10 U	0.42 J	1 U	0.6 U	1 UJ	1 U	1 U
MRC-MW102A-042811	MRC-MW102A	20110428	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.5 B	3.1	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW102A-050814	MRC-MW102A	20140508	0.36 U	0.2 U	--	0.2 U	0.2 U	0.81 U	1.7 U	0.2 UJ	0.67 U	1.3 U	0.22 J	0.32 U	0.29 U	0.22 U	0.45 U	0.29 U
MRC-MW102A-120110	MRC-MW102A	20101201	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	6.7 B	3.2	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW102A-20130320	MRC-MW102A	20130320	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	1	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	3.8 U	3.8 U	--	4 U	2.9 U	13 U	15 U	--	8.9 U	22 U	3.5 U	3.8 U	5.3 U	4.3 U	4.4 U	4 U
MRC-MW-102B-040516	MRC-MW102B	20160405	2.9 U	3.1 U	--	2.4 U	3.4 U	6.6 U	6 U	--	12 U	12 U	4.4 U	3.6 U	5.5 UJ	4.8 U	5.4 U	3.1 U
MRC-MW102B-040612	MRC-MW102B	20120406	1.8 U	1.5 U	--	1.2 U	1.1 U	4.7 UR	3.4 U	1 U	2.7 U	9.2 U	1.1 U	1.2 U	3.4 U	1.1 U	1.1 U	1.2 U
MRC-MW-102B-042015	MRC-MW102B	20150420	1 U	1 U	--	1 U	1 U	10 U	5 U	--	5 U	10 U	0.38 J	1 U	0.56 U	1 UJ	1 U	1 U
MRC-MW102B-042811	MRC-MW102B	20110428	2.2 U	1.8 U	--	1.4 U	1.3 U	5.7 U	4.1 U	1.2 U	3.2 U	11 U	1.3 U	1.5 U	4.1 U	1.3 U	1.3 U	1.5 U
MRC-MW102B-050814	MRC-MW102B	20140508	0.36 U	0.2 U	--	0.2 U	0.2 U	0.81 U	1.7 U	0.2 UJ	0.67 U	1.3 U	0.27 J	0.32 U	0.29 U	0.22 U	0.45 U	0.29 U
MRC-MW102B-120210	MRC-MW102B	20101202	2.2 U	1.8 U	--	1.4 U	1.3 U	5.7 U	4.1 U	1.2 U	3.2 U	11 U	1.3 U	1.5 U	4.1 U	1.3 U	1.3 U	1.5 U
MRC-MW102B-20130320	MRC-MW102B	20130320	2 U	1.6 U	--	1.3 U	1.2 U	5.2 U	3.7 U	1.1 U	2.9 U	10 U	1.2 U	1.4 U	3.7 U	1.2 U	1.2 U	1.4 U
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-AVG	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-D	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	0.32 U	0.23 U	--	--	--	--	--	--	--	--	--	--	0.32 U
MRC-MW103A-030907-AVG	MRC-MW103A	20170309	--	--	--	0.32 U	0.23 U	--	--	--	--	--	--	--	--	--	--	0.32 U
MRC-MW103A-030907-D	MRC-MW103A	20170309	--	--	--	0.32 U	0.23 U	--	--	--	--	--	--	--	--	--	--	0.32 U
MRC-MW103A-031814	MRC-MW103A	20140318	23 J	0.27 J	--	0.2 UJ	0.2 UJ	0.81 UJ	1.7 UJ	0.2 UJ	0.67 UJ	1.3 UJ	0.2 UJ	0.32 UJ	0.29 UJ	0.22 UJ	0.45 UJ	0.29 UJ
MRC-MW103A-03212012	MRC-MW103A	20120321	34	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 UJ	0.13 U	0.13 U	0.54 J
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	0.19 U	0.27 U	--	--	--	--	--	--	--	--	--	--	0.25 U
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	22	0.21 J	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	1.2

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SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)															
			CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CYCLOHEXANE	ETHYL TERT-BUTYL ETHER	FLUORODICHLOROMETHANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	1.8	NC	NC	NC	NC	NC	2.6	NC	NC	11070	98.1	1.1	128	NC	NC
		AWQC	NC	2000	NC	NC	NC	NC	NC	NC	NC	NC	NC	1000	NC	NC	NC	NC
MRC-E-SB-1364-20	E-SB-1364	20140418	1500 U	800 U	1500 U	850 U	--	550 U	--	650 U	1200 U	--	850 U	1700 U	1200 U	700 U	700 U	650 U
MRC-E-SB-1364-24	E-SB-1364	20140418	1900 U	1100 U	2000 U	1100 U	--	730 U	--	870 U	1600 U	--	1100 U	2200 U	1600 U	930 U	930 U	870 U
MRC-E-SB-1364-28	E-SB-1364	20140418	290 U	160 U	300 U	170 U	--	110 U	--	130 U	240 U	--	170 U	330 U	240 U	140 U	140 U	130 U
MRC-E-SB-1364-32	E-SB-1364	20140418	15 U	8 U	15 U	13 J	--	5.5 U	--	6.5 U	12 U	--	17 J	17 U	12 U	7 U	7 U	6.5 U
MRC-MW101A-032817	MRC-MW101A	20170328	0.41 U	0.31 U	0.43 U	28	0.44 UJ	--	--	0.21 U	--	0.45 UJ	0.27 U	0.53 U	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	0.32 UJ	0.25 U	0.44 U	26	0.45 U	--	--	0.35 U	--	0.43 U	0.2 U	0.33 U	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	0.41 U	0.23 U	0.43 U	44	--	0.16 U	--	0.19 U	0.34 U	--	0.24 U	0.47 U	0.34 U	0.2 U	0.2 U	0.19 U
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	0.33 U	0.21 U	0.31 U	39.6	0.29 U	--	--	0.22 U	0.52 U	0.3 U	0.33 U	0.45 U	--	--	1 UJ	--
MRC-MW101A-042811	MRC-MW101A	20110428	0.29 U	0.16 U	0.3 U	38	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	0.24 U	0.25 U	0.21 U	2.6	--	0.2 U	--	0.2 U	0.33 U	--	0.29 U	0.32 U	0.2 U	0.2 U	0.2 U	0.27 UJ
MRC-MW101A-120710	MRC-MW101A	20101207	0.29 U	1.6	0.3 U	20	--	0.11 U	--	0.13 U	0.46 J	--	0.17 U	0.33 U	0.38 J	0.14 U	0.26 J	0.13 U
MRC-MW101A-20130320	MRC-MW101A	20130320	0.41 U	0.23 U	0.43 U	51	--	--	--	0.19 U	0.34 U	--	0.24 U	0.47 U	0.34 U	0.2 U	0.2 U	0.19 U
MRC-MW101B-032817	MRC-MW101B	20170328	0.41 U	0.31 U	0.43 U	1.6	0.44 UJ	--	--	0.21 U	--	0.45 UJ	0.27 U	0.53 U	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	0.32 UJ	0.25 U	0.44 U	1.8	0.45 U	--	--	0.35 U	--	0.43 U	0.2 U	0.33 U	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	0.29 U	0.16 U	0.3 U	2.3	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW-101B-042115	MRC-MW101B	20150421	7	0.21 U	0.33 J	2	0.29 U	--	--	0.22 U	0.52 U	0.3 U	0.33 U	0.45 U	--	--	0.33 U	--
MRC-MW101B-042711	MRC-MW101B	20110427	0.29 U	0.23 J	0.3 U	2.1	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW101B-050814	MRC-MW101B	20140508	0.24 U	0.25 U	0.21 U	1.4	--	0.2 U	--	0.2 U	0.33 U	--	0.29 U	0.32 U	0.2 U	0.2 U	0.2 U	0.27 UJ
MRC-MW101B-120210	MRC-MW101B	20101202	0.29 U	1	0.66 J	2.8	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW101B-20130320	MRC-MW101B	20130320	0.29 U	0.16 U	0.3 U	2	--	--	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW102A-032817	MRC-MW102A	20170328	0.41 U	0.31 U	0.43 U	1.9	1.4 J	--	--	0.21 U	--	0.47 J	0.27 U	0.53 U	--	--	--	--
MRC-MW102A-032817-AVG	MRC-MW102A	20170328	0.41 U	0.31 U	0.43 U	1.85	1.25	--	--	0.21 U	--	0.348	0.27 U	0.53 U	--	--	--	--
MRC-MW102A-032817-D	MRC-MW102A	20170328	0.41 U	0.31 U	0.43 U	1.8	1.1 J	--	--	0.21 U	--	0.45 UJ	0.27 U	0.53 U	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	0.32 UJ	0.25 U	0.44 U	1.5	1.3	--	--	0.35 U	--	0.68 J	0.2 U	0.33 U	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	0.29 U	0.16 U	0.3 U	1.8	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW-102A-042015	MRC-MW102A	20150420	1 U	1 U	1 U	2.3	1.2	--	--	1 U	2 U	0.63 J	1 U	1 U	--	--	1 U	--
MRC-MW102A-042811	MRC-MW102A	20110428	0.29 U	0.16 U	0.3 U	2.5	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW102A-050814	MRC-MW102A	20140508	0.24 U	0.25 U	0.21 U	1.2	--	0.2 U	--	0.2 U	0.33 U	--	0.29 U	0.32 U	0.2 U	0.2 U	0.2 U	0.27 UJ
MRC-MW102A-120110	MRC-MW102A	20101201	0.29 U	0.19 J	0.3 U	1.2	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW102A-20130320	MRC-MW102A	20130320	0.29 U	0.16 U	0.3 U	2.6	--	--	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	5.1 U	3.9 U	5.4 UJ	520	5.5 U	--	--	2.6 U	--	5.6 U	3.4 U	33 U	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	4 UJ	3.1 U	5.5 U	350	5.6 U	--	--	4.4 U	--	5.4 U	2.5 U	8.9 U	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	2.4 U	1.3 U	2.5 U	300	--	0.92 U	--	1.1 U	2 U	--	1.4 U	5.9 B	2 U	1.2 U	1.2 U	1.1 U
MRC-MW-102B-042015	MRC-MW102B	20150420	1 U	1 U	1 U	482	1 U	--	--	1 U	2 U	1 UJ	1 U	1 U	--	--	1 U	--
MRC-MW102B-042811	MRC-MW102B	20110428	2.9 U	1.6 U	3 U	370	--	1.1 U	--	1.3 U	2.4 U	--	1.7 U	3.3 J	2.4 U	1.4 U	1.4 U	1.3 U
MRC-MW102B-050814	MRC-MW102B	20140508	0.24 U	0.25 U	0.21 U	410 J	--	0.2 U	--	0.2 U	0.33 U	--	0.29 U	0.32 U	0.2 U	0.2 U	0.2 U	0.27 UJ
MRC-MW102B-120210	MRC-MW102B	20101202	2.9 U	1.6 U	3 U	300	--	1.1 U	--	1.3 U	2.4 U	--	1.7 U	3.3 U	2.4 U	1.4 U	1.4 U	1.3 U
MRC-MW102B-20130320	MRC-MW102B	20130320	2.6 U	1.5 U	2.7 U	360	--	--	--	1.2 U	2.2 U	--	1.5 U	3.6 B	2.2 U	1.3 U	1.3 U	1.2 U
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-AVG	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-D	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-AVG	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-D	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	0.24 UJ	1.5 J	0.21 UJ	0.3 UJ	--	0.2 UJ	--	0.2 UJ	0.33 UJ	--	0.29 UJ	0.32 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.27 UJ
MRC-MW103A-03212012	MRC-MW103A	20120321	0.29 UJ	1.8	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	0.29 U	2.3	0.45 J	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	111	2	590	13	13	970	21	NC	16	930
		AWQC	NC	29	520	NC	NC	NC	4000	7	NC	NC	1.6
MRC-E-SB-1364-20	E-SB-1364	20140418	20000 U	1500 U	650 U	--	700 U	--	950 U	**1E+05**	1100 U	950 U	1100 U
MRC-E-SB-1364-24	E-SB-1364	20140418	26000 U	1900 U	870 U	--	930 U	--	1300 U	**2E+05**	1400 U	1300 U	1500 U
MRC-E-SB-1364-28	E-SB-1364	20140418	3900 U	290 U	130 U	--	140 U	--	190 U	**27000**	210 U	190 U	220 U
MRC-E-SB-1364-32	E-SB-1364	20140418	200 U	15 U	6.5 U	--	7 U	--	9.5 U	**1100**	11 U	9.5 U	11 U
MRC-MW101A-032817	MRC-MW101A	20170328	--	0.3 U	0.23 U	--	0.24 U	--	1.6	4.4	0.5 U	--	**1.9**
MRC-MW-101A-040116	MRC-MW101A	20160401	--	0.31 U	0.23 U	--	0.52 U	0.52	1	4.9	0.49 UJ	--	1.2
MRC-MW101A-041012	MRC-MW101A	20120409	5.6 UR	0.41 U	0.19 U	--	0.4 U	--	1.9	1.3 J	0.3 U	0.27 U	**2.1**
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	0.35 U	0.23 U	--	--	--	1.7	**7.1**	0.24 U	--	**1.9**
MRC-MW101A-042811	MRC-MW101A	20110428	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	1.5	6.5	0.21 U	0.19 U	**2.5**
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	1.1	0.2 U	1.1 U	0.32 U
MRC-MW101A-120710	MRC-MW101A	20101207	3.9 UR	0.29 U	1.2	--	0.72 J	--	0.57 J	3.5	0.21 U	0.28 J	1.1
MRC-MW101A-20130320	MRC-MW101A	20130320	5.6 UR	0.41 U	0.19 U	--	0.4 U	--	2.2	**8.9**	0.3 UJ	0.27 UR	**4**
MRC-MW101B-032817	MRC-MW101B	20170328	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	1.7	0.5 U	--	0.45 U
MRC-MW-101B-040116	MRC-MW101B	20160401	--	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	1.9	0.49 UJ	--	0.29 U
MRC-MW101B-040912	MRC-MW101B	20120409	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	2.6	0.21 U	0.19 UR	0.22 U
MRC-MW-101B-042115	MRC-MW101B	20150421	--	0.35 U	0.23 U	--	--	--	0.26 U	2	0.24 U	--	0.3 U
MRC-MW101B-042711	MRC-MW101B	20110427	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	2.2	0.21 U	0.19 U	0.22 U
MRC-MW101B-050814	MRC-MW101B	20140508	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	1.4	0.2 U	1.1 U	0.32 U
MRC-MW101B-120210	MRC-MW101B	20101202	3.9 UR	0.29 U	0.43 J	--	0.28 U	--	0.19 U	3	0.21 U	0.19 U	0.22 U
MRC-MW101B-20130320	MRC-MW101B	20130320	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	2.3	0.21 UJ	0.19 UR	0.22 U
MRC-MW102A-032817	MRC-MW102A	20170328	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.33 U	0.5 U	--	0.45 U
MRC-MW102A-032817-AVG	MRC-MW102A	20170328	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.33 U	0.5 U	--	0.45 U
MRC-MW102A-032817-D	MRC-MW102A	20170328	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.33 U	0.5 U	--	0.45 U
MRC-MW-102A-040516	MRC-MW102A	20160405	--	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.22 U	0.49 UJ	--	0.3 J
MRC-MW102A-040612	MRC-MW102A	20120406	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	0.21 U	0.19 U	0.39 J
MRC-MW-102A-042015	MRC-MW102A	20150420	--	1 U	1 U	--	--	--	1 U	0.42 J	1 U	--	0.38 J
MRC-MW102A-042811	MRC-MW102A	20110428	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	0.21 U	0.19 U	0.48 J
MRC-MW102A-050814	MRC-MW102A	20140508	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	0.22 U	0.2 U	1.1 U	0.32 U
MRC-MW102A-120110	MRC-MW102A	20101201	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	0.21 U	0.19 U	0.26 J
MRC-MW102A-20130320	MRC-MW102A	20130320	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	0.21 UJ	0.19 UR	0.55 J
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	3.8 U	2.9 U	--	3 U	--	4 J	**150**	6.3 U	--	5.6 U
MRC-MW-102B-040516	MRC-MW102B	20160405	--	3.9 U	2.9 U	--	6.5 U	6.5	3.8 U	**78**	6.1 UJ	--	3.6 U
MRC-MW102B-040612	MRC-MW102B	20120406	32 UR	2.4 U	1.1 U	--	2.3 U	--	2.6 J	**69**	1.7 U	1.6 U	1.8 U
MRC-MW-102B-042015	MRC-MW102B	20150420	--	1 U	1 U	--	--	--	6 J	**123**	1 U	--	0.39 J
MRC-MW102B-042811	MRC-MW102B	20110428	39 UR	2.9 U	1.3 U	--	2.8 U	--	3.2 J	**78**	2.1 U	1.9 U	2.2 U
MRC-MW102B-050814	MRC-MW102B	20140508	11 U	0.3 U	0.2 U	--	0.53 U	--	2.9	**93**	0.2 U	1.1 U	0.35 J
MRC-MW102B-120210	MRC-MW102B	20101202	39 UR	2.9 U	1.3 U	--	2.8 U	--	3.2 J	**81**	2.1 U	1.9 U	2.2 U
MRC-MW102B-20130320	MRC-MW102B	20130320	35 UR	2.6 U	1.2 U	--	2.5 U	--	3.1 J	**73**	1.9 UJ	1.7 UR	2 U
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-AVG	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-D	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-AVG	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-D	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	11 UJ	0.3 UJ	0.2 UJ	--	0.53 UJ	--	0.33 UJ	0.22 UJ	3.1 J	1.1 UJ	0.32 UJ
MRC-MW103A-03212012	MRC-MW103A	20120321	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	7.3 J	0.19 UR	0.22 U
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	6	0.19 U	0.22 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURA	DISSOLVED METALS (UG/L)														
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MOLYBDENUM	NICKEL	SELENIUM	VANADIUM
			MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	340	NC	NC	1.8	16	NC	13	NC	65	NC	NC	470	20	NC
		NRWQC Chronic	NC	NC	150	NC	NC	0.72	11	NC	9	NC	2.5	NC	NC	52	5	NC
		BTAG	3E-06	30	5	4	0.66	0.25	85	23	9	300	2.5	120	73	52	1	20
		AWQC	5E-06	640	0.14	NC	NC	NC	NC	NC	NC	NC	NC	100	NC	4600	4200	NC
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-20130327	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-03212012	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-20130327	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-AVG	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-D	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	0.46 B	0.28 B	**110**	**2.6**	0.11 B	0.18 B	**28**	1 B	--	0.43 B	--	0.81 U	51	0.48 J	0.3 B
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-AVG	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-D	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	0.14 B	0.47 B	**52**	**7.9**	0.029 B	0.27 B	**46**	0.9 B	--	0.26 B	--	0.81 U	**88**	0.34 U	0.15 U
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-AVG	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-AVG	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-D	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-D	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE		FILTERED (0.10) METALS (UG/L)															
			ZINC	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	COBALT	COPPER	LEAD	NICKEL	VANADIUM	ZINC	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	120	340	NC	NC	2	NC	13	65	470	NC	120	340	NC	NC	2	16
		NRWQC Chronic	120	150	NC	NC	0.25	NC	9	2.5	52	NC	120	150	NC	NC	0.25	11
		BTAG	120	5	4	0.66	0.25	23	9	2.5	52	20	120	5	4	0.66	0.25	85
		AWQC	26000	0.14	NC	NC	NC	NC	NC	NC	4600	NC	26000	0.14	NC	NC	NC	NC
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-20130327	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-03212012	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-20130327	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-AVG	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-D	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-AVG	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-D	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	**140**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-AVG	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-AVG	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-D	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-D	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	FILTERED (0.45) METALS (UG/L)															
			COBALT	COPPER	LEAD	MOLYBDENUM	NICKEL	SELENIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	13	65	NC	470	20	NC	120	750	NC	340	NC	NC	2	NC	16
		NRWQC Chronic	NC	9	2.5	NC	52	5	NC	120	87	NC	150	NC	NC	0.25	NC	11
		BTAG	23	9	2.5	73	52	1	20	120	87	30	5	4	0.66	0.25	116000	85
		AWQC	NC	NC	NC	NC	4600	4200	NC	26000	NC	640	0.14	NC	NC	NC	NC	NC
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	--	--	--	--	--	--	--	--	--	0.14 J	**0.41 J**	**124**	0.3 B	0.13 U	--	2.8 B
MRC-MW103A-20130327	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-03212012	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	0.13 U	**0.73 J**	**46**	**1.7**	0.13 U	--	0.71 U
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	**68.4**	0.55 J	0.13 U	--	0.71 U
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	**59.2**	0.48 B	0.13 U	--	0.71 UL
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-20130327	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	**0.98 J**	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-AVG	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-D	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	--	--	--	--	--	--	--	--	0.58 B	0.38 B	**110**	**2.9**	0.18 J	--	0.38 B
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	**6.8**	--	--	--
MRC-MW114A-032014-AVG	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	**6.9**	--	--	--
MRC-MW114A-032014-D	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	**7**	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	--	--	--	--	--	--	--	--	0.3 B	0.55 B	**56**	**7.8**	0.048 B	--	0.71 B
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	66 J	3.1 U	3.3 U	**63 J**	1.3 U	0.29 U	18000	0.55 U
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	56 J	3.1 U	**4.1 J**	**160 J**	2 U	0.29 U	27000	0.55 U
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	**250 J**	3.1 U	3.3 U	**110 J**	2.1 U	0.29 U	16000	0.55 U
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	40 U	3.1 U	3.3 U	**68 J**	**4.3 J**	0.29 U	11000	0.55 U
MRC-MW125A-112217-AVG	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-AVG	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	38	3.1 U	3.3 U	**67.5**	**4.4**	0.29 U	10500	0.55 U
MRC-MW125A-112217-D	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-D	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	56 J	3.1 U	3.3 U	**67 J**	**4.5 J**	0.29 U	10000	0.55 U
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	40 U	4.5 J	3.3 U	**54 J**	**4.9 J**	0.29 U	4400 J	0.55 U
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)															
			COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE	SILVER	SODIUM	THALLIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	13	NC	65	NC	NC	NC	NC	470	NC	20	NC	NC	3.2	NC	NC
		NRWQC Chronic	NC	9	NC	2.5	NC	NC	NC	NC	52	NC	5	NC	NC	NC	NC	NC
		BTAG	23	9	300	2.5	82000	120	0.026	73	52	53000	1	NC	NC	3.2	680000	0.8
		AWQC	NC	NC	NC	NC	NC	100	NC	NC	4600	NC	4200	NC	NC	NC	NC	0.47
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	14.8	1.9 B	**2380**	1.4	--	**386**	0.12 U	0.34 B	29.4	--	1.2 U	--	--	0.08 U	--	0.2 B
MRC-MW103A-20130327	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-03212012	MRC-MW103B	20120321	**25**	1.7 J	--	0.18 U	--	--	0.12 U	0.093 U	40	--	0.57 U	--	--	0.08 U	--	0.14 U
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	21.8	0.57 B	--	0.18 U	--	--	0.1 U	0.093 U	44.8	--	1.2 U	--	--	0.08 U	--	0.19 B
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	20	0.29 U	**2470**	0.18 U	--	**384**	0.12 U	0.093 U	38	--	1.2 U	--	--	0.08 U	--	0.19 B
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-20130327	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	**34.4**	--	--	--	--	--	0.024 U	--	**54.8**	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-AVG	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-D	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	**28**	0.91 B	--	0.71 B	--	--	0.12 U	0.81 U	51	--	0.4 J	--	--	0.043 B	--	0.4 U
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	**28.8**	--	--	--	--	--	0.024 U	--	**67.1**	--	--	--	--	--	--	--
MRC-MW114A-032014-AVG	MRC-MW114A	20140320	**29.1**	--	--	--	--	--	0.024 U	--	**68**	--	--	--	--	--	--	--
MRC-MW114A-032014-D	MRC-MW114A	20140320	**29.4**	--	--	--	--	--	0.024 U	--	**68.9**	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	**47**	0.77 B	--	0.56 B	--	--	0.12 U	0.81 U	**92**	--	0.56 J	--	--	0.016 B	--	0.4 U
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	**44**	3.9 U	**2900**	1.9 U	3600 J	**800**	0.13 U	--	28 J	3100 J	5.1 U	--	--	0.92 U	2E+05	2.1 U
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	**35**	3.9 U	**6600**	1.9 U	10000	**610**	0.13 U	--	52	12000	5.1 U	--	--	0.92 U	81000	2.1 U
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	**30**	3.9 U	**820**	1.9 U	5900	**470**	0.13 U	--	52	6800	5.1 U	--	--	0.92 U	26000	2.1 U
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	22	3.9 U	53 U	1.9 U	3200 J	**510**	0.13 U	--	42	2300 J	5.1 U	--	--	0.92 U	8800	2.1 U
MRC-MW125A-112217-AVG	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-AVG	MRC-MW125A	20171122	22	3.9 U	51.5 U	1.9 U	3150	**505**	0.13 U	--	41.5	2300	5.1 U	--	--	0.92 U	8750	2.1 U
MRC-MW125A-112217-D	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-D	MRC-MW125A	20171122	22	3.9 U	50 U	1.9 U	3100 J	**500**	0.13 U	--	41	2300 J	5.1 U	--	--	0.92 U	8700	2.1 U
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	**27**	3.9 U	90 U	1.9 U	2500 J	**520**	0.13 U	--	50	1800 J	5.1 U	--	--	0.92 U	7600	2.1 U
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE				MICROBIOLOGICAL (CELLS/ML)														
			URANIUM-238	VANADIUM	ZINC	DEHALOBACTER	DEHALOCOCCOIDES	TCE R-DASE	ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON
			UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		NRWQC Acute	NC	NC	120	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.022	NC
		NRWQC Chronic	NC	NC	120	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.0052	NC
		BTAG	2.6	20	120	NC	NC	NC	NC	0.019	0.019	NC	NC	NC	NC	230	0.005	NC
		AWQC	NC	NC	26000	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	--	3.8 J	20.4 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-20130327	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	0.02 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-03212012	MRC-MW103B	20120321	--	0.44 U	55	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	0.44 U	30.8 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	0.67 J	29.9	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-20130327	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	0.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-AVG	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-D	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	0.48 B	58	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	0.055	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-AVG	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-D	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	0.93 B	140	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	4.4 UJ	32 J	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	4.4 UJ	50	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	4.4 UJ	76	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	4.4 U	43 J	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-AVG	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-AVG	MRC-MW125A	20171122	--	4.4 U	42.5	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-D	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-D	MRC-MW125A	20171122	--	4.4 U	42 J	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	4.4 U	58	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)															
			HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE-N	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL SUSPENDED SOLIDS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		NRWQC Acute	0.016	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	0.011	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	0.011	NC	NC	0.02	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		AWQC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-20130327	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-03212012	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-20130327	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	7E-04	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-AVG	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-D	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	2E-05 L	--	--	--	--	0.003	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	8E-04	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-AVG	MRC-MW114A	20140320	--	--	--	--	--	8E-04	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-D	MRC-MW114A	20140320	--	--	--	--	--	8E-04	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	2E-05 UL	--	--	--	--	1E-04 J	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	0.002 UJ	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124A-112017	MRC-MW124A	20171120	0.002 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124B-112017	MRC-MW124B	20171120	0.002 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217	MRC-MW125A	20171122	0.002 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-AVG	MRC-MW125A	20171122	0.002 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-AVG	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-D	MRC-MW125A	20171122	0.002 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-D	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112217	MRC-MW125B	20171122	0.002 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOU	MISCELLANEOUS PARAMETERS		PCB HOMOLOGS (UG/L)							PCB HOMOLOGS, FILTERED		PCBS (UG/L)			
			PH	BROMIDE	PERCHLORATE	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	AROCLOR-1254	AROCLOR-1260	DICHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
			S.U.	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	NC	NC	0.014	0.014
		BTAG	NC	NC	NC	7E-05	NC	NC	7E-05	7E-05	NC	NC	7E-05	7E-05	7E-05	7E-05	7E-05	7E-05
		AWQC	NC	NC	NC	6E-05	NC	NC	6E-05	6E-05	NC	NC	6E-05	6E-05	6E-05	6E-05	6E-05	6E-05
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	0.005 U	0.029 U	0.014 U	0.005 U	0.013 U	0.012 U	0.006 U	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	0.006 U
MRC-MW103A-120210	MRC-MW103A	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-20130327	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	0.16 U	0.17 U	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	0.005 U	0.03 U	0.015 U	0.006 U	0.014 U	0.013 U	0.007 U	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	0.004 U	0.011 U	0.01 UJ	0.002 U	0.009 U	0.005 U	0.005 U	--	--	--	--	--	--
MRC-MW103B-03212012	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	--	--	--	0.16 U	0.17 U	--	--
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	0.029 U	0.038 U	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	0.5 UJ	0.5 UJ	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	0.004 U	0.011 U	0.01 U	0.002 U	0.009 U	0.005 U	0.003 U	0.004 U	0.002 U	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	--	--	--	0.16 UJ	0.17 UJ	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	0.005 U	0.029 U	0.015 U	0.006 U	0.014 U	0.013 U	0.006 U	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	0.006 U
MRC-MW103B-20130327	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	0.16 U	0.17 U	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	0.004 U	0.011 U	0.01 U	0.002 U	0.009 U	0.005 U	0.003 U	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	0.006 U	0.031 U	0.016 U	0.006 U	0.015 U	0.014 U	0.007 U	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	0.029 U	0.038 U	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	0.004 U	0.011 U	0.01 U	0.002 U	0.009 U	0.005 U	0.003 U	0.004 U	0.002 U	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	0.17 J	0.004 U	0.011 U	0.009 U	0.003 U	0.006 U	0.007 U	0.004 U	--	--	--	--	--	--
MRC-MW-113A-042715-AVG	MRC-MW113A	20150427	--	--	0.155	0.004 U	0.011 U	0.009 U	**0.006**	0.006 U	0.007 U	0.004 U	--	--	--	--	--	--
MRC-MW-113A-042715-D	MRC-MW113A	20150427	--	--	0.14 J	0.004 U	0.011 U	0.009 U	**0.011**	0.006 U	0.007 U	0.004 U	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	0.15 U	0.16 U	--	--
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	0.005 U	0.029 U	0.014 U	0.005 U	0.013 U	0.012 U	0.006 U	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	**0.005 J**
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	0.004 U	0.011 U	0.01 U	**0.012**	0.009 U	0.005 U	0.003 U	--	--	--	--	--	--
MRC-MW114A-032014-AVG	MRC-MW114A	20140320	--	--	--	0.004 U	0.011 U	0.01 U	**0.012**	0.009 U	0.005 U	0.003 U	--	--	--	--	--	--
MRC-MW114A-032014-D	MRC-MW114A	20140320	--	--	--	0.004 U	0.011 U	0.01 U	**0.012**	0.009 U	0.005 U	0.003 U	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	0.005 U	0.029 U	0.014 U	**0.01 J**	0.013 U	0.012 U	0.006 U	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	0.029 U	0.038 U	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	0.5 UJ	0.5 UJ	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	0.004 U	0.011 U	0.01 U	**0.007**	0.009 U	0.005 U	0.003 U	0.004 U	0.002 U	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	0.18 U	0.19 U	--	--
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	0.005 U	0.029 U	0.014 U	**0.008 J**	0.013 U	0.012 U	0.006 U	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	**0.008 J**
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	**0.015 J**
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	0.005 U
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	0.006 U
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	0.006 U
MRC-MW125A-112217-AVG	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-AVG	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	0.006 U
MRC-MW125A-112217-D	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-D	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	0.006 U
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	0.006 U
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE				PETROLEUM	PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)				SEMIVOLATILE			
			PENTACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND	OIL & GREASE - HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-230	URANIUM-233/234	URANIUM-235	URANIUM-238	1,4-DIOXANE	1,4-DIOXANE	2,4,5-TRICHLOROPHENOL	2,4-DICHLOROPHENOL
			UG/L	UG/L	UG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	0.014	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	7E-05	7E-05	7E-05	NC	NC	NC	NC	NC	NC	2.6	2.6	2.6	NC	22000	NC	11
		AWQC	6E-05	6E-05	6E-05	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	600	60
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	0.014 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	0.49 U	0.3 U	0.8 U
MRC-MW103A-20130327	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	0.225 UJ	--	3E-04 U	0.003 U	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-03212012	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	0.47 U	--	--
MRC-MW-103B-033016	MRC-MW103B	20160330	--	0 U	**0.187**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	0.5 UJ	**2.25**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	0.49 U	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	0.49 U	0.3 U	0.8 U
MRC-MW103B-120717	MRC-MW103B	20171207	0.014 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-20130327	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	0.064 U	--	0.002 U	0.045	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	6.86	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	6.9	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	0 U	**0.188**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	5.4	--	--
MRC-MW-113A-042715-AVG	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	5.5	--	--
MRC-MW-113A-042715-D	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	5.6	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	0 U	**0.523**	--	--	--	--	--	--	--	--	--	--	6.4	--	--
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	0.013 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	0.194 UJ	--	-3E-05 U	0.019	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	0.709	--	--
MRC-MW114A-032014-AVG	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	0.782	--	--
MRC-MW114A-032014-D	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	0.855	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	0.5	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	0 U	**0.188**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	0.5 UJ	**2.25**	--	--	--	--	--	--	--	--	--	--	0.85	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	0 U	**0.615**	--	--	--	--	--	--	--	--	--	--	2	--	--
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	0.014 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	0.013 U	--	--	--	--	--	--	--	--	--	--	--	0.52	0.47 U	1.2 J	1.4 J
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	0.014 U	--	--	--	--	--	--	--	--	--	--	--	0.62	0.48 U	2.8 J	3
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	0.014 U	--	--	--	--	--	--	--	--	--	--	--	0.32	0.48 U	0.88 J	2
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	0.014 U	--	--	--	--	--	--	--	--	--	--	--	1.7	0.48 U	0.29 UJ	0.18 U
MRC-MW125A-112217-AVG	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-AVG	MRC-MW125A	20171122	0.014 U	--	--	--	--	--	--	--	--	--	--	--	1.7	0.48 U	0.29 U	0.185 U
MRC-MW125A-112217-D	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-D	MRC-MW125A	20171122	0.014 U	--	--	--	--	--	--	--	--	--	--	--	1.7	0.48 U	0.29 UJ	0.19 U
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	0.014 U	--	--	--	--	--	--	--	--	--	--	--	--	0.48 U	0.29 UJ	0.19 U
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	1.8	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)															
			2-CHLOROPHENOL	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	24	4.7	5.8	NC	0.012	NC	NC	0.018	0.015	NC	NC	NC	16	19	NC	NC
		AWQC	800	NC	90	NC	400	NC	NC	0.0013	0.0001	0.0013	NC	0.013	0.37	0.1	NC	NC
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	0.29 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.8 U	0.8 U	0.8 U	0.28 U
MRC-MW103A-20130327	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-03212012	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	0.29 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.8 U	0.8 U	0.8 U	0.28 U
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-20130327	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-AVG	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-D	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-AVG	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-D	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	3.2	0.86	0.043 U	0.046 U	0.085 U	--	--	0.028 U	0.049 U	0.038 U	0.045 U	0.043 U	1.6 U	0.25 U	0.19 U	0.27 U
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	6.2	0.99	0.043 U	0.047 U	0.085 U	--	--	0.029 U	0.05 U	0.038 U	0.045 U	0.043 U	1.7 U	0.25 U	0.19 U	0.27 U
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	2.1	0.54	0.043 U	0.047 U	0.086 U	--	--	0.029 U	0.05 U	0.039 U	0.045 U	0.044 U	1.7 U	0.25 U	0.2 U	0.27 U
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	0.28 U	0.088 U	0.043 U	0.047 U	0.085 U	--	--	0.029 U	0.05 U	0.038 U	0.045 U	0.043 U	1.7 U	0.25 U	0.19 U	0.27 U
MRC-MW125A-112217-AVG	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-AVG	MRC-MW125A	20171122	0.28 U	0.089 U	0.043 U	0.047 U	0.086 U	--	--	0.029 U	0.05 U	0.039 U	0.045 U	0.044 U	1.7 U	0.25 U	0.195 U	0.27 U
MRC-MW125A-112217-D	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-D	MRC-MW125A	20171122	0.28 U	0.089 U	0.043 U	0.047 U	0.086 U	--	--	0.029 U	0.05 U	0.039 U	0.045 U	0.044 U	1.7 U	0.25 U	0.2 U	0.27 U
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	0.28 U	0.089 U	0.043 U	0.047 U	0.086 U	--	--	0.029 U	0.05 U	0.039 U	0.045 U	0.044 U	1.7 U	0.25 U	0.2 U	0.27 U
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TENTATIVELY IDENTIFIED COMPOUNI 1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	NC	3.7	210	0.04	3	NC	1.1	0.4	4	0.025	NC	NC	NC	NC	NC
		AWQC	0.13	0.0001	NC	600	20	70	0.0013	NC	NC	300000	30	NC	NC	NC	400	NC
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	0.1 U	0.1 U	0.1 U	0.6 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.6 U	0.1 U	--	--	--	--	--
MRC-MW103A-20130327	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-03212012	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	0.1 U	0.1 U	0.1 U	0.6 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.6 U	0.1 U	--	--	--	--	--
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-20130327	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-AVG	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-D	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-AVG	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-D	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	0.048 U	0.043 U	0.3 J	0.58 U	0.043 U	0.039 U	0.042 U	0.099 J	0.06 U	0.58 U	0.04 U	--	--	--	--	--
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	0.049 U	0.043 U	0.66 J	0.58 U	0.043 U	0.039 U	0.042 U	0.17 J	0.16 J	0.74 J	0.041 U	--	--	--	--	--
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	0.049 U	0.044 U	0.22 J	0.71 J	0.044 U	0.04 U	0.042 U	0.061 U	0.061 U	0.59 U	0.041 U	--	--	--	--	--
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	0.049 U	0.043 U	0.019 U	0.58 U	0.043 U	0.039 U	0.042 U	0.061 U	0.06 U	0.58 U	0.041 U	--	--	--	--	--
MRC-MW125A-112217-AVG	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-AVG	MRC-MW125A	20171122	0.049 U	0.044 U	0.02 U	0.585 U	0.044 U	0.04 U	0.042 U	0.061 U	0.061 U	0.585 U	0.041 U	--	--	--	--	--
MRC-MW125A-112217-D	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-D	MRC-MW125A	20171122	0.049 U	0.044 U	0.02 U	0.59 U	0.044 U	0.04 U	0.042 U	0.061 U	0.061 U	0.59 U	0.041 U	--	--	--	--	--
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	0.049 U	0.044 U	0.02 U	0.59 U	0.044 U	0.04 U	0.042 U	0.061 U	0.061 U	0.59 U	0.041 U	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	OS-VOLATILES (UG/L)				VOLATILE GASES (UG/L)											
			DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	ETHANE	ETHENE	METHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	NC	NC	NC	NC	NC	NC	1200	NC	47	25	8	NC	24	33	0.7
		AWQC	NC	NC	NC	NC	NC	NC	NC	8.9	NC	NC	20000	NC	NC	0.076	NC	3000
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW103A-20130327	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	0.35 U	--	0.27 U	--	0.26 U
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	0.31 UJ	0.2 UJ	0.57 UJ	0.82 UJ	--	0.23 UJ	0.2 UJ	0.21 UJ
MRC-MW103B-03212012	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	0.37 U	--	0.32 U	--	0.25 U
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-20130327	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	3.1 UJ	2.2 J	5.7 UJ	**60 J**	--	**270 J**	2 UJ	**15 J**
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	6.8 U	8.2 UJ	5 U	5.4 U	**62 J**	--	**230 J**	--	**17 J**
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	4.8 U	9 U	6 U	9 U	**59**	--	**230**	--	**19 J**
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	0.33 U	0.26 U	1.8	0.36 J	**43**	--	**131**	--	**13.8**
MRC-MW-113A-042715-AVG	MRC-MW113A	20150427	--	--	--	--	--	--	--	0.33 U	0.26 U	1.7	0.33	**43.15**	--	**132**	--	**13.65**
MRC-MW-113A-042715-D	MRC-MW113A	20150427	--	--	--	--	--	--	--	0.33 U	0.26 U	1.6	0.3 J	**43.3**	--	**133**	--	**13.5**
MRC-MW113A-072213	MRC-MW113A	20130722	--	--	--	--	--	--	--	--	9.3 U	5 U	6.3 U	**17 J**	0.2 U	130 B	4 U	**11 J**
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	0.31 UJ	0.2 UJ	0.57 UJ	**120 J**	--	**530 J**	0.2 UJ	**30 J**
MRC-MW114A-032014-AVG	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	0.31 U	0.2 U	0.57 U	**120**	--	**565**	0.2 U	**31**
MRC-MW114A-032014-D	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	0.31 UJ	0.2 UJ	0.57 UJ	**120 J**	--	**600 J**	0.2 UJ	**32 J**
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	3.4 U	4.1 UJ	2.5 U	2.7 U	**92 J**	--	**320 J**	--	**18**
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	4 U	7.5 U	5 U	7.5 U	**48**	--	**160**	--	**7.6 J**
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	**97**	--	**260**	--	**17.4**
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	--	--	--	--	--	--	--	93 U	50 UJ	63 UJ	**370 J**	2 UJ	**2400 J**	40 UJ	**170 J**
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	8.5 U	10 U	6.3 U	6.8 U	--	--	**710**	--	**51**
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	21 U	26 U	16 U	17 U	--	--	**1200**	--	**69**
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	1.4 U	1.6 U	1 U	1.1 U	--	--	**130**	--	**9.4**
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	3.4 U	4.1 U	2.5 U	2.7 U	--	--	**12**	--	2.6 U
MRC-MW125A-112217-AVG	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-AVG	MRC-MW125A	20171122	--	--	--	--	--	--	--	2.25 U	2.75 U	1.665 U	1.8 U	--	--	**7.4**	--	1.735 U
MRC-MW125A-112217-D	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-D	MRC-MW125A	20171122	--	--	--	--	--	--	--	1.1 U	1.4 U	0.83 U	0.9 U	--	--	**2.8 J**	--	0.87 U
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	3.4 U	4.1 U	2.5 U	2.7 U	--	--	2.7 U	--	2.6 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	2-HEXANONE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMODICHLOROMETHANE	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	100	NC	71	150	26	14000	99	85	170	1500	370	NC	NC	0.92	13.3	1.3
		AWQC	650	31	NC	10	900	NC	NC	NC	NC	NC	16	27	10000	NC	5	800
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	5.4	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.34 J	0.13 U	0.41 J
MRC-MW103A-20130327	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	0.32 U	0.23 U	--	--	--	--	--	--	--	--	--	--	0.32 U
MRC-MW103B-031814	MRC-MW103B	20140318	1.3 J	0.2 UJ	--	0.2 UJ	0.2 UJ	0.81 UJ	1.7 UJ	0.2 UJ	0.67 UJ	1.3 UJ	0.2 UJ	0.32 UJ	0.29 UJ	0.22 UJ	0.45 UJ	0.29 UJ
MRC-MW103B-03212012	MRC-MW103B	20120321	8.7	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 UJ	0.13 U	0.13 U	0.15 U
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	0.19 U	0.27 U	--	--	--	--	--	--	--	--	--	--	0.25 U
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	11	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.22 J
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-20130327	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	3.6 UJ	2 UJ	--	**14 J**	**36 J**	8.2 UJ	17 UJ	2 UJ	6.7 UJ	13 UJ	2 UJ	3.2 UJ	2.9 UJ	2.2 UJ	4.5 UJ	**23 J**
MRC-MW113A-032917	MRC-MW113A	20170329	6 U	6 U	--	**32**	**50**	20 U	25 U	--	14 U	35 U	5.6 U	6 U	8.4 U	6.8 U	7 U	**54**
MRC-MW-113A-040116	MRC-MW113A	20160401	4.6 U	5 U	--	**29**	**47**	11 U	9.6 U	--	20 U	19 U	7 U	5.8 U	8.8 UJ	7.6 U	8.6 U	**51**
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	1.2	0.24 U	--	**17.5**	**37.7**	1.8 U	1.3 U	--	1.5 U	3.1 U	0.48 J	0.27 U	0.51 U	0.23 U	0.95 J	**33**
MRC-MW-113A-042715-AVG	MRC-MW113A	20150427	1.15	0.24 U	--	**17.45**	**37.6**	1.8 U	1.3 U	--	1.5 U	3.1 U	0.47	0.27 U	0.55 U	0.23 U	0.905	**32.55**
MRC-MW-113A-042715-D	MRC-MW113A	20150427	1.1	0.24 U	--	**17.4**	**37.5**	1.8 U	1.3 U	--	1.5 U	3.1 U	0.46 J	0.27 U	0.59 U	0.23 U	0.86 J	**32.1**
MRC-MW113A-072213	MRC-MW113A	20130722	7.3 U	6 U	--	8.7 J	23 J	19 U	14 U	4 U	11 U	120 B	5.1 J	5 U	14 U	4.3 U	4.3 U	**24 J**
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	**960 J**	7.7 J	--	4.7 J	**49 J**	0.81 UJ	1.7 UJ	0.2 UJ	0.67 UJ	1.3 UJ	0.2 UJ	0.32 UJ	0.29 UJ	0.48 J	0.45 UJ	**510 J**
MRC-MW114A-032014-AVG	MRC-MW114A	20140320	**1030**	7.8	--	4.7	**49**	0.81 U	1.7 U	0.2 U	0.67 U	1.3 U	0.2 U	0.32 U	0.29 U	0.455	0.45 U	**540**
MRC-MW114A-032014-D	MRC-MW114A	20140320	**1100 J**	7.9 J	--	4.7 J	**49 J**	0.81 UJ	1.7 UJ	0.2 UJ	0.67 UJ	1.3 UJ	0.2 UJ	0.32 UJ	0.29 UJ	0.43 J	0.45 UJ	**570 J**
MRC-MW114A-032917	MRC-MW114A	20170329	**400**	4.2 J	--	7.2 J	**51**	10 U	12 U	--	7.1 U	18 U	2.8 U	3 U	4.2 U	3.4 U	3.5 U	**120**
MRC-MW-114A-040116	MRC-MW114A	20160401	**520**	4.2 U	--	3.5 J	23	8.8 UJ	8 UJ	--	17 UJ	16 U	5.8 U	4.8 U	7.3 UJ	6.3 U	7.2 U	**120**
MRC-MW-114A-041415	MRC-MW114A	20150414	**903**	6.4	--	4.9	**49.2**	10 U	5 U	--	5 U	10 U	6	1 U	0.43 U	0.82 J	1 U	**366**
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	**10000 J**	**78 J**	--	47 UJ	**230 J**	190 UJ	140 UJ	40 UJ	110 UJ	1300 B	**150 J**	50 UJ	140 UJ	43 UJ	43 UJ	**5800 J**
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	7.5 U	7.5 U	--	**400**	**230**	26 U	31 U	--	18 U	44 U	15 J	7.5 U	11 U	8.5 U	8.8 U	**880**
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	19 U	19 U	--	**210**	**170**	64 U	77 UJ	--	44 U	110 UJ	18 U	19 U	26 U	21 U	22 U	**450 J**
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	1.2 U	1.2 U	--	**47**	**35**	4.1 U	4.9 U	--	2.8 U	24 U	2.1 J	1.2 U	1.7 U	1.4 U	1.4 U	**89**
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	**120**	3 U	--	3.2 U	2.3 U	10 U	12 U	--	7.1 U	18 U	2.8 U	3 U	4.2 U	3.4 U	3.5 U	**14**
MRC-MW125A-112217-AVG	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-AVG	MRC-MW125A	20171122	**115**	1.2 J	--	2.15 U	1.535 U	6.7 U	8.05 U	--	4.75 U	11.95 U	1.865 U	2 U	2.8 U	2.25 U	2.35 U	**13.5**
MRC-MW125A-112217-D	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-D	MRC-MW125A	20171122	**110**	1.2 J	--	1.1 U	0.77 U	3.4 U	4.1 U	--	2.4 U	5.9 UJ	0.93 U	1 U	1.4 U	1.1 U	1.2 U	**13**
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	**150**	3 U	--	3.2 U	2.3 U	10 U	12 U	--	7.1 U	18 U	2.8 U	3 U	4.2 U	3.4 U	3.5 U	3.2 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)															
			CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CYCLOHEXANE	ETHYL TERT-BUTYL ETHER	FLUORODICHLOROMETHANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	1.8	NC	NC	NC	NC	NC	2.6	NC	NC	11070	98.1	1.1	128	NC	NC
		AWQC	NC	2000	NC	NC	NC	NC	NC	NC	NC	NC	NC	1000	NC	NC	NC	NC
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	0.29 U	4.9	0.55 J	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW103A-20130327	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	0.24 UJ	0.25 UJ	0.21 UJ	0.3 UJ	--	0.2 UJ	--	0.2 UJ	0.33 UJ	--	0.29 UJ	0.32 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.27 UJ
MRC-MW103B-03212012	MRC-MW103B	20120321	0.29 UJ	0.98 J	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	0.29 U	2.2	0.48 J	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	0.29 U	2.9	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-20130327	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	2.4 UJ	2.6 J	2.1 UJ	8.4 J	--	2 UJ	--	2 UJ	3.4 UJ	--	2.9 UJ	3.2 UJ	2.5 U	2 UJ	2 UJ	2.7 UJ
MRC-MW113A-032917	MRC-MW113A	20170329	8.2 U	6.2 U	8.6 UJ	6 U	8.8 U	--	--	4.2 U	--	9 U	5.4 U	53 U	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	6.4 UJ	5 U	8.8 U	7.4 J	9 U	--	--	7 U	--	8.6 U	4 U	14 U	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	0.33 U	1.1	0.31 U	9.5	0.29 U	--	--	0.22 U	0.52 U	0.3 U	0.33 U	0.45 U	--	--	0.33 U	--
MRC-MW-113A-042715-AVG	MRC-MW113A	20150427	0.33 U	1.035	0.31 U	8.95	0.29 U	--	--	0.22 U	0.52 U	0.3 U	0.33 U	0.45 U	--	--	0.33 U	--
MRC-MW-113A-042715-D	MRC-MW113A	20150427	0.33 U	0.97 J	0.31 U	8.4	0.29 U	--	--	0.22 U	0.52 U	0.3 U	0.33 U	0.45 U	--	--	0.33 U	--
MRC-MW113A-072213	MRC-MW113A	20130722	9.7 U	5.3 U	10 U	5.7 U	--	3.7 U	67	4.3 U	8 U	--	5.7 U	28 B	8 UJ	4.7 U	4.7 U	4.3 U
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	0.24 UJ	0.25 UJ	0.21 UJ	0.95 J	--	0.2 UJ	--	0.2 UJ	0.33 UJ	--	0.29 UJ	1.6 J	0.2 UJ	0.2 UJ	0.2 UJ	0.27 UJ
MRC-MW114A-032014-AVG	MRC-MW114A	20140320	0.24 U	0.25 U	0.21 U	0.88	--	0.2 U	--	0.2 U	0.33 U	--	0.29 U	1.45	0.39 U	0.2 U	0.2 U	0.27 U
MRC-MW114A-032014-D	MRC-MW114A	20140320	0.24 UJ	0.25 UJ	0.21 UJ	0.81 J	--	0.2 UJ	--	0.2 UJ	0.33 UJ	--	0.29 UJ	1.3 J	0.58 U	0.2 UJ	0.2 UJ	0.27 UJ
MRC-MW114A-032917	MRC-MW114A	20170329	4.1 U	3.1 U	4.3 UJ	3 U	4.4 U	--	--	2.1 U	--	4.5 U	2.7 U	26 U	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	5.3 UJ	4.2 U	7.3 U	4.3 U	7.5 U	--	--	5.8 U	--	7.2 U	3.3 U	5.5 U	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	1 U	1 U	1 U	0.7 J	1 U	--	--	1 U	2 U	1 U	1 U	1 U	--	--	1 U	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	97 UJ	53 UJ	100 UJ	57 UJ	--	37 UJ	--	43 UJ	80 UJ	--	57 UJ	270 B	80 UJ	47 UJ	47 UJ	43 UJ
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	10 U	7.8 U	11 U	24 J	11 U	--	--	5.3 U	--	11 U	6.8 U	13 U	--	--	--	--
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	26 U	19 U	27 U	32 J	28 U	--	--	13 U	--	28 U	17 U	33 U	--	--	--	--
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	1.6 U	1.2 U	1.7 U	3.9 J	1.8 U	--	--	0.84 U	--	1.8 U	1.1 U	2.1 U	--	--	--	--
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	4.1 U	3.1 U	4.3 U	3 U	4.4 U	--	--	2.1 U	--	4.5 U	2.7 U	5.3 U	--	--	--	--
MRC-MW125A-112217-AVG	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-AVG	MRC-MW125A	20171122	2.75 U	2.05 U	2.85 U	2 U	2.95 U	--	--	1.4 U	--	3 U	1.8 U	3.55 U	--	--	--	--
MRC-MW125A-112217-D	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-D	MRC-MW125A	20171122	1.4 UJ	1 U	1.4 U	1 U	1.5 U	--	--	0.7 U	--	1.5 U	0.9 U	1.8 U	--	--	--	--
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	4.1 U	3.1 U	4.3 U	3 U	4.4 U	--	--	2.1 U	--	4.5 U	2.7 U	5.3 U	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	111	2	590	13	13	970	21	NC	16	930
		AWQC	NC	29	520	NC	NC	NC	4000	7	NC	NC	1.6
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	1.2	0.19 U	0.22 U
MRC-MW103A-20130327	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	11 UJ	0.3 UJ	0.2 UJ	--	0.53 UJ	--	0.33 UJ	0.22 UJ	0.2 UJ	1.1 UJ	0.32 UJ
MRC-MW103B-03212012	MRC-MW103B	20120321	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	2.3 J	0.19 UR	0.22 U
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	2.6	0.19 U	0.22 U
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-20130327	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	110 UJ	**43 J**	2 UJ	--	5.4 UJ	--	3.4 UJ	**24 J**	1500 J	11 UJ	3.2 UJ
MRC-MW113A-032917	MRC-MW113A	20170329	--	**52**	4.6 U	--	4.8 U	--	5.8 U	**25**	810	--	9 U
MRC-MW-113A-040116	MRC-MW113A	20160401	--	**49**	4.6 U	--	10 U	10	6 U	**23**	740	--	5.8 U
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	**45.7**	0.23 U	--	--	--	0.38 J	**23.5**	1010	--	0.34 J
MRC-MW-113A-042715-AVG	MRC-MW113A	20150427	--	**45.25**	0.23 U	--	--	--	0.37	**22.8**	985.5	--	0.245
MRC-MW-113A-042715-D	MRC-MW113A	20150427	--	**44.8**	0.23 U	--	--	--	0.36 J	**22.1**	961	--	0.3 U
MRC-MW113A-072213	MRC-MW113A	20130722	130 UR	29 J	4.3 U	--	9.3 U	--	6.3 U	**21 J**	1100	6.3 UR	7.3 U
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	11 UJ	2.1 J	0.2 UJ	--	0.53 UJ	--	0.33 UJ	4.5 J	140 J	1.1 UJ	**5.3 J**
MRC-MW114A-032014-AVG	MRC-MW114A	20140320	11 U	2.1	0.2 U	--	0.53 U	--	0.33 U	4.5	140	1.1 U	**5.25**
MRC-MW114A-032014-D	MRC-MW114A	20140320	11 UJ	2.1 J	0.2 UJ	--	0.53 UJ	--	0.33 UJ	4.5 J	140 J	1.1 UJ	**5.2 J**
MRC-MW114A-032917	MRC-MW114A	20170329	--	3 U	2.3 U	--	2.4 U	--	2.9 U	6.1 J	180	--	4.5 U
MRC-MW-114A-040116	MRC-MW114A	20160401	--	5.2 U	3.8 U	--	8.7 U	8.7	5 U	3.7 J	120	--	4.8 U
MRC-MW-114A-041415	MRC-MW114A	20150414	--	3.3	1 U	--	--	--	1 U	4.7	187	--	**3.5**
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	1300 UR	97 UJ	43 UJ	--	93 UJ	--	63 UJ	57 UJ	70 UJ	63 UR	73 UJ
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	7.5 U	5.8 U	--	6 U	--	7.3 U	8.3 U	13 U	--	11 U
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	19 U	14 U	--	15 U	--	18 U	21 U	31 U	--	28 U
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	1.2 U	0.92 U	--	0.96 U	--	1.2 U	1.3 U	2 U	--	1.8 U
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	3 U	2.3 U	--	2.4 U	--	2.9 U	3.3 U	71	--	4.5 U
MRC-MW125A-112217-AVG	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-AVG	MRC-MW125A	20171122	--	1.5 J	1.535 U	--	1.6 U	--	1.935 U	1.3 J	76.5	--	3 U
MRC-MW125A-112217-D	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-D	MRC-MW125A	20171122	--	1.5 J	0.77 U	--	0.8 U	--	0.97 U	1.3 J	82	--	1.5 U
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	--	3 U	2.3 U	--	2.4 U	--	2.9 U	3.3 U	81	--	4.5 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURA	DISSOLVED METALS (UG/L)													
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MOLYBDENUM	NICKEL	SELENIUM	VANADIUM
			MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	340	NC	NC	1.8	16	NC	13	NC	65	NC	NC	470	20	NC
		NRWQC Chronic	NC	NC	150	NC	NC	0.72	11	NC	9	NC	2.5	NC	NC	52	5	NC
		BTAG	3E-06	30	5	4	0.66	0.25	85	23	9	300	2.5	120	73	52	1	20
		AWQC	5E-06	640	0.14	NC	NC	NC	NC	NC	NC	NC	NC	100	NC	4600	4200	NC
MRC-MW126A-112917	MRC-MW126A	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126B-112917	MRC-MW126B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	0.37 B	1 UL	**147**	0.12 B	0.29 B	2.8 B	9.9	0.1 U	--	0.15 B	--	0.45 B	12.2	2.2 B	0.67 B
MRC-MW30-111505	MRC-MW30A	20051115	--	4.11 U	3.45 UL	**122**	0.35 UL	0.4 U	1.2	3.8	1.74 U	--	1.65 U	--	2 U	5.7	3.59 U	1.36 U
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	1	**0.99**	**146**	0.22	0.036 B	1.5	1.8	1.9 K	1.1 U	0.023 B	6.2 B	0.54 B	6.5	**1.5**	19.6
MRC-MW30A-080409	MRC-MW30A	20090804	--	0.23 B	**0.47 K**	**132**	0.64 K	0.1 B	0.61 B	7.5	1.3 B	11 U	0.087 B	65.1	0.2 U	18.4	**1.6 K**	5.7
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	0.34 B	1 UL	**128**	**5.3**	0.06 B	2.2 B	**68.4**	**20**	--	0.5 B	--	0.3 B	**135**	1.2 U	0.39 B
MRC-MW31-111505	MRC-MW31A	20051115	--	4.11 U	3.45 UL	**123**	**6.2 L**	0.4 U	1.01 U	**62.1**	**25.5**	--	1.65 U	--	2 U	**123**	3.59 U	1.36 U
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	0.035 U	**0.68**	**112**	**8.3**	0.038 B	0.92	**59.1**	**36.9**	**534**	0.76 B	30.8	0.12 U	**123**	0.55 B	2
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	0.5 B	1 UL	**37.9**	**0.72**	0.05 UL	1.9 B	4.9	0.49 B	--	0.28 B	--	0.23 B	8	1.2 U	0.78 B
MRC-MW32-111405	MRC-MW32A	20051114	--	4.11 U	3.45 UL	**32.1**	1.8 B	0.4 U	1.01 U	4.2	5.6 B	--	1.65 U	--	2 U	7.4	3.59 U	1.36 U
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	FILTERED (0.10) METALS (UG/L)															
			ZINC	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	COBALT	COPPER	LEAD	NICKEL	VANADIUM	ZINC	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	120	340	NC	NC	2	NC	13	65	470	NC	120	340	NC	NC	2	16
		NRWQC Chronic	120	150	NC	NC	0.25	NC	9	2.5	52	NC	120	150	NC	NC	0.25	11
		BTAG	120	5	4	0.66	0.25	23	9	2.5	52	20	120	5	4	0.66	0.25	85
		AWQC	26000	0.14	NC	NC	NC	NC	NC	NC	4600	NC	26000	0.14	NC	NC	NC	NC
MRC-MW126A-112917	MRC-MW126A	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126B-112917	MRC-MW126B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	11.3 L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	10.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	31.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	--	--	--	0.51 B	**155**	**13.9**	**0.96**	0.26 B
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	**135**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	**125**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	**127**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	--	--	--	0.48 B	**123**	**9.2**	0.077 B	0.12 B
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	11.5 L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	18.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	FILTERED (0.45) METALS (UG/L)															
			COBALT	COPPER	LEAD	MOLYBDENUM	NICKEL	SELENIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	13	65	NC	470	20	NC	120	750	NC	340	NC	NC	2	NC	16
		NRWQC Chronic	NC	9	2.5	NC	52	5	NC	120	87	NC	150	NC	NC	0.25	NC	11
		BTAG	23	9	2.5	73	52	1	20	120	87	30	5	4	0.66	0.25	116000	85
		AWQC	NC	NC	NC	NC	4600	4200	NC	26000	NC	640	0.14	NC	NC	NC	NC	NC
MRC-MW126A-112917	MRC-MW126A	20171129	--	--	--	--	--	--	--	--	**120 J**	3.8 J	3.3 U	**12 J**	0.21 U	0.29 U	31000	0.55 U
MRC-MW126B-112917	MRC-MW126B	20171129	--	--	--	--	--	--	--	--	**770**	3.1 U	3.3 U	**31 J**	0.21 U	0.29 U	6900	2.2 U
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	**180 J**	3.1 U	3.3 U	**120 J**	**2 J**	**0.34 J**	8400	0.55 U
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	**90 J**	3.1 U	3.3 U	**170 J**	**5**	0.29 U	5900	0.55 U
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	**230**	3.1 U	3.3 U	**220**	**13**	0.29 U	8200	0.55 U
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	64 J	3.1 U	3.3 U	**90 J**	0.21 U	0.29 U	15000	1.1 J
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	**110 J**	3.1 U	3.3 U	**94 J**	0.21 U	0.29 U	43000	0.92 J
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	**150 J**	3.1 U	3.3 U	**39 J**	**1.8 J**	0.29 U	3300 J	0.55 U
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	64 J	3.1 U	**4.5 J**	**110 J**	**1.8 J**	0.29 U	28000	0.93 J
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	40 U	3.1 U	**6.4 J**	**59 J**	0.55 J	0.29 U	21000	0.55 U
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	--	--	--	--	--	--	--	0.56 B	1 UL	**148**	0.08 B	0.05 UL	--	3.5 B
MRC-MW30-111505	MRC-MW30A	20051115	--	--	--	--	--	--	--	--	--	4.11 U	3.45 UL	**130**	0.35 UL	0.4 U	--	1.3
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	0.98 J	**1.4 J**	**120**	**1.2**	0.13 U	--	0.94 J
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	0.8 J	3 U	**59**	1 U	1.1 U	--	2 J
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	1.7 J	**0.73 J**	**138**	0.2 U	0.13 U	--	2.2
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	1.1	0.211 U	**98.3**	0.225 J	0.008 U	--	2.3 U
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	0.46 B	0.41 B	**92.2**	0.11 B	0.046 B	--	0.77 J
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	--	--	--	--	--	--	--	1.1	**0.97**	**147**	0.27	0.032 B	--	1.6
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	--	--	--	--	--	--	--	0.23 B	**0.35 K**	**129**	0.56 K	0.15 B	--	0.26 B
MRC-MW30A-102607	MRC-MW30A	20071026	**113**	**21.6**	0.2	6.2 B	**148**	1.6 U	2.9	**454**	--	0.23 B	0.42 B	**150**	**13.5**	**0.98**	--	0.3 B
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	2.3	0.9 U	**46**	0.22 J	0.13 J	--	2.5
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	--	--	--	--	--	--	--	0.4 B	1 UL	**129**	**5**	0.05 UL	--	2.2 B
MRC-MW31-111505	MRC-MW31A	20051115	--	--	--	--	--	--	--	--	--	4.11 U	3.45 UL	**123**	**6.1 L**	0.4 U	--	1.01 U
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	0.13 U	**0.55 J**	**84**	**6.3**	0.13 U	--	0.71 U
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	2.2 U	3 U	**95**	**5.4**	1.1 U	--	0.87 J
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	**72.1**	**4.5**	0.13 U	--	0.72 J
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	0.157 U	0.211 U	**90.5**	**4.9 J**	0.008 U	--	2.2 U
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	0.035 B	0.16 U	**89.6**	**5.7**	0.039 B	--	0.69 B
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	--	--	--	--	--	--	--	0.035 U	**0.6**	**109**	**8.6**	0.056 B	--	1.1
MRC-MW31A-102607	MRC-MW31A	20071026	**69.6**	**41.8**	0.94	5 B	**134**	**2.1**	0.25 U	**150**	--	0.069 B	0.34 B	**115**	**8.7**	0.099 B	--	0.14 B
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	0.3 U	0.9 U	**93**	**5.1**	0.1 U	--	0.9 U
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	--	--	--	--	--	--	--	0.44 B	1 UL	**51.4**	**0.97**	0.05 UL	--	5.1 B
MRC-MW32-111405	MRC-MW32A	20051114	--	--	--	--	--	--	--	--	--	4.11 U	3.45 UL	**42.2**	2 B	0.4 U	--	1.5 B
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	0.13 B	**0.69 J**	**68**	**2.1**	0.13 U	--	1 J
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	**28.6**	**1.1**	0.13 U	--	0.91 J
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	0.027 U	0.16 U	**21.9**	1 B	0.025 U	--	1.3 J

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)															
			COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE	SILVER	SODIUM	THALLIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	13	NC	65	NC	NC	NC	NC	470	NC	20	NC	NC	3.2	NC	NC
		NRWQC Chronic	NC	9	NC	2.5	NC	NC	NC	NC	52	NC	5	NC	NC	NC	NC	NC
		BTAG	23	9	300	2.5	82000	120	0.026	73	52	53000	1	NC	NC	3.2	680000	0.8
		AWQC	NC	NC	NC	NC	NC	100	NC	NC	4600	NC	4200	NC	NC	NC	NC	0.47
MRC-MW126A-112917	MRC-MW126A	20171129	3.6 J	3.9 U	**1900**	1.9 U	4900 J	97	0.13 U	--	1.6 U	2700 U	5.1 U	--	--	0.92 U	6500	2.1 U
MRC-MW126B-112917	MRC-MW126B	20171129	19	4.3 J	**8400**	1.9 U	1900 J	**490**	0.13 U	--	19 J	2300 U	5.1 U	--	--	0.92 U	3800 J	2.1 U
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127A-111717	MRC-MW127A	20171117	23	4.1 J	130	1.9 U	4900 J	**380**	0.13 U	--	21 J	7700	5.1 U	--	--	0.92 U	14000	2.1 U
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	**71**	3.9 U	**5100**	1.9 U	8600	**720**	0.13 U	--	**79**	10000	5.1 U	--	--	0.92 U	53000	2.1 U
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	**41**	3.9 U	**1600**	1.9 U	10000	**290**	0.13 U	--	**96**	10000	5.1 U	--	--	0.92 U	64000	2.1 U
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	6.9 J	3.9 U	**9400**	1.9 U	5300	**1000**	0.13 U	--	2 J	26000	5.1 U	--	--	0.92 U	64000	2.1 U
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	3 J	3.9 U	**870**	1.9 U	5300	**270**	0.13 U	--	2.7 J	6700	5.1 U	--	--	0.92 U	64000	**2.6 J**
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	6.6 J	3.9 U	**470**	3 U	1600 J	**180**	0.13 U	--	15 J	1600 J	5.1 U	--	--	0.92 U	7700	2.1 U
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	21	3.9 U	240	2.2 U	7000	**410**	0.13 U	--	25 J	8000	5.1 U	--	--	0.92 U	48000	**2.5 J**
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	8.2	3.9 U	290	1.9 U	7300	**440**	0.13 U	--	8.5 J	4100 J	5.1 U	--	--	0.92 U	13000	**3.5 J**
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	9	0.1 U	--	0.29 B	--	--	0.04 B	1.6 B	13.6	--	3.2 B	--	--	0.07 B	--	0.42 B
MRC-MW30-111505	MRC-MW30A	20051115	3.6	1.74 U	--	1.9 B	--	--	0.02 U	2 U	5.6	--	3.59 U	--	--	1.04 UL	--	6.13 UL
MRC-MW30A-03192012	MRC-MW30A	20120319	14	1.5 J	--	0.27 J	--	--	0.12 U	0.43 B	16	--	**1.8 J**	--	--	0.08 U	--	0.14 U
MRC-MW-30A-041515	MRC-MW30A	20150415	6.6	2.6 J	90	2.2 U	--	46	0.5 U	0.94 U	6.2	--	5.6 U	--	--	2.2 U	--	1 U
MRC-MW30A-042711	MRC-MW30A	20110427	1.6	2.5 B	--	0.18 U	--	--	0.12 U	1.1 B	4.6	--	1.2 U	--	--	0.08 U	--	0.22 B
MRC-MW30A-050814	MRC-MW30A	20140508	2.2	4.5	132 U	0.147 J	--	18	0.024 U	0.364 J	7.3	--	**1.9 J**	3420	--	0.015 U	--	0.031 U
MRC-MW30A-052810	MRC-MW30A	20100528	2.9	0.87 B	142 B	0.11 B	--	32	0.1 U	0.41 J	4.7	--	**1.5 J**	--	--	0.015 U	--	0.13 U
MRC-MW30A-072908	MRC-MW30A	20080729	1.9	1.8 K	1.1 U	0.053 B	--	9.1 B	0.1 U	0.48 B	6.4	--	**1.6**	--	--	0.003 U	--	0.11 U
MRC-MW30A-080409	MRC-MW30A	20090804	6.6	0.99 B	11 U	0.088 B	--	68.4	0.1 U	0.2 U	15.1	--	**1.5 K**	--	--	0.033 U	--	0.12 U
MRC-MW30A-102607	MRC-MW30A	20071026	**108**	**22.2**	--	0.025	--	--	0.1 U	0.71 B	**145**	--	1.6 U	--	--	0.021 U	--	0.1 B
MRC-MW30A-20130315	MRC-MW30A	20130315	18	3.7 B	--	0.44 J	--	--	0.1 U	1.4 J	8.8	--	**2 J**	--	--	0.14 J	--	0.2 U
MRC-MW-31-060905	MRC-MW31A	20050609	**68**	**19.5**	--	0.27 B	--	--	0.04 B	0.94 B	**135**	--	1.2 U	--	--	0.06 B	--	0.25 UL
MRC-MW31-111505	MRC-MW31A	20051115	**61.6**	**24.8**	--	1.65 U	--	--	0.02 B	2 U	**122**	--	3.59 U	--	--	1.04 UL	--	6.13 UL
MRC-MW31A-03162012	MRC-MW31A	20120316	**41**	**22**	--	0.41 B	--	--	0.12 U	0.096 B	**85**	--	0.57 UL	--	--	0.08 U	--	0.14 B
MRC-MW-31A-041515	MRC-MW31A	20150415	**49**	**23**	67 U	2.2 U	--	20	0.5 U	2.2 U	**88**	--	5.6 U	--	--	2.2 U	--	1 U
MRC-MW31A-042111	MRC-MW31A	20110421	**35.2**	**18.1**	--	0.23 J	--	--	0.12 U	0.093 U	**70.7**	--	1.2 U	--	--	0.08 U	--	0.14 U
MRC-MW31A-050814	MRC-MW31A	20140508	**43.2 J**	**21.9 J**	69.1 U	0.289 J	--	14.8	0.024 U	0.068 U	**83.3 J**	--	0.236 J	12100	--	0.015 U	--	0.031 U
MRC-MW31A-060110	MRC-MW31A	20100601	**45.4**	**25.2**	**325**	0.47 J	--	24.1	0.1 U	0.27 U	**88.9**	--	0.13 U	--	--	0.015 U	--	0.13 U
MRC-MW31A-072908	MRC-MW31A	20080729	**59.2**	**36.8**	**642**	0.79 B	--	31.2	0.1 U	0.12 U	**122**	--	0.48 B	--	--	0.009 B	--	0.11 U
MRC-MW31A-102607	MRC-MW31A	20071026	**66.5**	**39.8**	--	0.59	--	--	0.1 U	0.66 U	**127**	--	1.6 U	--	--	0.021 UL	--	0.023 U
MRC-MW31A-20130315	MRC-MW31A	20130315	**45**	**22**	--	0.36 J	--	--	0.1 U	0.2 U	**83**	--	0.5 U	--	--	0.1 U	--	0.2 U
MRC-MW-32-060905	MRC-MW32A	20050609	5.4	1.9	--	1.4 B	--	--	0.04 B	0.82 B	9.7	--	1.5 B	--	--	0.06 B	--	0.25 UL
MRC-MW32-111405	MRC-MW32A	20051114	5	7.6 B	--	1.65 U	--	--	0.11 B	2 U	9	--	3.59 U	--	--	1.2 B	--	6.13 U
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	12	7.5	--	0.41 B	--	--	0.12 U	0.18 B	17	--	0.57 UL	--	--	0.08 U	--	0.24 B
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	5.5	7.5	--	0.25 J	--	--	0.12 U	0.093 U	7.5	--	1.2 U	--	--	0.08 U	--	0.14 U
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	3.2	3.7 B	**916**	0.42 B	--	3.6 B	0.1 U	0.27 U	5	--	0.13 U	--	--	0.015 U	--	0.13 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE				MICROBIOLOGICAL (CELLS/ML)														
			URANIUM-238	VANADIUM	ZINC	DEHALOBACTER	DEHALOCOCCOIDES	TCE R-DASE	ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON
			UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		NRWQC Acute	NC	NC	120	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.022	NC
		NRWQC Chronic	NC	NC	120	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.0052	NC
		BTAG	2.6	20	120	NC	NC	NC	NC	0.019	0.019	NC	NC	NC	NC	230	0.005	NC
		AWQC	NC	NC	26000	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MRC-MW126A-112917	MRC-MW126A	20171129	--	4.4 U	16 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126B-112917	MRC-MW126B	20171129	--	4.4 U	26 J	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127A-111717	MRC-MW127A	20171117	--	4.4 U	26 J	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	4.4 U	84	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	4.4 U	**140**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	4.4 UJ	16 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	4.4 U	16 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	4.4 U	16 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	4.4 U	37 J	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	4.4 U	16 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	0.68 B	11.6 L	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	--	1.36 U	10.7	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	15 J	26	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	6.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	13 J	4.3 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	10.2 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	9.6 J	21.1 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	20	29.7	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	--	5.7	45	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	2.8	**436**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	13 J	13 J	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	0.86 B	**128**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	--	1.36 U	**123**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	0.44 UL	84 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	2.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	0.88 J	74.8 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	0.479 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	0.57 J	93.3	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	2.2	**128**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	0.38 B	**135**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	0.8 U	74	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	5.8	15 L	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	--	4.6 K	18.2	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	1.6 J	27 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	0.44 UL	19.7 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	2.1 J	17.4 B	--	--	--	--	--	--	--	--	--	--	--	--	--

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SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)															
			HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE-N	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL SUSPENDED SOLIDS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		NRWQC Acute	0.016	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	0.011	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	0.011	NC	NC	0.02	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		AWQC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MRC-MW126A-112917	MRC-MW126A	20171129	0.002 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126B-112917	MRC-MW126B	20171129	0.002 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127A-111717	MRC-MW127A	20171117	0.002 UJ	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127B-111717	MRC-MW127B	20171117	0.002 UJ	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128A-111617	MRC-MW128A	20171116	0.002 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	0.002 UJ	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129A-111617	MRC-MW129A	20171116	0.002 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	0.002 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	0.002 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	0.002 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	0.002 J	--	--	--	--	4E-04 U	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	1E-05 U	--	--	--	--	4E-04 U	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	**0.017 J**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	1E-05 U	--	--	--	--	4E-04 U	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOU	MISCELLANEOUS PARAMETERS		PCB HOMOLOGS (UG/L)							PCB HOMOLOGS, FILTERED		PCBS (UG/L)			
			PH	BROMIDE	PERCHLORATE	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	AROCLOR-1254	AROCLOR-1260	DICHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
			S.U.	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	NC	NC	0.014	0.014
		BTAG	NC	NC	NC	7E-05	NC	NC	7E-05	7E-05	NC	NC	7E-05	7E-05	7E-05	7E-05	7E-05	7E-05
		AWQC	NC	NC	NC	6E-05	NC	NC	6E-05	6E-05	NC	NC	6E-05	6E-05	6E-05	6E-05	6E-05	6E-05
MRC-MW126A-112917	MRC-MW126A	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	0.006 U
MRC-MW126B-112917	MRC-MW126B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	0.005 U
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.006 J**	0.006 U
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	0.006 U
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	0.005 U
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	0.006 U
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	0.006 U
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	0.005 U
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	0.005 U
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.006 U	0.006 U
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

						PETROLEUM	PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)				SEMIVOLATILE			
SAMPLE ID	LOCATION ID	SAMPLE DATE	PENTACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND	OIL & GREASE - HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-230	URANIUM-233/234	URANIUM-235	URANIUM-238	1,4-DIOXANE	1,4-DIOXANE	2,4,5-TRICHLOROPHENOL	2,4-DICHLOROPHENOL
			UG/L	UG/L	UG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	0.014	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	7E-05	7E-05	7E-05	NC	NC	NC	NC	NC	NC	2.6	2.6	2.6	NC	22000	NC	11
		AWQC	6E-05	6E-05	6E-05	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	600	60
MRC-MW126A-112917	MRC-MW126A	20171129	0.014 U	--	--	--	--	--	--	--	--	--	--	--	0.18 J	0.47 U	0.29 U	0.18 U
MRC-MW126B-112917	MRC-MW126B	20171129	0.013 U	--	--	--	--	--	--	--	--	--	--	--	0.074 U	0.48 U	0.29 U	0.18 U
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127A-111717	MRC-MW127A	20171117	**0.016 J**	--	--	--	--	--	--	--	--	--	--	--	0.074 U	0.47 U	0.29 U	0.18 U
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	0.014 U	--	--	--	--	--	--	--	--	--	--	--	0.14 J	0.48 U	0.29 U	0.19 U
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	0.013 U	--	--	--	--	--	--	--	--	--	--	--	--	0.47 U	0.29 U	0.18 U
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	0.13 J	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	0.014 U	--	--	--	--	--	--	--	--	--	--	--	0.16 J	0.48 U	1.1 J	0.28 J
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	0.014 U	--	--	--	--	--	--	--	--	--	--	--	--	0.47 U	0.29 U	0.18 U
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	0.66	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	0.014 U	--	--	--	--	--	--	--	--	--	--	--	--	0.49 U	0.3 U	0.19 U
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	0.23	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	0.014 U	--	--	--	--	--	--	--	--	--	--	--	--	0.47 U	0.29 U	0.18 U
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	0.28	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	0.014 U	--	--	--	--	--	--	--	--	--	--	--	--	0.48 U	0.29 U	0.19 U
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	0.29	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	--	--	--	10 UJ	--	--	--	--	--	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	--	--	--	--	--	27	--	--	--	--	--	--	--	2 UL	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	--	--	--	6.4 J	--	--	--	--	--	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	--	--	--	--	--	20	--	--	--	--	--	--	--	2 UL	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	--	--	--	10 UJ	--	--	--	--	--	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	--	--	--	--	--	52	--	--	--	--	--	--	--	2 UL	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)															
			2-CHLOROPHENOL	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	24	4.7	5.8	NC	0.012	NC	NC	0.018	0.015	NC	NC	NC	16	19	NC	NC
		AWQC	800	NC	90	NC	400	NC	NC	0.0013	0.0001	0.0013	NC	0.013	0.37	0.1	NC	NC
MRC-MW126A-112917	MRC-MW126A	20171129	0.28 U	0.086 U	0.042 U	0.046 U	0.084 U	--	--	0.028 U	0.049 U	0.038 U	0.044 U	0.043 U	1.6 U	0.25 U	0.19 U	0.27 U
MRC-MW126B-112917	MRC-MW126B	20171129	0.28 U	0.19	0.043 U	0.047 U	0.085 U	--	--	0.029 U	0.05 U	0.038 U	0.045 U	0.043 U	1.7 U	0.25 U	0.19 U	0.27 U
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127A-111717	MRC-MW127A	20171117	0.28 U	0.087 U	0.043 U	0.046 U	0.085 U	--	--	0.028 U	0.049 U	0.038 U	0.045 U	0.043 U	1.6 U	0.25 U	0.6 U	0.27 U
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	0.28 U	0.25	0.043 U	0.047 U	0.086 U	--	--	0.029 U	0.05 U	0.039 U	0.045 U	0.044 U	1.7 U	0.25 U	0.57 U	0.27 U
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	0.28 U	0.087 U	0.043 U	0.046 U	0.085 U	--	--	0.028 U	0.049 U	0.038 U	0.045 U	0.043 U	1.6 U	0.25 U	1.4 J	0.27 U
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	0.28 U	0.22	0.043 U	0.047 U	0.085 U	--	--	0.029 U	0.05 U	0.038 U	0.045 U	0.043 U	1.7 U	0.25 U	0.19 U	0.27 U
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	0.28 U	0.16 J	0.042 U	0.046 U	0.084 U	--	--	0.028 U	0.049 U	0.038 U	0.044 U	0.043 U	1.6 U	0.25 U	0.19 U	0.27 U
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	0.29 U	0.14 J	0.044 U	0.048 U	0.087 U	--	--	0.029 U	0.051 U	0.039 U	0.046 U	0.044 U	1.7 U	0.26 U	0.2 U	0.28 U
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	0.28 U	0.12 J	0.043 U	0.046 U	0.085 U	--	--	0.028 U	0.049 U	0.038 U	0.045 U	0.043 U	1.6 U	0.25 U	0.73 J	0.27 U
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	0.28 U	0.79	0.043 U	0.047 U	0.086 U	--	--	0.029 U	0.05 U	0.039 U	0.045 U	0.044 U	1.7 U	0.25 U	0.2 U	0.27 U
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE											TENTATIVELY IDENTIFIED COMPOUNI				
			CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	NC	3.7	210	0.04	3	NC	1.1	0.4	4	0.025	NC	NC	NC	NC	NC
		AWQC	0.13	0.0001	NC	600	20	70	0.0013	NC	NC	300000	30	NC	NC	NC	400	NC
MRC-MW126A-112917	MRC-MW126A	20171129	0.048 U	0.042 U	0.019 U	0.65 U	0.042 U	0.039 U	0.041 U	0.06 U	0.059 U	0.57 U	0.04 U	--	--	--	--	--
MRC-MW126B-112917	MRC-MW126B	20171129	0.049 U	0.043 U	0.019 U	0.58 U	0.043 U	0.039 U	0.042 U	0.061 U	0.06 U	0.58 U	0.041 U	--	--	--	--	--
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127A-111717	MRC-MW127A	20171117	0.048 U	0.043 U	0.019 U	0.58 U	0.043 U	0.039 U	0.042 U	0.06 U	0.06 U	0.58 U	0.04 U	--	--	--	--	--
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	0.049 U	0.044 U	0.02 U	0.59 U	0.044 U	0.04 U	0.042 U	0.061 U	0.061 U	0.59 U	0.041 U	--	--	--	--	--
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	0.048 U	0.043 U	0.019 U	0.58 U	0.043 U	0.039 U	0.042 U	0.06 U	0.06 U	0.58 U	0.04 U	--	--	--	--	--
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	0.049 U	0.043 U	0.019 U	0.58 U	0.043 U	0.039 U	0.042 U	0.061 U	0.06 U	0.58 U	0.041 U	--	--	--	--	--
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	0.048 U	0.042 U	0.019 U	0.57 U	0.042 U	0.039 U	0.041 U	0.06 U	0.059 U	0.57 U	0.04 U	--	--	--	--	--
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	0.05 U	0.044 U	0.02 U	0.59 U	0.044 U	0.04 U	0.043 U	0.062 U	0.061 U	0.59 U	0.042 U	--	--	--	--	--
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	0.048 U	0.043 U	0.019 U	0.58 U	0.043 U	0.039 U	0.042 U	0.06 U	0.06 U	0.58 U	0.04 U	--	--	--	--	--
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	0.049 U	0.044 U	0.02 U	0.59 U	0.044 U	0.04 U	0.042 U	0.061 U	0.061 U	0.59 U	0.041 U	--	--	--	--	--
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	OS-VOLATILES (UG/L)				VOLATILE GASES (UG/L)												
			DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	ETHANE	ETHENE	METHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	NC	NC	NC	NC	NC	NC	1200	NC	47	25	8	NC	24	33	0.7
		AWQC	NC	NC	NC	NC	NC	NC	NC	8.9	NC	NC	20000	NC	NC	0.076	NC	3000
MRC-MW126A-112917	MRC-MW126A	20171129	--	--	--	--	--	--	--	0.34 U	0.41 U	0.25 U	0.27 U	--	--	**6.7**	--	**0.78 J**
MRC-MW126B-112917	MRC-MW126B	20171129	--	--	--	--	--	--	--	0.34 U	0.41 U	0.25 U	0.27 U	--	--	0.27 U	--	0.26 U
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	4.3 U	5.1 U	3.1 U	4.8 U	--	--	**300**	--	**10 J**
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	0.34 U	0.41 U	0.42 J	0.81 U	--	--	**26**	--	0.38 J
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	1.7 U	2.1 U	1.3 U	1.4 U	--	--	**180**	--	**1.8 J**
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	0.34 U	0.41 U	0.25 U	0.27 U	--	--	**36**	--	**1.2**
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	0.57 U	0.68 U	0.42 U	0.45 U	--	--	**64**	--	**0.95 J**
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	0.34 U	0.41 U	0.25 U	0.27 U	--	--	**21**	--	**1.1**
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	0.85 U	1 U	0.63 U	0.68 U	--	--	**150**	--	**2.4 J**
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	0.34 U	0.41 U	0.25 U	0.27 U	--	--	**41**	--	**2**
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	--	--	--	--	--	--	1 U	1 U	1 U	2 B	1 U	1 U	1 U	1 U
MRC-MW30-111505	MRC-MW30A	20051115	--	--	--	--	--	--	--	--	1 U	1 U	0.4 J	1 U	1 U	0.6 B	1 U	1 U
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	0.28 U	0.25 J	0.48 J	0.17 U	0.006 U	**0.47 J**	0.12 U	0.13 U
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	--	--	--	--	--	--	1 U	1 U	0.31 J	1 U	5 U	**0.3 J**	1 U	1 U
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	--	--	--	--	--	--	0.28 U	0.263 J	0.473 J	0.222 J	0.006 U	**0.545 J**	0.12 U	0.13 U
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	1.7 U	1.7 U	0.38 J	1.5 B	8.4 U	**6.3**	1.7 U	0.43 J
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	--	--	--	--	--	--	1 U	1 U	1 U	2 B	1 U	1 U	1 U	1 U
MRC-MW31-111505	MRC-MW31A	20051115	--	--	--	--	--	--	--	--	1 U	0.4 J	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	--	--	--	--	--	--	1 U	1 U	1 U	2 B	1 U	**7**	1 U	1 U
MRC-MW32-111405	MRC-MW32A	20051114	--	--	--	--	--	--	--	--	1 U	1 U	1 U	0.4 B	1 U	1 B	1 U	1 U
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	0.34 U	0.41 U	0.25 U	0.27 U	--	--	0.27 U	--	0.26 U
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	0.24 U	0.45 U	0.3 U	0.45 U	--	--	0.32 U	--	0.25 U
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	0.31 U	0.2 U	0.57 U	0.82 U	--	0.23 U	0.2 U	0.21 U
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	0.31 UJ	0.2 U	0.57 U	0.82 U	--	0.23 U	0.2 U	0.21 U
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.19 B	0.006 U	0.54 B	0.12 U	0.13 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	2-HEXANONE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMODICHLOROMETHANE	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	100	NC	71	150	26	14000	99	85	170	1500	370	NC	NC	0.92	13.3	1.3
		AWQC	650	31	NC	10	900	NC	NC	NC	NC	NC	16	27	10000	NC	5	800
MRC-MW126A-112917	MRC-MW126A	20171129	17	0.3 U	--	6.1	6.2	1 U	1.2 U	--	0.71 U	1.8 U	0.28 U	0.3 U	0.42 U	0.34 U	0.35 U	**37**
MRC-MW126B-112917	MRC-MW126B	20171129	0.3 U	0.3 U	--	0.32 U	0.23 U	1 U	1.2 U	--	0.71 U	10	0.28 U	0.3 U	0.42 U	0.34 U	0.35 U	0.32 U
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127A-111717	MRC-MW127A	20171117	3.8 U	3.8 U	--	5.5 J	15	13 UJ	15 UJ	--	8.9 U	23 J	3.5 U	3.8 U	5.3 U	4.3 U	4.4 U	**8.1 J**
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	0.3 U	0.3 U	--	0.32 U	0.49 J	1 UJ	1.2 UJ	--	0.71 U	8.1 J	0.28 U	0.3 U	0.42 U	0.34 U	0.35 U	0.32 U
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	1.5 U	1.5 U	--	1.6 U	2.4 J	5.1 U	6.2 UJ	--	3.6 UJ	13 U	1.4 U	1.5 U	2.1 U	1.7 U	1.8 U	1.6 U
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	0.3 U	0.3 U	--	0.32 U	1.3	4.1 U	1.2 U	--	0.71 U	110 U	0.28 U	0.3 U	0.42 U	**8.7**	0.35 U	0.32 U
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	0.5 U	0.5 U	--	**16**	2.4	1.7 U	2.1 UJ	--	1.2 UJ	14 U	0.47 U	0.5 U	0.7 U	0.57 U	0.58 U	0.53 U
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	0.3 U	0.3 U	--	0.32 U	1.6	1 U	1.2 UJ	--	0.71 UJ	17 U	0.28 U	0.3 U	0.42 U	0.34 U	0.35 U	0.32 U
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	0.75 U	0.75 U	--	**18**	4.3	2.6 U	3.1 UJ	--	1.8 UJ	10 U	0.7 U	0.75 U	1.1 U	0.85 U	0.88 U	0.8 U
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	0.34 J	0.3 U	--	4.8	2.6	1.7 U	1.2 UJ	--	0.71 UJ	33 U	0.28 U	0.3 U	0.42 U	0.34 U	0.35 U	0.45 J
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	5 U	1 U	--	1 U	1 U	5 UR	5 U	1 U	5 U	5 UR	1 U	1 U	2 U	1 U	1 U	1 U
MRC-MW30-111505	MRC-MW30A	20051115	1 U	1 U	--	0.8 J	2	5 U	5 U	1 U	5 U	5 UR	1 U	1 U	2 U	1 U	1 U	0.9 J
MRC-MW30A-03192012	MRC-MW30A	20120319	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	5.7 B	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW30A-072908	MRC-MW30A	20080729	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	3 B	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW30A-080409	MRC-MW30A	20090804	0.22 U	0.18 U	--	0.14 U	0.26 J	0.57 U	0.41 U	0.12 U	0.32 U	1.349 B	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW30A-102607	MRC-MW30A	20071026	1.7 U	1.7 U	--	1.3 J	3.4	8.4 U	8.4 U	1.7 U	8.4 U	2.7 B	1.7 U	1.7 U	1.7 U	1.7 U	0.94 J	**1.4 J**
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	5 U	1 U	--	1 U	1 U	5 UR	5 U	1 U	5 U	5 UR	1 U	1 U	2 U	1 U	1 U	1 U
MRC-MW31-111505	MRC-MW31A	20051115	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	5 UR	1 U	1 U	2 U	1 U	1 U	1 U
MRC-MW31A-03162012	MRC-MW31A	20120316	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	7.9 B	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW31A-072908	MRC-MW31A	20080729	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	2.1 B	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW31A-102607	MRC-MW31A	20071026	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	5 U	1 U	--	1 U	1 U	5 UR	5 U	1 U	5 U	5 UR	1 U	1 U	2 U	1 U	1 U	1 U
MRC-MW32-111405	MRC-MW32A	20051114	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	5 UR	1 U	1 U	2 U	1 U	1 U	1 U
MRC-MW32A-031017	MRC-MW32A	20170310	0.3 U	0.3 U	--	0.32 U	0.23 U	1 UJ	1.2 U	--	0.71 U	1.8 U	0.28 U	0.3 U	0.42 UJ	0.34 U	0.35 U	0.32 U
MRC-MW32A-03162012	MRC-MW32A	20120316	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW-32A-032816	MRC-MW32A	20160328	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 U	0.48 U	--	0.99 U	0.94 U	0.35 U	0.29 U	0.44 U	0.38 U	0.43 U	0.25 U
MRC-MW-32A-041315	MRC-MW32A	20150413	0.36 U	0.2 U	--	0.2 U	0.2 U	0.81 U	1.7 U	0.2 U	0.67 U	1.3 U	0.2 U	0.32 U	0.29 UJ	0.22 U	0.45 U	0.29 U
MRC-MW32A-042011	MRC-MW32A	20110420	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW32A-050814	MRC-MW32A	20140508	0.36 U	0.2 U	--	0.2 U	0.2 U	0.81 U	1.7 U	0.2 UJ	0.67 U	1.3 U	0.2 U	0.32 U	0.29 U	0.22 U	0.45 U	0.29 U
MRC-MW32A-060210	MRC-MW32A	20100602	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	6.6 B	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)															
			CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CYCLOHEXANE	ETHYL TERT-BUTYL ETHER	FLUORODICHLOROMETHANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	1.8	NC	NC	NC	NC	NC	2.6	NC	NC	11070	98.1	1.1	128	NC	NC
		AWQC	NC	2000	NC	NC	NC	NC	NC	NC	NC	NC	NC	1000	NC	NC	NC	NC
MRC-MW126A-112917	MRC-MW126A	20171129	0.41 U	0.31 U	0.43 U	0.3 U	0.44 U	--	--	0.21 U	--	0.45 U	0.27 U	0.53 U	--	--	--	--
MRC-MW126B-112917	MRC-MW126B	20171129	0.41 U	0.31 U	0.43 U	0.3 U	0.44 U	--	--	0.21 U	--	0.45 U	0.27 U	0.53 U	--	--	--	--
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127A-111717	MRC-MW127A	20171117	5.1 U	3.9 U	5.4 U	3.8 U	5.5 U	--	--	2.6 U	--	5.6 U	3.4 U	6.6 U	--	--	--	--
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	0.41 U	0.31 U	0.43 U	16	0.44 U	--	--	0.21 U	--	0.45 U	6.5	0.53 U	--	--	--	--
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	2.1 U	1.6 U	2.2 U	8.4	2.2 U	--	--	1.1 U	--	2.3 U	8.4	2.7 U	--	--	--	--
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	0.41 U	0.31 U	0.43 U	4.7	0.44 U	--	--	0.21 U	--	0.45 U	4.8	0.53 U	--	--	--	--
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	0.68 U	0.52 U	0.72 U	3.5	0.73 U	--	--	0.35 U	--	0.75 U	2.1	0.89 U	--	--	--	--
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	0.41 U	**1.9**	0.43 U	3.8	0.44 U	--	--	0.21 U	--	0.45 U	0.77 J	0.53 U	--	--	--	--
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	1 U	0.78 U	1.1 U	3.9	1.1 U	--	--	0.53 U	--	1.1 U	3.8	1.3 U	--	--	--	--
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	0.41 U	0.36 J	0.43 U	1.8	0.44 U	--	--	0.21 U	--	0.45 U	4.1	0.53 U	--	--	--	--
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	2 U	1 U	2 U	3	--	1 U	--	1 U	2 U	--	2 U	2 U	0.5 B	1 U	1 U	1 U
MRC-MW30-111505	MRC-MW30A	20051115	2 U	1 U	2 U	25	--	1 U	--	1 U	2 U	--	2 U	2 U	1 U	1 U	1 U	1 U
MRC-MW30A-03192012	MRC-MW30A	20120319	0.29 U	0.16 U	0.3 U	7.4	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	0.29 U	0.16 U	0.3 U	7.2	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	0.29 UJ	0.19 J	0.3 U	18	--	0.11 UJ	--	0.13 U	0.24 U	--	0.21 J	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW30A-072908	MRC-MW30A	20080729	1 U	1 U	1 U	13	--	--	--	1 U	2 U	--	5 U	1 U	1 U	1 U	1 U	1 U
MRC-MW30A-080409	MRC-MW30A	20090804	0.29 U	0.266 J	0.3 U	20.76	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW30A-102607	MRC-MW30A	20071026	1.7 U	**2.3**	0.52 J	25	--	8.4 U	--	1.7 U	3.3 U	--	8.4 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	2 U	1	2 U	3	--	1 U	--	1 U	2 U	--	9	2 U	0.6 B	1 U	1 U	1 U
MRC-MW31-111505	MRC-MW31A	20051115	2 U	1	2 U	2	--	1 U	--	1 U	2 U	--	6	2 U	1 U	1 U	1 U	1 U
MRC-MW31A-03162012	MRC-MW31A	20120316	0.29 UJ	0.71 J	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.66 J	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	0.29 U	0.67 J	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.41 J	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	0.29 U	0.92 J	0.3 U	0.36 J	--	0.11 UJ	--	0.13 U	0.24 U	--	2 J	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW31A-072908	MRC-MW31A	20080729	1 U	0.89 J	1 U	0.63 J	--	--	--	1 U	2 U	--	2.2 J	1 U	1 U	1 U	1 U	1 U
MRC-MW31A-102607	MRC-MW31A	20071026	1 U	0.92 J	1 U	0.9 J	--	5 U	--	1 U	2 U	--	3.5 J	1 U	1 U	1 U	1 U	1 U
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	2 U	1 U	2 U	1 U	--	1 U	--	1 U	2 U	--	2 U	2 U	1 U	1 U	1 U	1 U
MRC-MW32-111405	MRC-MW32A	20051114	2 U	1 U	2 U	1 U	--	1 U	--	1 U	2 U	--	2 U	2 U	1 U	1 U	1 U	1 U
MRC-MW32A-031017	MRC-MW32A	20170310	0.41 UJ	0.31 U	0.43 U	0.3 U	0.44 U	--	--	0.21 U	--	0.45 U	0.27 U	0.53 U	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	0.29 U	0.16 U	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW-32A-032816	MRC-MW32A	20160328	0.32 U	0.25 U	0.44 U	0.26 U	0.45 U	--	--	0.35 U	--	0.43 U	0.2 U	0.33 U	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	0.24 U	0.25 U	0.21 U	0.3 U	--	0.2 U	--	0.2 U	0.33 U	--	0.29 U	0.6 U	0.2 U	0.2 U	0.2 U	0.27 U
MRC-MW32A-042011	MRC-MW32A	20110420	0.29 U	0.16 U	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW32A-050814	MRC-MW32A	20140508	0.24 U	0.25 U	0.21 U	0.3 U	--	0.2 U	--	0.2 U	0.33 U	--	0.29 U	0.32 U	0.2 U	0.2 U	0.2 U	0.27 UJ
MRC-MW32A-060210	MRC-MW32A	20100602	0.29 U	0.16 U	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	111	2	590	13	13	970	21	NC	16	930
		AWQC	NC	29	520	NC	NC	NC	4000	7	NC	NC	1.6
MRC-MW126A-112917	MRC-MW126A	20171129	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.33 U	0.5 U	--	0.45 U
MRC-MW126B-112917	MRC-MW126B	20171129	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.33 U	0.5 U	--	0.45 U
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127A-111717	MRC-MW127A	20171117	--	3.8 U	2.9 U	--	3 U	--	3.6 U	4.1 U	6.3 U	--	5.6 U
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	0.3 U	0.23 U	--	0.24 U	--	0.99 J	6.2	0.5 U	--	0.83 J
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	1.5 U	1.2 U	--	1.2 U	--	1.5 U	3 J	2.5 U	--	2.3 U
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	0.3 U	1.9	--	0.24 U	--	0.29 U	1.5	0.5 U	--	0.45 U
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	0.5 U	0.38 U	--	0.4 U	--	0.48 U	0.55 U	0.84 U	--	0.75 U
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	0.3 U	0.54 J	--	0.24 U	--	0.29 U	3.9	0.5 U	--	0.45 U
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	0.75 U	0.58 U	--	0.6 U	--	0.73 U	0.83 U	1.3 U	--	1.1 U
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	0.3 U	**30**	--	0.24 U	--	0.29 U	0.96 J	0.5 U	--	0.45 U
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	5 UR	1 U	1 U	3	3 U	--	1 U	5	2 U	1 U	2 U
MRC-MW30-111505	MRC-MW30A	20051115	5 UR	1 U	1 U	26	3 U	--	1	**15**	2 U	1 U	**2**
MRC-MW30A-03192012	MRC-MW30A	20120319	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.61 J	**12**	0.21 U	0.19 UR	0.22 U
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.57 J	**12**	0.21 U	0.19 U	0.22 U
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	1.7	**29**	0.21 U	0.19 U	0.22 U
MRC-MW30A-072908	MRC-MW30A	20080729	20 UR	1 U	1 U	--	2 U	--	0.89 J	**18**	1 U	2 U	1 U
MRC-MW30A-080409	MRC-MW30A	20090804	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	1.76	**28.54**	0.21 U	0.19 U	0.363 J
MRC-MW30A-102607	MRC-MW30A	20071026	33 UR	1.7 U	1.7 U	--	3.3 U	--	1.7	**36**	1.7 U	3.3 U	1.1 J
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	5 UR	1 U	1 U	3	3 U	--	1 U	7	2 U	1 U	2 U
MRC-MW31-111505	MRC-MW31A	20051115	5 UR	1 U	1 U	2 J	3 U	--	1 U	5	2 U	1 U	2 U
MRC-MW31A-03162012	MRC-MW31A	20120316	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.49 J	0.21 U	0.19 U	0.22 U
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.38 J	0.21 U	0.19 U	0.22 U
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.9 J	0.21 U	0.19 U	0.22 U
MRC-MW31A-072908	MRC-MW31A	20080729	20 UR	1 U	1 U	--	2 U	--	1 U	1.6	1 U	2 U	1 U
MRC-MW31A-102607	MRC-MW31A	20071026	20 UR	1 U	1 U	--	2 U	--	1 U	2.2	1 U	2 U	1 U
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	5 UR	1 U	1 U	2 U	3 U	--	1 U	1 B	2 U	1 U	2 U
MRC-MW32-111405	MRC-MW32A	20051114	5 UR	1 U	1 U	2 U	3 U	--	1 U	0.7 J	2 U	1 U	2 U
MRC-MW32A-031017	MRC-MW32A	20170310	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.33 U	0.5 U	--	0.45 U
MRC-MW32A-03162012	MRC-MW32A	20120316	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.46 J	0.21 U	0.19 UR	0.22 U
MRC-MW-32A-032816	MRC-MW32A	20160328	--	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.55 J	0.49 U	--	0.29 U
MRC-MW-32A-041315	MRC-MW32A	20150413	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	0.56 J	0.2 U	1.1 U	0.32 U
MRC-MW32A-042011	MRC-MW32A	20110420	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.59 J	0.21 U	0.19 U	0.22 U
MRC-MW32A-050814	MRC-MW32A	20140508	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	0.22 U	0.2 U	1.1 U	0.32 U
MRC-MW32A-060210	MRC-MW32A	20100602	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.55 J	0.21 U	0.19 U	0.22 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURA	DISSOLVED METALS (UG/L)													
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MOLYBDENUM	NICKEL	SELENIUM	VANADIUM
			MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	340	NC	NC	1.8	16	NC	13	NC	65	NC	NC	470	20	NC
		NRWQC Chronic	NC	NC	150	NC	NC	0.72	11	NC	9	NC	2.5	NC	NC	52	5	NC
		BTAG	3E-06	30	5	4	0.66	0.25	85	23	9	300	2.5	120	73	52	1	20
		AWQC	5E-06	640	0.14	NC	NC	NC	NC	NC	NC	NC	NC	100	NC	4600	4200	NC
MRC-MW32A-072808	MRC-MW32A	20080728	--	0.035 U	**0.24**	**31.5**	**1.5**	0.017 B	0.069 U	5.7	5.1	1.1 U	0.18 B	2.6 B	0.12 U	8.6	0.24 B	1.3
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	0.36 B	1 UL	**59.3**	**1.6**	0.05 UL	2.1 B	15.3	0.1 U	--	0.38 B	--	0.2 U	16.6	1.2 U	0.52 B
MRC-MW33-111505	MRC-MW33A	20051115	--	4.11 U	3.45 UL	**38.6**	**1.4 L**	0.4 U	1.01 U	**39.4**	1.74 U	--	2.3 B	--	2 U	30.9	3.59 U	1.36 U
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	0.035 U	**0.43**	**34.8**	**4.9**	0.32 B	0.069 U	**47.8**	6.1	1.1 U	0.14 B	**312**	0.12 U	34.5	0.21 B	2.1
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	0.4 B	1 UL	**42.3**	0.06 B	0.05 UL	2.2 B	0.97	0.1 U	--	0.23 B	--	0.2 B	1.9 B	2.1 B	0.78 B
MRC-MW34-111405	MRC-MW34A	20051114	--	4.11 U	3.45 UL	**52.1**	1.1 B	0.4 U	1.5 B	1.9	4.9 B	--	1.65 U	--	2 U	1.9	3.59 U	1.36 U
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-AVG	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	--	0.035 U	0.13 U	**49.8**	0.056	0.034 B	0.91	0.74	0.32 B	1.1 U	0.074 B	2.2 B	0.12 U	0.91 B	**2.1**	0.46 U
MRC-MW34A-082509	MRC-MW34A	20090825	--	0.055 U	0.21 U	**41**	0.054 B	0.032 B	0.78 B	0.64	0.3 B	26.7 B	0.055 B	2.1 B	0.2 U	0.74 B	**1.9**	0.6 U
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	--	0.068 B	0.72 B	**149**	**10.9**	0.45 B	0.27 B	**124**	**39**	81.6 B	0.11 B	**452**	0.12 U	**168**	0.87 B	1.4
MRC-MW34B-082509	MRC-MW34B	20090825	--	0.055 U	0.21 U	**146**	**9.8**	0.4 B	0.12 B	**122**	**36.8**	54.2 B	0.12 B	**469**	0.2 U	**159**	0.56	0.85
MRC-MW34B-102405	MRC-MW34B	20051024	--	4.11 U	3.45 U	**138**	**5.8**	0.4 U	1.01 U	**114**	**10.2 L**	--	1.65 U	--	2 U	**147**	3.59 U	2.8
MRC-MW34B-110807	MRC-MW34B	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	0.094 B	0.88 B	**16.7**	0.014 B	0.006 U	0.25 B	0.13 B	0.051 U	1.1 U	0.071 B	9.7	0.12 U	0.64 B	0.19 B	10
MRC-MW34C-103105	MRC-MW34C	20051031	--	4.11 U	3.45 U	**62.1**	0.35 UL	0.4 U	**81.2**	1.12 U	1.74 UL	--	2.3 B	--	14.6	1.6 B	3.59 UL	24.2 B

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	FILTERED (0.10) METALS (UG/L)															
			ZINC	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	COBALT	COPPER	LEAD	NICKEL	VANADIUM	ZINC	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	120	340	NC	NC	2	NC	13	65	470	NC	120	340	NC	NC	2	16
		NRWQC Chronic	120	150	NC	NC	0.25	NC	9	2.5	52	NC	120	150	NC	NC	0.25	11
		BTAG	120	5	4	0.66	0.25	23	9	2.5	52	20	120	5	4	0.66	0.25	85
		AWQC	26000	0.14	NC	NC	NC	NC	NC	NC	4600	NC	26000	0.14	NC	NC	NC	NC
MRC-MW32A-072808	MRC-MW32A	20080728	17.8 B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	--	--	--	0.27 U	**36.4**	**1.8**	0.015 B	0.054 U
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	25.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	**146**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	--	--	--	0.27 U	**44**	**5**	**0.34**	1.9 B
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	5.3 B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	2.1 B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-AVG	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	2.7 B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	2.4 B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	--	--	--	--	--	--	--	0.27 U	**47.9**	0.1 B	0.014 U	0.91 B
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	**340**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	**331**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-102405	MRC-MW34B	20051024	**250**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	--	**0.51**	**149**	**11.1**	**0.4**	**129**	**38**	0.14 B	**159**	1.4	**350**	**0.58**	**139**	**10.4**	**0.37**	0.23 B
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	1.9 B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	1.8 B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	FILTERED (0.45) METALS (UG/L)															
			COBALT	COPPER	LEAD	MOLYBDENUM	NICKEL	SELENIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	13	65	NC	470	20	NC	120	750	NC	340	NC	NC	2	NC	16
		NRWQC Chronic	NC	9	2.5	NC	52	5	NC	120	87	NC	150	NC	NC	0.25	NC	11
		BTAG	23	9	2.5	73	52	1	20	120	87	30	5	4	0.66	0.25	116000	85
		AWQC	NC	NC	NC	NC	4600	4200	NC	26000	NC	640	0.14	NC	NC	NC	NC	NC
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	--	--	--	--	--	--	--	0.035 U	**0.32**	**31.6**	**1.6**	0.029 B	--	0.069 U
MRC-MW32A-102507	MRC-MW32A	20071025	7.6	5	0.37	3.7 B	11.2	1.6 U	0.25 U	21.2	--	0.063 B	0.42 B	**40.7**	**1.8**	0.027 B	--	3.8
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	--	--	--	--	--	--	--	0.5 B	**1.4 L**	**58.4**	**1.7**	0.05 UL	--	2.5 B
MRC-MW33-111505	MRC-MW33A	20051115	--	--	--	--	--	--	--	--	--	4.11 U	3.45 UL	**41.7**	**1.7 L**	0.4 U	--	1.01 U
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	0.13 U	**0.78 J**	**37**	**7.9**	**0.42 J**	--	1.2 J
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	2.2 U	3 U	**43**	**4.3**	1.1 U	--	0.81 J
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	**100**	**8.5**	0.2 J	--	0.71 U
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	0.157 UJ	0.211 UJ	**17.9 J**	**1.9 J**	0.107 J	--	2.1 U
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	0.073 B	0.28 B	**62**	**5.7**	0.28 B	--	2.2
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	--	--	--	--	--	--	--	0.035 U	**0.24**	**35.2**	**5.3**	0.33 B	--	0.1
MRC-MW33A-102607	MRC-MW33A	20071026	**64**	6.5	0.29	5.4 B	39.5	1.6 U	0.25 U	**132**	--	0.44 B	0.35 B	**39**	**4.9**	**0.38**	--	0.93 B
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	0.3 U	0.9 U	**43**	**8.5**	**0.47 J**	--	1.3 J
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	--	--	--	--	--	--	--	0.47 B	1 UL	**41.7**	0.05 U	0.05 UL	--	2.6 B
MRC-MW34-111405	MRC-MW34A	20051114	--	--	--	--	--	--	--	--	--	4.11 U	3.45 UL	**52.8**	1.1 B	0.4 U	--	1.01 U
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-AVG	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	0.13 U	**0.62 J**	**100**	0.2 U	0.13 U	--	0.89 J
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	0.13 U	**0.86 J**	**312**	0.2 U	0.13 U	--	0.71 U
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	--	--	--	--	--	0.053 B	0.16 U	**95.8**	0.078 B	0.047 B	--	0.47 J
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	--	--	--	--	--	--	--	0.035 U	0.13 U	**49.3**	0.037	0.029 B	--	0.5
MRC-MW34A-082509	MRC-MW34A	20090825	--	--	--	--	--	--	--	--	--	0.055 U	0.21 U	**41.5**	0.048 B	0.027 U	--	0.91 B
MRC-MW34A-110607	MRC-MW34A	20071106	1.3	0.33	0.13 B	6.9	1.9	**2.1 L**	0.25 U	5.7 B	--	0.41 B	0.27 U	**46**	0.087 B	0.02 B	--	1 B
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	16000	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	--	--	--	--	--	0.18 B	**1.1 J**	**150**	**12**	**0.68 J**	13000	0.71 U
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	--	--	--	--	--	0.304 U	0.359 U	**151**	**10.1**	**0.36 J**	--	0.82 U
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	14000	--
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	**131**	**9.2 L**	**0.3 J**	--	0.71 UJ
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	--	--	--	--	--	0.284 U	0.211 U	**137**	**8.8 J**	**0.348 J**	--	3.2 U
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	--	--	--	--	--	0.027 U	0.45 B	**148**	**9.4**	0.37 B	--	0.43 J
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	--	--	--	--	--	--	--	0.077 B	0.67 B	**148**	**10.4**	0.46 B	--	0.34 B
MRC-MW34B-082509	MRC-MW34B	20090825	--	--	--	--	--	--	--	--	--	0.055 U	0.21 U	**145**	**9.9**	0.42 B	--	0.89 B
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	--	--	--	--	--	--	--	4.11 U	**4.2**	**136**	**7.1**	**0.47**	--	**12.9**
MRC-MW34B-110807	MRC-MW34B	20071108	**120**	**35.9**	0.092 B	2 B	**147**	**1.9**	1.4	**323**	--	0.048 UL	**0.62 L**	**147**	**10.8**	**0.37**	--	0.71 B
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	--	--	--	--	--	0.3 U	0.9 U	**160**	**11**	**0.39 J**	13000	0.9 U
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	0.14 B	**1.1 J**	**24**	0.2 U	**0.36 J**	--	0.87 J
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	0.92 J	**0.55 J**	**40.6**	0.23 J	0.13 U	--	7.7
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	0.027 U	0.63 B	**31**	0.11 B	0.025 U	--	3.8
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	--	--	--	--	--	--	--	0.11 B	0.87 B	**17.4**	0.045 B	0.017 B	--	0.8 B
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	--	--	--	--	--	--	--	4.11 U	3.45 U	**62.1 J**	0.35 UL	0.4 U	--	**89.7**

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)															
			COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE	SILVER	SODIUM	THALLIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	13	NC	65	NC	NC	NC	NC	470	NC	20	NC	NC	3.2	NC	NC
		NRWQC Chronic	NC	9	NC	2.5	NC	NC	NC	NC	52	NC	5	NC	NC	NC	NC	NC
		BTAG	23	9	300	2.5	82000	120	0.026	73	52	53000	1	NC	NC	3.2	680000	0.8
		AWQC	NC	NC	NC	NC	NC	100	NC	NC	4600	NC	4200	NC	NC	NC	NC	0.47
MRC-MW32A-072808	MRC-MW32A	20080728	5.6	5.1	63.5 B	0.21 B	--	2.8 B	0.1 U	0.12 U	8.8	--	0.24 B	--	--	0.003 U	--	0.11 U
MRC-MW32A-102507	MRC-MW32A	20071025	7.4	6.9	--	0.92	--	--	0.1 U	0.66 U	11.7	--	1.6 U	--	--	0.021 UL	--	0.023 U
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	15.1	0.1 U	--	0.42 B	--	--	0.05 B	0.43 B	16.6	--	1.2 U	--	--	0.05 UL	--	0.25 UL
MRC-MW33-111505	MRC-MW33A	20051115	**41.7**	1.74 U	--	2.6 B	--	--	0.02 U	2 U	32.7	--	3.59 U	--	--	1.04 UL	--	6.13 UL
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	**72**	**9.3**	--	0.53 J	--	--	0.12 U	0.093 U	**56**	--	0.57 U	--	--	0.08 U	--	0.14 U
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	**47**	5.1 J	52 J	2.2 U	--	**250**	0.5 U	2.2 U	35	--	5.6 U	--	--	2.2 U	--	1 U
MRC-MW33A-042711	MRC-MW33A	20110427	**45.9**	5.5	--	0.18 J	--	--	0.12 U	0.093 U	47.3	--	1.2 U	--	--	0.08 U	--	0.16 B
MRC-MW33A-050814	MRC-MW33A	20140508	18.2 J	2.2 J	23.1 U	0.1 J	--	**108**	0.024 U	0.068 UJ	14.5 J	--	0.255 J	2740	--	0.015 UJ	--	0.031 UJ
MRC-MW33A-060110	MRC-MW33A	20100601	**47.1**	9	**2240**	1.2	--	**298**	0.1 U	0.27 U	41.7	--	0.13 U	--	--	0.015 U	--	0.13 U
MRC-MW33A-072808	MRC-MW33A	20080728	**48.5**	6.4	82.4 B	0.19 B	--	**330**	0.1 U	0.12 U	36.5	--	0.14 U	--	--	0.003 U	--	0.11 U
MRC-MW33A-102607	MRC-MW33A	20071026	**63**	7.6	--	0.42	--	--	0.1 U	0.94 B	36.3	--	1.6 U	--	--	0.021 U	--	0.023 U
MRC-MW33A-20130315	MRC-MW33A	20130315	**74**	**9.1**	--	0.37 J	--	--	0.1 U	0.29 J	**57**	--	0.5 U	--	--	0.1 U	--	0.2 U
MRC-MW-34-060905	MRC-MW34A	20050609	0.96	0.1 U	--	0.1 B	--	--	0.04 B	0.51 B	2.1 B	--	1.8 B	--	--	0.05 UL	--	0.25 UL
MRC-MW34-111405	MRC-MW34A	20051114	1.2	4.7 B	--	1.65 U	--	--	0.11 B	2 U	2	--	3.59 U	--	--	1.04 U	--	6.8 B
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-AVG	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	1.5	0.48 B	--	0.18 U	--	--	0.12 U	0.096 B	2.7 K	--	**2.7 J**	--	--	0.08 U	--	0.14 U
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	3.3	0.8 B	--	0.18 U	--	--	0.12 U	0.093 U	5	--	**2.7 J**	--	--	0.08 U	--	0.14 U
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	0.99 J	0.26 B	6 U	0.019 UL	--	3.5	0.1 U	0.27 U	1.2 B	9010	**1.7 J**	--	--	0.015 U	--	0.13 U
MRC-MW34A-072808	MRC-MW34A	20080728	0.77	0.35 B	36.1 B	0.1 B	--	2.3 B	0.1 U	0.12 U	0.77 B	--	**2.1**	--	--	0.003 U	--	0.11 U
MRC-MW34A-082509	MRC-MW34A	20090825	0.66	0.3 B	120 B	0.16 B	--	2.8 B	0.1 UL	0.2 U	0.84 B	7880	**2.1**	--	--	0.033 U	--	0.12 U
MRC-MW34A-110607	MRC-MW34A	20071106	1.3	0.47	--	0.095 B	--	--	0.1 U	1.1 B	1.8	--	**1.7 L**	--	--	0.021 U	--	0.023 U
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	13000	--	--	--	--	7500	--	--	9300	--	83000	--
MRC-MW34B-040312	MRC-MW34B	20120403	**130**	**36**	300	0.49 J	12000	**440**	0.12 U	0.42 B	**160**	6300	**1.1 J**	--	9000	0.08 U	71000	0.87 B
MRC-MW-34B-041315	MRC-MW34B	20150413	**138**	**41.3**	119	0.271 U	--	**511**	0.04 U	0.103 U	**164**	7240	0.829 J	--	--	0.062 U	--	0.279 J
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	130 U	--	11000	**460**	--	--	--	6000	--	--	8200	--	74000	--
MRC-MW34B-050211	MRC-MW34B	20110502	**112**	**33.5**	**735 J**	0.18 UL	--	**413**	0.12 U	0.093 U	**147**	6160 K	1.2 UL	--	--	0.08 U	--	0.14 U
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	**113 J**	**31.5 J**	13.6 U	0.089 J	--	**411**	**0.047 J**	0.068 U	**135 J**	--	0.807 J	3490	--	0.044 U	--	0.065 J
MRC-MW34B-061710	MRC-MW34B	20100617	**124**	**36.8**	**372**	0.019 UL	--	**417**	0.1 U	0.27 U	**162**	6380	**1.1 J**	--	--	0.015 UL	--	0.26 B
MRC-MW34B-073108	MRC-MW34B	20080731	**128**	**39.6**	128 B	0.13 B	--	**473**	0.1 U	0.12 U	**172**	--	**1.1**	--	--	0.025 B	--	0.38 B
MRC-MW34B-082509	MRC-MW34B	20090825	**123**	**38**	**1180**	0.4	--	**474**	0.1 UL	0.2 U	**163**	6980	0.66	--	--	0.033 U	--	0.14 B
MRC-MW34B-102405	MRC-MW34B	20051024	**111**	**32.4 L**	--	2.7 B	--	--	0.02 U	2 U	**154**	--	4.2 B	--	--	1.04 UL	--	6.13 U
MRC-MW34B-110807	MRC-MW34B	20071108	**124 J**	**38**	--	0.16 B	--	--	0.1 UL	0.66 UL	**153 J**	--	1.6 U	--	--	0.021 UL	--	0.023 U
MRC-MW34B-20130321	MRC-MW34B	20130321	**110**	**30**	290	0.26 J	12000	**420**	0.1 UL	0.72 B	**150**	6400	0.79 J	--	9100	0.32 B	71000	0.36 J
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	0.78 J	0.59 B	--	0.43 J	--	--	0.12 U	0.21 B	2.5 K	--	0.57 U	--	--	0.08 U	--	0.48 B
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	3.6	6.9	--	1.9	--	--	0.1 U	0.093 UL	8	--	1.2 U	--	--	0.08 U	--	0.13 U
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	1.4	3.3 B	**2220**	0.6 J	--	38.2	0.1 U	0.27 U	4.1	--	0.13 U	--	--	0.015 UL	--	0.13 U
MRC-MW34C-073108	MRC-MW34C	20080731	0.34 B	0.41 B	**306**	0.21 B	--	11.3	0.1 U	0.12 U	1.4 B	--	0.14 U	--	--	0.003 U	--	0.11 U
MRC-MW34C-103105	MRC-MW34C	20051031	1.12 U	1.74 UL	--	2.7 B	--	--	0.07 B	15.4	5.3 B	--	3.59 UL	--	--	1.04 U	--	6.13 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE				MICROBIOLOGICAL (CELLS/ML)													
			URANIUM-238	VANADIUM	ZINC	DEHALOBACTER	DEHALOCOCCOIDES	TCE R-DASE	ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON
			UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		NRWQC Acute	NC	NC	120	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.022	NC
		NRWQC Chronic	NC	NC	120	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.0052	NC
		BTAG	2.6	20	120	NC	NC	NC	NC	0.019	0.019	NC	NC	NC	NC	230	0.005	NC
		AWQC	NC	NC	26000	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MRC-MW32A-072808	MRC-MW32A	20080728	--	1.9	17.9 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	6.4	22.6	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	0.81 B	31.3	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	--	1.36 U	**148**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	1.7 J	**180**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	2.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	0.44 U	98.2	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	0.479 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	3.9 J	**132**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	1.7	118	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	1.6	**134**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	0.8 J	**160**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	0.58 B	3.9 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	--	1.8 K	1.5 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-AVG	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	0.44 UL	2.4 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	0.44 UL	10 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	0.43 U	2.9 B	--	--	--	27	--	0.1 U	--	--	--	--	69.8	--	0.6 J
MRC-MW34A-072808	MRC-MW34A	20080728	--	0.46 U	2.3 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	--	0.6 U	5.2 B	--	--	--	32	--	0.1 U	--	--	--	--	8.3	--	0.9
MRC-MW34A-110607	MRC-MW34A	20071106	--	0.25 U	6.6 B	--	--	--	--	--	--	--	--	--	--	15.4	--	--
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	1.9 U	--	0.87 U	--	--	--	--	200	--	1.2
MRC-MW34B-040312	MRC-MW34B	20120403	--	1.8 J	**340**	--	--	--	12	--	0.16 B	--	--	--	--	160 K	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	--	0.935 J	--	--	--	--	--	--	**0.034 J**	--	--	0.3 U	--	186	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	50	--	0.87 U	--	--	--	--	200	--	0.91 J
MRC-MW34B-050211	MRC-MW34B	20110502	--	1.8 J	**303**	--	--	--	4 J	--	**0.08 J**	--	--	--	--	176 K	--	2
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.4
MRC-MW34B-051214	MRC-MW34B	20140512	--	0.522 J	--	--	--	--	--	--	0.004 U	--	--	0.3 U	--	165	--	1.1
MRC-MW34B-061710	MRC-MW34B	20100617	--	1.7 J	**329**	--	--	--	5.1 B	--	0.1 U	--	--	--	--	189	--	2
MRC-MW34B-073108	MRC-MW34B	20080731	--	1.3	**338**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	--	6.1	**335**	--	--	--	6.1 B	--	**0.1**	--	--	--	--	181	--	2
MRC-MW34B-102405	MRC-MW34B	20051024	--	**25.7**	**255**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	--	2.4	**333**	--	--	--	--	--	--	--	--	--	--	156	--	--
MRC-MW34B-20130321	MRC-MW34B	20130321	--	0.83 J	**310 K**	--	--	--	3.5 J	--	0.083 B	--	--	--	--	160	--	1.6
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	1.9 J	2.3 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	8.4 J	28.7 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	8.1 J	11.4 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	12	3.6 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	--	22 B	1.9 B	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)															
			HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE-N	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL SUSPENDED SOLIDS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		NRWQC Acute	0.016	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	0.011	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	0.011	NC	NC	0.02	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		AWQC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	1E-05 UL	--	--	--	--	4E-04 U	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-AVG	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	3E-04 J	--	--	--	--	4E-04 U	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	1E-03 J	--	1.1	0.012 U	0.1 J	--	--	--	--	11.3	220	--	--	--	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	--	--	1.5	0.012 U	0.044 U	--	--	--	--	14.9	100	--	--	--	--	--
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	1.5	0.1 U	--	--	--	--	--	13.2	87	--	1	--	--	6
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	0.14	0.038 U	0.03 J	--	--	--	--	18	360	--	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	0.023 U	0.012 U	0.044 U	--	--	--	--	29	320	--	--	--	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	0.5 J	0.3 U	0.003 J	--	--	--	8.5	46.9	338	--	1.5	--	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	0.19	0.038 U	0.021 J	--	0.15 U	--	--	28	350	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	2E-05 J	--	0.22	0.012 U	0.044 U	4E-04 U	--	--	--	17.7	290	--	--	--	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	0.5 J	0.3 U	0.002 U	--	--	8.04	--	27.3	314	--	--	--	--	--
MRC-MW34B-061710	MRC-MW34B	20100617	1E-04 U	--	0.1	0.012 U	0.4 J	--	--	--	--	16.8	360	--	--	--	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	--	--	0.2	0.012 U	0.044 U	--	--	--	--	16.2	400	--	--	--	--	--
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	--	--	0.1	0.1 U	--	--	--	--	--	12.5	290	--	2	--	--	10
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	0.37	0.012 U	0.044 U	--	--	--	--	18	540	--	--	--	--	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	4E-04 U	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	3E-04 K	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	1E-04 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOU	MISCELLANEOUS PARAMETERS		PCB HOMOLOGS (UG/L)						PCB HOMOLOGS, FILTERED		PCBS (UG/L)			
			PH	BROMIDE	PERCHLORATE	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	AROCLOR-1254	AROCLOR-1260	DICHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
			S.U.	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	NC	NC	0.014	0.014
		BTAG	NC	NC	NC	7E-05	NC	NC	7E-05	7E-05	NC	NC	7E-05	7E-05	7E-05	7E-05	7E-05	7E-05
		AWQC	NC	NC	NC	6E-05	NC	NC	6E-05	6E-05	NC	NC	6E-05	6E-05	6E-05	6E-05	6E-05	6E-05
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-AVG	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

						PETROLEUM	PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)				SEMIVOLATILE			
SAMPLE ID	LOCATION ID	SAMPLE DATE	PENTACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND	OIL & GREASE - HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-230	URANIUM-233/234	URANIUM-235	URANIUM-238	1,4-DIOXANE	1,4-DIOXANE	2,4,5-TRICHLOROPHENOL	2,4-DICHLOROPHENOL
			UG/L	UG/L	UG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	0.014	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	7E-05	7E-05	7E-05	NC	NC	NC	NC	NC	NC	2.6	2.6	2.6	NC	22000	NC	11
		AWQC	6E-05	6E-05	6E-05	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	600	60
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	--	--	--	10 UJ	--	--	--	--	--	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	--	--	--	--	--	11	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	0.17 J	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	--	--	--	10 UJ	--	--	--	--	--	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	--	--	--	--	--	16	--	--	--	--	--	--	--	2 UL	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	0.057 U	--	--
MRC-MW34A-031017-AVG	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	0.057 U	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	0.057 U	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	0.45	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	--	--	--	--	--	--	--	--	--	--	--	2 UL	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	0.057 U	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	--	--	--	--	--	--	--	--	--	--	--	2 UL	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)															
			2-CHLOROPHENOL	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	24	4.7	5.8	NC	0.012	NC	NC	0.018	0.015	NC	NC	NC	16	19	NC	NC
		AWQC	800	NC	90	NC	400	NC	NC	0.0013	0.0001	0.0013	NC	0.013	0.37	0.1	NC	NC
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-AVG	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TENTATIVELY IDENTIFIED COMPOUNDS				
														1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	NC	3.7	210	0.04	3	NC	1.1	0.4	4	0.025	NC	NC	NC	NC	NC
		AWQC	0.13	0.0001	NC	600	20	70	0.0013	NC	NC	300000	30	NC	NC	NC	400	NC
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-AVG	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	1.4 NJ	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9 NJ	--	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	OS-VOLATILES (UG/L)				VOLATILE GASES (UG/L)											
			DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	ETHANE	ETHENE	METHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	NC	NC	NC	NC	NC	NC	1200	NC	47	25	8	NC	24	33	0.7
		AWQC	NC	NC	NC	NC	NC	NC	NC	8.9	NC	NC	20000	NC	NC	0.076	NC	3000
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW33-111505	MRC-MW33A	20051115	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	0.34 U	0.41 U	0.27 J	0.27 U	--	--	0.27 U	--	0.26 U
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	0.24 U	0.45 U	0.3 U	0.45 U	--	--	0.32 U	--	0.25 U
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	1 U	1 U	1 U	0.3 J	2 U	--	2 U	--	1 U
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	0.31 UJ	0.2 U	0.57 U	0.82 U	--	0.23 U	0.2 U	0.21 U
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	1 U	0.29 J	1 U	1 U	5 U	1 U	1 U	1 U
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	0.28 U	0.25 J	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	0.6 B	1 U	1 U
MRC-MW34-111405	MRC-MW34A	20051114	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	0.34 U	0.41 U	0.25 U	0.27 U	--	--	0.27 U	--	0.26 U
MRC-MW34A-031017-AVG	MRC-MW34A	20170310	--	--	--	--	--	--	--	0.34 U	0.41 U	0.25 U	0.27 U	--	--	0.27 U	--	0.26 U
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	0.34 U	0.41 U	0.25 U	0.27 U	--	--	0.27 U	--	0.26 U
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	0.24 U	0.45 U	0.3 U	0.45 U	--	--	0.32 U	--	0.25 U
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	0.31 U	0.2 U	0.57 U	0.82 U	--	0.23 U	0.2 U	0.21 U
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	0.31 UJ	0.2 U	0.57 U	0.82 U	--	0.23 U	0.2 U	0.21 U
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	0.26 UJ	0.31 UJ	0.1 U	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
MRC-MW34A-082509	MRC-MW34A	20090825	--	--	--	--	0.27 U	0.24 U	0.17 U	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	0.5 U	0.5 U	0.5 U	--	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	0.14 U	0.13 U	24	0.34 U	0.41 U	0.68 J	0.27 U	--	--	0.27 U	0.24 U	0.26 U
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	0.38 J	0.31 U	99	--	0.28 U	0.78 J	0.23 J	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	0.38 J	0.11 U	91	--	0.31 U	0.76 J	0.57 U	0.82 U	--	0.23 U	0.2 U	0.21 U
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	0.14 U	0.13 U	33	0.24 U	0.45 UJ	0.73 J	0.45 U	--	--	0.32 UJ	--	0.25 U
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	0.26 UJ	0.31 UJ	52 J	--	0.28 U	0.58 J	0.24 J	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	0.29 J	0.11 U	69	--	0.31 UJ	0.73 J	0.57 U	0.82 U	--	0.23 U	0.2 U	0.21 U
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	0.55	0.31 U	150	--	0.28 U	0.82 J	0.33 J	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	--	--	--	--	--	--	1 U	1.1	0.36 J	1 U	5 U	1 U	1 U	1 U
MRC-MW34B-082509	MRC-MW34B	20090825	--	--	--	--	0.37 J	0.24 U	94	--	0.28 U	1	0.36 J	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	--	--	--	--	--	--	1 U	2	0.6 J	1 U	1 U	1 U	1 U	1 U
MRC-MW34B-110807	MRC-MW34B	20071108	--	--	--	--	0.27 J	0.5 U	67	--	1 U	1.4	0.39 J	1 U	5 U	1 U	1 U	1 U
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	0.22 J	0.37 U	49	--	0.28 U	0.77 J	0.29 J	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	0.34 U	0.41 U	0.25 U	0.27 U	--	--	0.27 U	0.24 U	0.26 U
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	0.31 U	0.2 U	0.57 U	0.82 U	--	0.23 U	0.2 U	0.21 U
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	0.24 U	0.45 UJ	0.3 U	0.45 U	--	--	0.32 UJ	--	0.25 U
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	0.31 UJ	0.2 U	0.57 U	0.82 U	--	0.23 U	0.2 U	0.21 U
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**2**

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	2-HEXANONE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMODICHLOROMETHANE	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	100	NC	71	150	26	14000	99	85	170	1500	370	NC	NC	0.92	13.3	1.3
		AWQC	650	31	NC	10	900	NC	NC	NC	NC	NC	16	27	10000	NC	5	800
MRC-MW32A-072808	MRC-MW32A	20080728	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	1.1 B	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW32A-102507	MRC-MW32A	20071025	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW32A-20130315	MRC-MW32A	20130315	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW-33-060905	MRC-MW33A	20050609	5 U	1 U	--	1 U	1 U	5 UR	5 U	1 U	5 U	5 UR	1 U	1 U	2 U	1 U	1 U	1 U
MRC-MW33-111505	MRC-MW33A	20051115	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	5 UR	1 U	1 U	2 U	1 U	1 U	1 U
MRC-MW33A-031017	MRC-MW33A	20170310	0.3 U	0.3 U	--	0.32 U	0.23 U	1 UJ	1.2 U	--	0.71 U	1.8 U	0.28 U	0.3 U	0.42 UJ	0.34 U	0.35 U	0.32 U
MRC-MW33A-03192012	MRC-MW33A	20120319	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW-33A-032916	MRC-MW33A	20160329	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 U	0.48 U	--	0.99 U	0.94 U	0.35 U	0.29 U	0.44 U	0.38 U	0.43 U	0.25 U
MRC-MW-33A-041515	MRC-MW33A	20150415	1 U	1 U	--	1 U	1 U	10 U	5 U	--	5 U	10 U	1 U	1 U	0.64 U	1 UJ	1 U	1 U
MRC-MW33A-042711	MRC-MW33A	20110427	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW33A-050814	MRC-MW33A	20140508	0.36 U	0.2 U	--	0.2 U	0.2 U	0.81 U	1.7 U	0.2 UJ	0.67 U	1.3 U	0.2 U	0.32 U	0.29 U	0.22 U	0.45 U	0.29 U
MRC-MW33A-060110	MRC-MW33A	20100601	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	9.6 B	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW33A-072808	MRC-MW33A	20080728	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	1.7 B	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW33A-102607	MRC-MW33A	20071026	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW33A-20130315	MRC-MW33A	20130315	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW-34-060905	MRC-MW34A	20050609	5 U	1 U	--	1 U	1 U	5 UR	5 U	1 U	5 U	5 UR	1 U	1 U	2 U	1 U	1 U	1 U
MRC-MW34-111405	MRC-MW34A	20051114	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	5 UR	1 U	1 U	2 U	1 U	1 U	1 U
MRC-MW34A-031017	MRC-MW34A	20170310	0.3 U	0.3 U	--	0.32 U	0.23 U	1 UJ	1.2 U	--	0.71 U	1.8 U	0.28 U	0.3 U	0.42 UJ	0.34 U	0.35 U	0.32 U
MRC-MW34A-031017-AVG	MRC-MW34A	20170310	0.3 U	0.3 U	--	0.32 U	0.23 U	1 U	1.2 U	--	0.71 U	1.8 U	0.28 U	0.3 U	0.42 U	0.34 U	0.35 U	0.32 U
MRC-MW34A-031017-D	MRC-MW34A	20170310	0.3 U	0.3 U	--	0.32 U	0.23 U	1 UJ	1.2 U	--	0.71 U	1.8 U	0.28 U	0.3 U	0.42 UJ	0.34 U	0.35 U	0.32 U
MRC-MW34A-03162012	MRC-MW34A	20120316	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW-34A-032816	MRC-MW34A	20160328	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 U	0.48 U	--	0.99 U	0.94 U	0.35 U	0.29 U	0.44 U	0.38 U	0.43 U	0.25 U
MRC-MW-34A-041315	MRC-MW34A	20150413	0.36 U	0.2 U	--	0.2 U	0.2 U	0.81 U	1.7 U	0.2 U	0.67 U	1.3 U	0.2 U	0.32 U	0.29 UJ	0.22 U	0.45 U	0.29 U
MRC-MW34A-042011	MRC-MW34A	20110420	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	3.3 B	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW34A-051214	MRC-MW34A	20140512	0.36 U	0.2 U	--	0.2 U	0.2 U	0.81 U	1.7 U	0.2 UJ	0.67 U	1.3 U	0.2 U	0.32 U	0.29 U	0.22 U	0.45 U	0.29 U
MRC-MW34A-061510	MRC-MW34A	20100615	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	3.6 B	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW34A-072808	MRC-MW34A	20080728	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	1.8 B	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW34A-082509	MRC-MW34A	20090825	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	2.4 B	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW34A-110607	MRC-MW34A	20071106	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW34A-20130315	MRC-MW34A	20130315	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW34B-031517	MRC-MW34B	20170315	0.3 U	0.3 U	--	0.32 U	0.23 U	1 U	1.2 U	--	0.71 U	1.8 U	0.28 U	0.3 U	0.42 U	0.34 U	3.9	0.32 U
MRC-MW34B-040312	MRC-MW34B	20120403	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.5 J	0.24 J	0.15 U	0.41 U	0.13 U	3.7	0.15 U
MRC-MW-34B-041315	MRC-MW34B	20150413	0.36 U	0.2 U	--	0.2 U	0.2 U	0.81 U	1.7 U	0.2 U	0.67 U	1.3 U	0.21 J	0.32 U	0.29 UJ	0.22 U	2.9	0.29 U
MRC-MW-34B-041916	MRC-MW34B	20160419	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 U	0.48 U	--	0.99 U	0.94 U	0.35 U	0.29 U	0.44 U	0.38 U	2.7	0.25 U
MRC-MW34B-050211	MRC-MW34B	20110502	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	2.5 B	0.13 U	0.15 U	0.41 U	0.13 U	**13**	0.15 U
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	0.36 U	0.2 U	--	0.2 U	0.2 U	0.81 U	1.7 U	0.2 UJ	0.67 U	1.3 U	0.23 J	0.32 U	0.29 U	0.22 U	**5.4**	0.29 U
MRC-MW34B-061710	MRC-MW34B	20100617	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	6.9 B	0.13 U	0.15 U	0.41 U	0.13 U	**13**	0.15 U
MRC-MW34B-073108	MRC-MW34B	20080731	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	1.3 B	1 U	1 U	1 U	1 U	**12**	1 U
MRC-MW34B-082509	MRC-MW34B	20090825	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	**17**	0.15 U
MRC-MW34B-102405	MRC-MW34B	20051024	1 U	1 U	--	1 U	1 U	5 UR	5 U	1 U	5 U	5 UR	0.5 J	1 U	2 U	1 U	**25**	0.3 J
MRC-MW34B-110807	MRC-MW34B	20071108	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	2.9 B	1 U	1 U	1 U	1 U	**13**	1 U
MRC-MW34B-20130321	MRC-MW34B	20130321	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 UJ	0.12 U	0.32 U	1.1 UJ	0.13 U	0.15 U	0.41 UJ	0.13 U	**6.3**	0.15 U
MRC-MW34C-031517	MRC-MW34C	20170315	0.3 U	0.3 U	--	0.32 U	0.23 U	1 U	1.2 U	--	0.71 U	1.8 U	0.28 U	0.3 U	0.42 U	0.34 U	0.35 U	0.32 U
MRC-MW34C-040312	MRC-MW34C	20120403	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW-34C-041315	MRC-MW34C	20150413	0.36 U	0.2 U	--	0.2 U	0.2 U	0.81 U	1.7 U	0.2 U	0.67 U	1.3 U	0.2 U	0.32 U	0.29 UJ	0.22 U	0.45 U	0.29 U
MRC-MW-34C-041916	MRC-MW34C	20160419	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 U	0.48 U	--	0.99 U	0.94 U	0.35 U	0.29 U	0.44 U	0.38 U	0.43 U	0.25 U
MRC-MW34C-050511	MRC-MW34C	20110505	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	0.36 U	0.2 U	--	0.2 U	0.2 U	0.81 U	1.7 U	0.2 UJ	0.67 U	1.3 U	0.2 U	0.32 U	0.29 U	0.22 U	0.45 U	0.29 U
MRC-MW34C-061710	MRC-MW34C	20100617	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	5.5 B	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW34C-073108	MRC-MW34C	20080731	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW34C-103105	MRC-MW34C	20051031	1 U	1 U	--	1 U	1 U	5 UR	5 U	1 U	5 U	9 B	1 U	1 U	2 U	1 U	1 U	1 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)															
			CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CYCLOHEXANE	ETHYL TERT-BUTYL ETHER	FLUORODICHLOROMETHANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	1.8	NC	NC	NC	NC	NC	2.6	NC	NC	11070	98.1	1.1	128	NC	NC
		AWQC	NC	2000	NC	NC	NC	NC	NC	NC	NC	NC	NC	1000	NC	NC	NC	NC
MRC-MW32A-072808	MRC-MW32A	20080728	1 U	1 U	1 U	1 U	--	--	--	1 U	2 U	--	5 U	1 U	1 U	1 U	1 U	1 U
MRC-MW32A-102507	MRC-MW32A	20071025	1 U	1 U	1 U	1 U	--	5 U	--	1 U	2 U	--	5 U	1 U	1 U	1 U	1 U	1 U
MRC-MW32A-20130315	MRC-MW32A	20130315	0.29 U	0.16 U	0.3 U	0.17 U	--	--	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW-33-060905	MRC-MW33A	20050609	2 U	1 U	2 U	1 U	--	1 U	--	1 U	2 U	--	2 U	2 U	1 U	1 U	1 U	1 U
MRC-MW33-111505	MRC-MW33A	20051115	2 U	1 U	2 U	1	--	1 U	--	1 U	2 U	--	2 J	2 U	1 U	1 U	1 U	1 U
MRC-MW33A-031017	MRC-MW33A	20170310	0.41 UJ	0.31 U	0.43 U	2.8	0.44 U	--	--	0.21 U	--	0.45 U	4.5	0.53 U	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	0.29 U	0.16 U	0.3 U	3	--	0.11 U	--	0.13 U	0.24 U	--	4.8 J	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW-33A-032916	MRC-MW33A	20160329	0.32 U	0.25 U	0.44 U	2.1	0.45 U	--	--	0.35 U	--	0.43 U	4.2	0.33 U	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	1 U	1 U	1 U	1.1	1 U	--	--	1 U	2 U	1 UJ	1.9	1 U	--	--	1 U	--
MRC-MW33A-042711	MRC-MW33A	20110427	0.29 U	0.16 U	0.3 U	1.9	--	0.11 U	--	0.13 U	0.24 U	--	1.2 J	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW33A-050814	MRC-MW33A	20140508	0.24 U	0.25 U	0.21 U	0.67 J	--	0.2 U	--	0.2 U	0.33 U	--	1.2	0.32 U	0.2 U	0.2 U	0.2 U	0.27 UJ
MRC-MW33A-060110	MRC-MW33A	20100601	0.29 U	0.16 U	0.3 U	1.2	--	0.11 U	--	0.13 U	0.24 U	--	5.3	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW33A-072808	MRC-MW33A	20080728	1 U	1 U	1 U	0.87 J	--	--	--	1 U	2 U	--	1.3 J	1 U	1 U	1 U	1 U	1 U
MRC-MW33A-102607	MRC-MW33A	20071026	1 U	1 U	1 U	0.81 J	--	5 U	--	1 U	2 U	--	0.87 J	1 U	1 U	1 U	1 U	1 U
MRC-MW33A-20130315	MRC-MW33A	20130315	0.29 U	0.16 U	0.3 U	2.4	--	--	--	0.13 U	0.24 U	--	3.8	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW-34-060905	MRC-MW34A	20050609	2 U	1 U	2 U	0.5 J	--	1 U	--	1 U	2 U	--	2 U	2 U	1 U	1 U	1 U	1 U
MRC-MW34-111405	MRC-MW34A	20051114	2 U	1 U	2 U	1 U	--	1 U	--	1 U	2 U	--	2 U	2 U	1 U	1 U	1 U	1 U
MRC-MW34A-031017	MRC-MW34A	20170310	0.41 UJ	0.31 U	0.43 U	0.3 U	0.44 U	--	--	0.21 U	--	0.45 U	0.27 U	0.53 U	--	--	--	--
MRC-MW34A-031017-AVG	MRC-MW34A	20170310	0.41 U	0.31 U	0.43 U	0.3 U	0.44 U	--	--	0.21 U	--	0.45 U	0.27 U	0.53 U	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	0.41 UJ	0.31 U	0.43 U	0.3 U	0.44 U	--	--	0.21 U	--	0.45 U	0.27 U	0.53 U	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	0.29 UJ	0.16 U	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW-34A-032816	MRC-MW34A	20160328	0.32 U	0.25 U	0.44 U	0.26 U	0.45 U	--	--	0.35 U	--	0.43 U	0.2 U	0.33 U	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	0.24 U	0.25 U	0.21 U	0.3 U	--	0.2 U	--	0.2 U	0.33 U	--	0.29 U	0.6 U	0.2 U	0.2 U	0.2 U	0.27 U
MRC-MW34A-042011	MRC-MW34A	20110420	0.29 U	0.16 U	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW34A-051214	MRC-MW34A	20140512	0.24 U	0.25 U	0.21 U	0.3 U	--	0.2 U	--	0.2 U	0.33 U	--	0.29 U	0.32 U	0.2 U	0.2 U	0.2 U	0.27 UJ
MRC-MW34A-061510	MRC-MW34A	20100615	0.29 U	0.16 U	0.3 J	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW34A-072808	MRC-MW34A	20080728	1 U	1 U	1 U	0.26 J	--	--	--	1 U	2 U	--	5 U	1 U	1 U	1 U	1 U	1 U
MRC-MW34A-082509	MRC-MW34A	20090825	0.29 U	0.16 U	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW34A-110607	MRC-MW34A	20071106	1 U	1 U	1 U	1 U	--	5 U	--	1 U	2 U	--	5 U	1 U	1 U	1 U	1 U	1 U
MRC-MW34A-20130315	MRC-MW34A	20130315	0.29 U	0.16 U	0.3 U	0.17 U	--	--	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW34B-031517	MRC-MW34B	20170315	0.41 U	1.4	0.43 U	13	0.44 U	--	--	0.21 U	--	0.45 U	23	0.53 U	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	0.29 U	1.7	0.3 U	19	--	0.11 U	--	0.13 U	0.24 U	--	16	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW-34B-041315	MRC-MW34B	20150413	0.24 U	1.2	0.21 U	13	--	0.2 U	--	0.2 U	0.33 U	--	19	0.6 U	0.2 U	0.2 U	0.2 U	0.27 U
MRC-MW-34B-041916	MRC-MW34B	20160419	0.32 U	1.1	0.44 U	14	0.45 UJ	--	--	0.35 U	--	0.43 UJ	21	0.33 U	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	0.29 U	**3.5**	0.3 U	17	--	0.11 U	--	0.13 U	0.24 U	--	12 J	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	0.24 U	**1.9**	0.21 U	15	--	0.2 U	--	0.2 U	0.33 U	--	18	0.32 U	0.2 U	0.2 U	0.2 U	0.27 UJ
MRC-MW34B-061710	MRC-MW34B	20100617	0.29 U	**3.2**	0.38 J	22	--	0.11 U	--	0.13 U	0.24 U	--	21	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW34B-073108	MRC-MW34B	20080731	1 U	**3.2**	1 U	22	--	--	--	1 U	2 U	--	27	1 U	1 U	1 U	1 U	1 U
MRC-MW34B-082509	MRC-MW34B	20090825	0.29 U	**4.3**	0.3 U	23	--	0.11 U	--	0.13 U	0.24 U	--	19	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW34B-102405	MRC-MW34B	20051024	2 U	**7**	0.4 B	28	--	1 U	--	1 U	2 U	--	54	2 U	2 B	1 U	1 U	1 U
MRC-MW34B-110807	MRC-MW34B	20071108	1 U	**3.5**	1 U	29	--	5 U	--	1 U	2 U	--	32	1 U	1 U	1 U	1 U	1 U
MRC-MW34B-20130321	MRC-MW34B	20130321	0.29 U	1.8	0.3 U	18	--	--	--	0.13 U	0.24 U	--	21	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW34C-031517	MRC-MW34C	20170315	0.41 U	0.31 U	0.43 U	0.3 U	0.44 U	--	--	0.21 U	--	0.45 U	0.27 U	0.53 U	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	0.29 U	0.16 U	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW-34C-041315	MRC-MW34C	20150413	0.24 U	0.25 U	0.21 U	0.3 U	--	0.2 U	--	0.2 U	0.33 U	--	0.29 U	0.6 U	0.2 U	0.2 U	0.2 U	0.27 U
MRC-MW-34C-041916	MRC-MW34C	20160419	0.32 U	0.25 U	0.44 U	0.26 U	0.45 UJ	--	--	0.35 U	--	0.43 UJ	0.2 U	0.33 U	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	0.29 U	0.16 U	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	0.24 U	0.25 U	0.21 U	0.3 U	--	0.2 U	--	0.2 U	0.33 U	--	0.29 U	0.32 U	0.2 U	0.2 U	0.2 U	0.27 UJ
MRC-MW34C-061710	MRC-MW34C	20100617	0.29 U	0.16 U	0.39 J	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW34C-073108	MRC-MW34C	20080731	1 U	1 U	1 U	1 U	--	--	--	1 U	2 U	--	5 U	1 U	1 U	1 U	1 U	1 U
MRC-MW34C-103105	MRC-MW34C	20051031	2 U	**3**	2 U	1 U	--	1 U	--	1 U	2 U	--	2 U	2 U	1 U	1 U	1 U	1 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	111	2	590	13	13	970	21	NC	16	930
		AWQC	NC	29	520	NC	NC	NC	4000	7	NC	NC	1.6
MRC-MW32A-072808	MRC-MW32A	20080728	20 UR	1 U	1 U	--	2 U	--	1 U	0.53 B	1 U	2 U	1 U
MRC-MW32A-102507	MRC-MW32A	20071025	20 UR	1 U	1 U	--	2 U	--	1 U	0.45 J	1 U	2 U	1 U
MRC-MW32A-20130315	MRC-MW32A	20130315	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.62 J	0.21 UJ	0.19 U	0.22 U
MRC-MW-33-060905	MRC-MW33A	20050609	5 UR	1 U	1 U	2 U	3 U	--	1 U	0.7 B	2 U	1 U	2 U
MRC-MW33-111505	MRC-MW33A	20051115	5 UR	1 U	1 U	1 J	3 U	--	1 U	2	2 U	1 U	2 U
MRC-MW33A-031017	MRC-MW33A	20170310	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	2.5	0.5 U	--	0.45 U
MRC-MW33A-03192012	MRC-MW33A	20120319	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	2.8	0.21 U	0.19 UR	0.22 U
MRC-MW-33A-032916	MRC-MW33A	20160329	--	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	2.2	0.49 U	--	0.29 U
MRC-MW-33A-041515	MRC-MW33A	20150415	--	1 U	1 U	--	--	--	1 U	1.1	1 U	--	1 U
MRC-MW33A-042711	MRC-MW33A	20110427	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	1.5	0.21 U	0.19 U	0.22 U
MRC-MW33A-050814	MRC-MW33A	20140508	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	0.6 J	0.2 U	1.1 U	0.32 U
MRC-MW33A-060110	MRC-MW33A	20100601	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.99 J	0.21 U	0.19 U	0.22 U
MRC-MW33A-072808	MRC-MW33A	20080728	20 UR	1 U	1 U	--	2 U	--	1 U	1.3 B	1 U	2 U	1 U
MRC-MW33A-102607	MRC-MW33A	20071026	20 UR	1 U	1 U	--	2 U	--	1 U	1.2	1 U	2 U	1 U
MRC-MW33A-20130315	MRC-MW33A	20130315	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	2.8	0.21 UJ	0.19 U	0.22 U
MRC-MW-34-060905	MRC-MW34A	20050609	5 UR	1 U	1 U	2 U	3 U	--	1 U	**23**	2 U	1 U	2 U
MRC-MW34-111405	MRC-MW34A	20051114	5 UR	1 U	1 U	2 U	3 U	--	1 U	**25**	2 U	1 U	2 U
MRC-MW34A-031017	MRC-MW34A	20170310	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	**17**	0.5 U	--	0.45 U
MRC-MW34A-031017-AVG	MRC-MW34A	20170310	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	**17**	0.5 U	--	0.45 U
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	**17**	0.5 U	--	0.45 U
MRC-MW34A-03162012	MRC-MW34A	20120316	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	**17**	0.21 U	0.19 U	0.22 U
MRC-MW-34A-032816	MRC-MW34A	20160328	--	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	**16**	0.49 U	--	0.29 U
MRC-MW-34A-041315	MRC-MW34A	20150413	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	**14**	0.2 U	1.1 U	0.32 U
MRC-MW34A-042011	MRC-MW34A	20110420	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	**19**	0.21 U	0.19 U	0.22 U
MRC-MW34A-051214	MRC-MW34A	20140512	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	**14**	0.2 U	1.1 U	0.32 U
MRC-MW34A-061510	MRC-MW34A	20100615	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	**15**	0.21 U	0.19 U	0.22 U
MRC-MW34A-072808	MRC-MW34A	20080728	20 UR	1 U	1 U	--	2 U	--	1 U	**23**	1 U	2 U	1 U
MRC-MW34A-082509	MRC-MW34A	20090825	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	**20**	0.21 U	0.19 U	0.22 U
MRC-MW34A-110607	MRC-MW34A	20071106	20 UR	1 U	1 U	--	2 U	--	1 U	**20**	1 U	2 U	1 U
MRC-MW34A-20130315	MRC-MW34A	20130315	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	**20**	0.21 UJ	0.19 U	0.22 U
MRC-MW34B-031517	MRC-MW34B	20170315	--	0.3 U	0.23 U	--	0.24 U	--	0.8 J	**14**	0.5 U	--	1.5
MRC-MW34B-040312	MRC-MW34B	20120403	7.3 J	0.29 U	0.13 U	--	0.28 U	--	1.6	**21**	0.21 U	0.19 UR	**2.7**
MRC-MW-34B-041315	MRC-MW34B	20150413	11 U	0.3 U	0.2 U	--	0.53 U	--	0.94 J	**15**	0.2 U	1.1 U	**2.2**
MRC-MW-34B-041916	MRC-MW34B	20160419	--	0.31 U	0.23 U	--	0.52 U	0.52	0.97 J	**15**	0.49 U	--	**2.3**
MRC-MW34B-050211	MRC-MW34B	20110502	9.3 J	0.29 U	0.13 U	--	0.28 U	--	1.3	**21**	0.21 U	0.19 U	**2.4**
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	11 U	0.3 U	0.2 U	--	0.53 U	--	1.1	**16**	0.2 U	1.1 U	**2.2**
MRC-MW34B-061710	MRC-MW34B	20100617	31 L	0.29 U	0.13 U	--	0.28 U	--	1.9	**25**	0.21 U	0.19 U	**3.8**
MRC-MW34B-073108	MRC-MW34B	20080731	18 L	1 U	1 U	--	2 U	--	1.6	**27**	1 U	2 U	**4.2**
MRC-MW34B-082509	MRC-MW34B	20090825	21 L	0.29 U	0.13 U	--	0.28 U	--	1.7	**28**	0.21 U	0.19 U	**3.5**
MRC-MW34B-102405	MRC-MW34B	20051024	52 L	1 U	0.4 J	31	3 U	--	2	**32**	2 U	1 U	**7**
MRC-MW34B-110807	MRC-MW34B	20071108	35 L	1 U	1 U	--	2 U	--	1.9	**35**	1 U	2 UJ	**4.5**
MRC-MW34B-20130321	MRC-MW34B	20130321	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	**19**	0.21 U	0.19 UR	**2.7**
MRC-MW34C-031517	MRC-MW34C	20170315	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.33 U	0.5 U	--	0.45 U
MRC-MW34C-040312	MRC-MW34C	20120403	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	0.21 U	0.19 UR	0.22 U
MRC-MW-34C-041315	MRC-MW34C	20150413	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	0.22 U	0.2 U	1.1 U	0.32 U
MRC-MW-34C-041916	MRC-MW34C	20160419	--	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.22 U	0.49 U	--	0.29 U
MRC-MW34C-050511	MRC-MW34C	20110505	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	0.22 U	0.2 U	1.1 U	0.32 U
MRC-MW34C-061710	MRC-MW34C	20100617	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U
MRC-MW34C-073108	MRC-MW34C	20080731	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	1 U	2 U	1 U
MRC-MW34C-103105	MRC-MW34C	20051031	5 UR	1 U	1 U	2 U	3 U	--	1 U	1 U	2 U	1 U	2 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURA	DISSOLVED METALS (UG/L)													
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MOLYBDENUM	NICKEL	SELENIUM	VANADIUM
			MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	340	NC	NC	1.8	16	NC	13	NC	65	NC	NC	470	20	NC
		NRWQC Chronic	NC	NC	150	NC	NC	0.72	11	NC	9	NC	2.5	NC	NC	52	5	NC
		BTAG	3E-06	30	5	4	0.66	0.25	85	23	9	300	2.5	120	73	52	1	20
		AWQC	5E-06	640	0.14	NC	NC	NC	NC	NC	NC	NC	NC	100	NC	4600	4200	NC
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	0.38 B	1 UL	**27.7**	**0.95**	0.22 B	2.2 B	20.6	0.42 B	--	0.27 B	--	0.2 U	32.9	1.2 U	0.75 B
MRC-MW36-111505	MRC-MW36A	20051115	--	4.11 U	3.45 UL	**31.6**	0.35 UL	0.4 U	1.01 U	**29.3**	1.74 U	--	1.65 UJ	--	2 U	44.6	3.59 U	1.36 U
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	--	0.055 B	0.44 B	**25.4**	**2.8**	0.093 B	0.36 B	**33.6**	2 K	13.6 B	0.22 B	49.3	0.12 U	47	0.24 B	0.69
MRC-MW36A-082609	MRC-MW36A	20090826	--	0.06 B	0.21 U	**30.6**	**3.4**	0.074 B	0.32 B	**41.5**	3.2 B	121 B	0.19 B	43.6	0.2 U	**53.2**	0.28	0.6 U
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	--	0.11 B	1 UL	**72**	**3.5**	0.62 B	1.6 B	**79**	3.5	--	0.57 B	--	0.2 U	**95.2**	1.2 U	0.35 UL
MRC-MW37-111405	MRC-MW37A	20051114	--	4.11 U	3.45 U	**62.1**	4.3 B	0.4 U	1.01 U	**64**	6.4 B	--	1.8	--	2 U	**77.3**	3.59 UL	1.36 U
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-AVG	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	2 U	**0.35**	**35**	**1.4**	**0.34**	0.42 B	17	1.8 B	263	0.31 B	**117**	2 U	16.9	0.26 B	0.7
MRC-MW37A-082709	MRC-MW37A	20090827	--	0.055 U	0.21 U	**33.8**	**1.5**	0.12 B	0.34 B	17.2	1.4 B	36.3 B	0.2 B	**112**	0.2 U	15.9	0.47	0.6 U
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43-061505	MRC-MW43A	20050615	--	0.24 B	1 UL	**26.6**	**1.2**	0.05 U	0.8 B	12.4	1.6 B	--	0.05 UL	--	0.7 B	20.8	1.2 U	0.35 U
MRC-MW43-111505	MRC-MW43A	20051115	--	4.11 U	3.45 UL	**30.3**	0.35 UL	0.4 U	1.01 U	**24.6**	1.74 U	--	1.65 UJ	--	2 U	33.8	3.59 U	1.36 U
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	--	0.13 B	0.64 B	**28.5**	1.3 B	0.062 B	0.47 B	**33**	0.36 B	**3730**	0.087 B	**762**	0.12 U	30.8	0.16 B	1
MRC-MW43A-082109	MRC-MW43A	20090821	--	0.055 U	0.21 U	**29.5**	**0.77**	0.049 B	0.095 B	**36.6**	0.56 B	**4950**	0.074 B	**830**	0.2 U	34.6	0.14 U	0.6 U
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	0.46 B	1 U	**43.9**	0.05 U	0.14 B	2.2	1.2	0.22 B	--	0.05 U	--	0.51 B	1.5	1.2 U	0.6 B
MRC-MW44-111505	MRC-MW44A	20051115	--	4.11 U	3.45 UL	**81.4**	0.35 UL	0.4 U	1.8	1.12 U	1.74 U	--	1.65 UJ	--	2 U	1.7	3.59 U	1.4
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	FILTERED (0.10) METALS (UG/L)															
			ZINC	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	COBALT	COPPER	LEAD	NICKEL	VANADIUM	ZINC	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	120	340	NC	NC	2	NC	13	65	470	NC	120	340	NC	NC	2	16
		NRWQC Chronic	120	150	NC	NC	0.25	NC	9	2.5	52	NC	120	150	NC	NC	0.25	11
		BTAG	120	5	4	0.66	0.25	23	9	2.5	52	20	120	5	4	0.66	0.25	85
		AWQC	26000	0.14	NC	NC	NC	NC	NC	NC	4600	NC	26000	0.14	NC	NC	NC	NC
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	--	--	--	1.1	12	0.02 U	0.014 U	2.5
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	56.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	63.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	79.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	83.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	--	--	--	0.4 B	26.1	2.4	0.091 B	0.21 B
MRC-MW37-062105	MRC-MW37A	20050621	136	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-AVG	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	43.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	31.7 B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	--	--	--	--	--	--	--	0.27 U	41.8	3.5	0.22 B	0.9 B
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43-061505	MRC-MW43A	20050615	92.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43-111505	MRC-MW43A	20051115	42.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	46.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	52.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	--	--	--	0.36 B	21.4	0.75	0.034 B	0.054 U
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	3.6 B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44-111505	MRC-MW44A	20051115	14.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	FILTERED (0.45) METALS (UG/L)															
			COBALT	COPPER	LEAD	MOLYBDENUM	NICKEL	SELENIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	13	65	NC	470	20	NC	120	750	NC	340	NC	NC	2	NC	16
		NRWQC Chronic	NC	9	2.5	NC	52	5	NC	120	87	NC	150	NC	NC	0.25	NC	11
		BTAG	23	9	2.5	73	52	1	20	120	87	30	5	4	0.66	0.25	116000	85
		AWQC	NC	NC	NC	NC	4600	4200	NC	26000	NC	640	0.14	NC	NC	NC	NC	NC
MRC-MW34C-110807	MRC-MW34C	20071108	0.013 U	0.15 B	0.015 U	1.6 B	0.98	1.6 U	**49.9**	1.7 B	--	0.12 B	**0.85 L**	**12.6**	0.027 B	0.047 B	--	2.7 J
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	--	--	--	--	--	--	--	0.45 B	1 UL	**29.9**	**1**	0.05 UL	--	4.3 B
MRC-MW36-111505	MRC-MW36A	20051115	--	--	--	--	--	--	--	--	--	4.11 U	3.45 UL	**32.4**	0.35 UL	0.4 U	--	1.01 U
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	--	--	--	--	--	0.13 U	**0.64 J**	**32**	**3.3**	0.13 U	3400 J	0.71 U
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	--	--	--	--	--	0.13 U	**0.56 J**	**30.3**	**3 L**	0.13 U	--	0.88 J
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	--	--	--	--	--	0.57 B	**1.8 J**	**51**	**3.4**	0.073 B	--	**12**
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	--	--	--	--	--	--	--	0.059 B	0.47 B	**25.8**	**2.6**	0.072 B	--	1.4 B
MRC-MW36A-082609	MRC-MW36A	20090826	--	--	--	--	--	--	--	--	--	0.088 B	0.21 U	**33.5**	**3.6**	0.08 B	--	0.24 B
MRC-MW36A-102507	MRC-MW36A	20071025	**32.2**	1.7 B	0.23	5 B	44.3	1.6 U	0.25 U	68.3	--	0.062 B	0.42 B	**28.6**	**2.4**	0.086 B	--	0.33 B
MRC-MW37-062105	MRC-MW37A	20050621	--	--	--	--	--	--	--	--	--	0.11 B	1 UL	**71.2**	**3.4**	0.7 B	--	2.1 B
MRC-MW37-111405	MRC-MW37A	20051114	--	--	--	--	--	--	--	--	--	4.11 U	3.45 U	**59.3**	4.2 B	0.4 U	--	1.2 B
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	--	--	--	--	--	--	2.8	**2.1 J**	**40**	0.4 U	0.33 U	**1E+05**	1.8 U
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	--	--	--	--	--	0.22 B	**2.3 J**	**63**	**1.3 K**	0.16 J	45000	5.1
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	0.16 U	**1.3 J**	**35**	0.52 U	0.13 U	91000	0.87 J
MRC-MW-37A-041816-AVG	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	0.16 U	**1.35**	**36.5**	0.525 U	0.12 U	94000	0.92
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	0.16 U	**1.4 J**	**38**	0.53 U	0.11 U	97000	0.97 J
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	**31.5**	0.51 J	0.13 U	--	1.1 J
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	--	--	--	--	--	0.74 U	**1.7 J**	**46**	0.39 J	0.37 U	--	2.3
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	--	--	--	--	--	0.14 B	0.31 B	**32.4**	**0.84 J**	0.14 B	--	0.91 J
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	--	--	0.288 U	1.7 U	**59.6**	0.571 J	**0.289 J**	--	6 U
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	--	--	--	--	--	--	--	0.043 B	**0.88**	**36.7**	**1.5**	**0.28**	--	2.4
MRC-MW37A-082709	MRC-MW37A	20090827	--	--	--	--	--	--	--	--	--	0.072 B	0.21 U	**32**	**1.5**	0.16 B	--	0.45 B
MRC-MW37A-110607	MRC-MW37A	20071106	**38.8**	3.5	0.33	7	35.2	1.6 UL	0.25 U	68	--	0.14 B	0.27 U	**42.1**	**3.5**	0.22	--	0.4 B
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	--	--	--	--	--	--	--	0.3 U	0.9 U	**45**	0.43 J	0.1 U	43000	0.9 U
MRC-MW-43-061505	MRC-MW43A	20050615	--	--	--	--	--	--	--	--	--	0.31 B	1 UL	**27.1**	**1.2**	0.05 U	--	0.99 B
MRC-MW43-111505	MRC-MW43A	20051115	--	--	--	--	--	--	--	--	--	4.11 U	3.45 UL	**28.6**	0.35 UL	0.4 U	--	1.4
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	--	--	--	--	--	--	--	0.37 B	**0.9 J**	**37**	**1.4**	**0.46 J**	4200 J	0.71 U
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	**39.6**	**1.2**	0.13 U	--	0.71 U
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	--	--	--	--	--	0.027 U	0.16 U	**37.9**	**1.6**	0.06 B	--	0.26 B
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	--	--	--	--	--	--	--	0.19 B	0.53 B	**28**	1.4 B	0.086 B	--	0.76 B
MRC-MW43A-082109	MRC-MW43A	20090821	--	--	--	--	--	--	--	--	--	0.055 U	0.21 U	**31.3**	**0.7**	0.065 B	--	0.22 B
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	**27**	0.31 B	0.14	5.2 B	23	1.6 U	0.25 U	33.8	--	0.048 U	0.27 U	**21.9**	**0.87**	0.027 B	--	0.054 U
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	--	--	--	--	--	--	--	--	0.93 B	**1.1 L**	**99.4**	0.1 B	0.05 U	--	2.5 B
MRC-MW44-111505	MRC-MW44A	20051115	--	--	--	--	--	--	--	--	--	4.11 U	3.45 UL	**78.5**	0.35 UL	0.4 U	--	2
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	0.13 U	**1.7 J**	**110**	0.2 U	0.13 U	--	1.1 J
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	0.13 U	**2.9 J**	**105**	0.2 U	0.13 U	--	1.7 B
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	0.095 B	**1.6 J**	**102**	0.12 B	0.025 UL	--	1.4 J

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)															
			COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE	SILVER	SODIUM	THALLIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	13	NC	65	NC	NC	NC	NC	470	NC	20	NC	NC	3.2	NC	NC
		NRWQC Chronic	NC	9	NC	2.5	NC	NC	NC	NC	52	NC	5	NC	NC	NC	NC	NC
		BTAG	23	9	300	2.5	82000	120	0.026	73	52	53000	1	NC	NC	3.2	680000	0.8
		AWQC	NC	NC	NC	NC	NC	100	NC	NC	4600	NC	4200	NC	NC	NC	NC	0.47
MRC-MW34C-110807	MRC-MW34C	20071108	0.4 J	1 B	--	0.22 J	--	--	0.1 UL	0.66 UL	1.8 J	--	1.6 U	--	--	0.021 UL	--	0.023 U
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	19.1	6.9	--	1.3 B	--	--	0.04 B	1.1 B	30.3	--	1.2 U	--	--	0.05 B	--	0.25 UL
MRC-MW36-111505	MRC-MW36A	20051115	**30.7**	1.74 U	--	1.65 UJ	--	--	0.02 U	2 U	45.8	--	3.59 U	--	--	1.04 U	--	6.13 UL
MRC-MW36A-040312	MRC-MW36A	20120403	**44**	3.1 B	160 J	0.18 J	4500 J	32	0.12 U	0.093 U	49	610 J	0.57 U	--	19000	0.08 U	18000	0.14 U
MRC-MW36A-050211	MRC-MW36A	20110502	**41.9**	3.1 B	**573 J**	0.18 UL	--	35.2	0.12 U	0.093 U	48.5	586 J	1.2 UL	--	--	0.08 U	--	0.14 U
MRC-MW36A-060310	MRC-MW36A	20100603	**38.4**	**10.6**	**13400**	**3.5**	--	81.2	0.1 U	0.46 J	**52.8**	2260	0.64 J	--	--	0.015 U	--	0.29 B
MRC-MW36A-073108	MRC-MW36A	20080731	**30.4**	2.8 B	**1180**	0.49 B	--	43.4	0.1 U	0.12 U	41.5	--	0.3 B	--	--	0.003 U	--	0.11 U
MRC-MW36A-082609	MRC-MW36A	20090826	**46.1**	2.9 B	215	0.21 B	--	42.1	0.1 U	0.39 B	**56.5**	966 K	0.26	--	--	0.033 U	--	0.12 U
MRC-MW36A-102507	MRC-MW36A	20071025	**34.1**	1.9 B	--	0.17	--	--	0.1 U	0.66 U	46.9	--	1.6 U	--	--	0.021 UL	--	0.023 U
MRC-MW37-062105	MRC-MW37A	20050621	**80**	3.8	--	0.36 B	--	--	0.24 B	0.2 U	**96.2**	--	1.2 U	--	--	0.05 UL	--	0.46 B
MRC-MW37-111405	MRC-MW37A	20051114	**62.1**	4.7 B	--	1.65 U	--	--	0.21 B	2 U	**73.4**	--	3.59 UL	--	--	1.04 U	--	7.1 B
MRC-MW37A-032917	MRC-MW37A	20170329	2.1	2.4	**690 J**	1.1	24000	15	0.13 U	0.89 U	2.3	7300 J	**5.6**	--	3800 J	0.033 U	15000	0.28 U
MRC-MW37A-040312	MRC-MW37A	20120403	6.3	6.7	**5400**	**4.4**	9200	66	0.12 U	0.24 B	5	5600	**1.4 J**	--	20000	0.08 U	15000	0.26 B
MRC-MW-37A-041816	MRC-MW37A	20160418	2.4	0.75 U	**630**	0.6 U	18000	14 U	0.09 U	0.23 U	2.5	6300	**7.5**	--	5100	0.02 U	18000	0.074 U
MRC-MW-37A-041816-AVG	MRC-MW37A	20160418	2.5	0.578	**665**	0.62 U	18500	11	0.09 U	0.23 U	2.6	6500	**7.7**	--	5250	0.02 U	19000	0.074 U
MRC-MW-37A-041816-D	MRC-MW37A	20160418	2.6	0.78 J	**700**	0.64 U	19000	15	0.09 U	0.23 U	2.7	6700	**7.9**	--	5400	0.02 U	20000	0.074 U
MRC-MW37A-050211	MRC-MW37A	20110502	3.9	1.8 B	**794 J**	0.58 J	--	40.1	0.12 U	0.83 B	3 K	4350 K	1.2 UL	--	--	0.08 U	--	0.14 U
MRC-MW-37A-050415	MRC-MW37A	20150504	3.7 J	1.9 U	**560**	1.1 J	--	28	0.17 U	0.74 U	3.4 J	--	**4.4 J**	--	--	0.74 U	--	0.3 U
MRC-MW37A-060710	MRC-MW37A	20100607	10	2.2 B	**630**	0.037 B	--	77	0.1 U	0.27 U	8.9	4340	0.38 B	--	--	0.015 U	--	0.13 U
MRC-MW37A-061314	MRC-MW37A	20140613	5	5.6	**5600**	**4.5**	--	57.8	0.024 U	0.169 J	6.2	--	**1.4 J**	--	--	0.038 U	--	0.057 J
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	16.2	3.2 B	**2150**	1.1	--	**115**	0.2 U	2 U	16.6 L	--	0.26 B	--	--	1 U	--	1 U
MRC-MW37A-082709	MRC-MW37A	20090827	15.6	1.5 B	**352**	0.35 B	--	**108**	0.1 U	0.2 U	14.4	5070	0.34	--	--	0.033 U	--	0.12 U
MRC-MW37A-110607	MRC-MW37A	20071106	**39.7**	3.6	--	0.19 B	--	--	0.1 U	0.66 U	36.1	--	1.6 UL	--	--	0.021 U	--	0.023 U
MRC-MW37A-20130326	MRC-MW37A	20130326	3.2	0.54 J	**510**	0.45 J	8400	33	0.12 U	0.2 U	1.9 J	5100	0.58 J	--	6400	0.1 UL	17000	0.2 U
MRC-MW-43-061505	MRC-MW43A	20050615	12.7	0.86 B	--	0.05 UL	--	--	0.02 U	1.4 B	20.1	--	1.2 U	--	--	0.05 UL	--	0.25 UL
MRC-MW43-111505	MRC-MW43A	20051115	**26**	1.74 U	--	1.65 UJ	--	--	0.02 U	2 U	36.8	--	3.59 U	--	--	1.04 U	--	6.13 UL
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	**43**	0.55 B	**5500**	0.53 J	2900 J	**960**	0.12 U	0.65 B	43	3700 J	0.92 J	--	14000	0.08 U	27000	0.75 B
MRC-MW43A-041311	MRC-MW43A	20110413	**45.7**	3.4 B	**3140**	0.25 J	--	**924**	0.12 U	0.093 U	50.3	3470	1.2 U	--	--	0.08 UL	--	0.14 U
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	**40.3**	0.8 B	**5120**	0.11 B	--	**878**	0.1 U	0.27 U	38.9	4920	0.13 U	--	--	0.015 U	--	0.13 U
MRC-MW43A-073108	MRC-MW43A	20080731	**32.4**	0.27 B	**5180**	0.22 B	--	**722**	0.1 U	0.12 U	31.4	--	0.3 B	--	--	0.059 B	--	0.17 B
MRC-MW43A-082109	MRC-MW43A	20090821	**39.8**	0.28 B	**8570**	0.12 B	--	**942**	0.1 U	0.2 U	38.9	5590	0.14 U	--	--	0.033 U	--	0.12 U
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	**26.7**	0.14 B	--	0.015 U	--	--	0.1 U	0.66 U	22	--	1.6 U	--	--	0.021 UL	--	0.023 U
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	2	1.3	--	0.38 B	--	--	0.02 B	1.2 B	2.1 B	--	1.2 U	--	--	0.05 UL	--	0.25 UL
MRC-MW44-111505	MRC-MW44A	20051115	1.3	1.74 U	--	1.65 UJ	--	--	0.02 U	2 U	1.53 U	--	3.59 U	--	--	1.04 U	--	6.13 UL
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	1	0.29 U	--	0.18 U	--	--	0.12 UL	0.093 U	0.45 J	--	0.57 U	--	--	0.08 U	--	0.14 B
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	0.9 J	0.29 U	--	0.18 UL	--	--	0.12 U	0.093 U	1.2 J	--	1.2 U	--	--	0.08 U	--	0.14 U
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	0.89 J	0.46 B	**33200**	0.13 B	--	**363**	0.1 U	0.27 U	0.44 B	--	0.13 UL	--	--	0.015 U	--	0.13 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE				MICROBIOLOGICAL (CELLS/ML)														
			URANIUM-238	VANADIUM	ZINC	DEHALOBACTER	DEHALOCOCCOIDES	TCE R-DASE	ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON
			UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		NRWQC Acute	NC	NC	120	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.022	NC
		NRWQC Chronic	NC	NC	120	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.0052	NC
		BTAG	2.6	20	120	NC	NC	NC	NC	0.019	0.019	NC	NC	NC	NC	230	0.005	NC
		AWQC	NC	NC	26000	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MRC-MW34C-110807	MRC-MW34C	20071108	--	**48.2**	5.9 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	3.9	46.7	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	--	1.36 U	60.6	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	--	0.48 J	65	--	--	--	10	--	0.077 B	--	--	--	--	16 K	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	--	1.5 J	67.8	--	--	--	4.4 J	--	**0.06 J**	--	--	--	--	19.8 K	--	2
MRC-MW36A-060310	MRC-MW36A	20100603	--	**22.2**	92	--	--	--	7.4	--	0.1 U	--	--	--	--	19.8	--	3
MRC-MW36A-073108	MRC-MW36A	20080731	--	2.7	73.6	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	--	0.6 U	88.5	--	--	--	7.4 B	--	0.1 U	--	--	--	--	27.1	--	2
MRC-MW36A-102507	MRC-MW36A	20071025	--	0.68 B	69.9	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	--	0.62 B	**138 J**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	--	1.36 U	108	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	--	2 J	13 U	--	--	--	84	0.87 U	--	--	--	--	--	13	--	3.3
MRC-MW37A-040312	MRC-MW37A	20120403	--	7.3 J	38 B	--	--	--	31	--	0.08 B	--	--	--	--	85 K	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	--	1.4 J	9.9 U	--	--	--	70	--	0.87 U	--	--	--	--	16	--	3.2
MRC-MW-37A-041816-AVG	MRC-MW37A	20160418	--	1.45	10.45 U	--	--	--	67	--	0.87 U	--	--	--	--	16.5	--	3.2
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	1.5 J	11 U	--	--	--	64	--	0.87 U	--	--	--	--	17	--	3.2
MRC-MW37A-050211	MRC-MW37A	20110502	--	1.3 J	22.5 B	--	--	--	25	--	**0.07 J**	--	--	--	--	8.4	--	3
MRC-MW-37A-050415	MRC-MW37A	20150504	--	2.8	--	--	--	--	39	--	0.054 U	--	--	--	--	33.2	--	2.8
MRC-MW37A-060710	MRC-MW37A	20100607	--	1.2 J	25.6 B	--	--	--	28	--	0.1 U	--	--	--	--	5	--	3
MRC-MW37A-061314	MRC-MW37A	20140613	--	10	--	--	--	--	--	--	**0.046 J**	--	--	60.6	--	--	--	3.9
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	38.7	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	3.7	43.7	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	--	0.6 U	28.3	--	--	--	17 B	--	0.1 U	--	--	--	--	4.7	--	3
MRC-MW37A-110607	MRC-MW37A	20071106	--	0.25 U	69.1	--	--	--	--	--	--	--	--	--	--	5	--	--
MRC-MW37A-20130326	MRC-MW37A	20130326	--	0.8 U	6.4 J	--	--	--	33	--	0.066 B	--	--	--	--	73 K	--	2.9
MRC-MW-43-061505	MRC-MW43A	20050615	--	0.35 U	24.9 J	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43-111505	MRC-MW43A	20051115	--	1.36 U	50.2	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	0.025 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	--	0.62 J	62	--	--	--	21	--	0.037 B	--	--	--	--	50	--	--
MRC-MW43A-041311	MRC-MW43A	20110413	--	0.44 U	79.3	--	--	--	12	**0.05 J**	--	--	--	--	--	53.9 K	--	1
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	0.43 U	62.6	--	--	--	16	--	0.1 U	--	--	--	--	58.9	--	1
MRC-MW43A-073108	MRC-MW43A	20080731	--	0.68	47.9	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	--	0.6 U	58.2	--	--	--	29	--	**0.1**	--	--	--	--	45.4	--	1
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	0.25 U	34.1	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	1.8	7.4 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44-111505	MRC-MW44A	20051115	--	1.6	26.1	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	0.082	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	0.74 J	13 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	1.2 J	12.1 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	1.2 J	69.8 B	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)															
			HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE-N	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL SUSPENDED SOLIDS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		NRWQC Acute	0.016	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	0.011	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	0.011	NC	NC	0.02	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		AWQC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	0.19	0.012 U	0.17 J	--	--	--	--	45	86	--	--	--	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	1E-05 U	--	0.31	0.012 U	0.28 J	4E-04 U	--	--	--	31.1	110	--	--	--	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	0.2 J	0.012 UJ	1.2 J	--	--	--	--	18.9	100	--	--	--	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	--	--	0.3	0.012 U	0.044 UL	--	--	--	--	25.1	110	--	--	--	--	--
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	2.5	0.038 U	0.014 J	--	--	--	--	360	640	--	--	--	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	1.1	0.012 U	0.044 U	--	--	--	--	60	280	--	--	--	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	4.4	0.038 U	0.019 J	--	0.2 J	--	--	250	480	--	--	--	--	--
MRC-MW-37A-041816-AVG	MRC-MW37A	20160418	--	--	4.45	0.038 U	0.011	--	0.185	--	--	250	485	--	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	4.5	0.038 U	0.005 U	--	0.17 J	--	--	250	490	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	4E-05 J	--	1	0.012 U	0.044 U	4E-04 U	--	--	--	66.9	130	--	--	--	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	6.7	0.044 U	0.003 U	--	--	--	--	241	530	--	--	--	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	0.4	0.012 U	0.2 J	--	--	--	--	67.4	150	--	--	--	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	3.25	--	--	--	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	9.6	9.6	0.3 U	0.062	--	--	--	--	185	422	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	--	--	0.7	0.012 U	0.044 U	--	--	--	--	56.9	120	--	--	--	--	--
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	1.2	0.1 U	--	--	--	--	--	54	120	--	3	--	--	4 U
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	0.95	0.012 U	0.044 U	--	--	--	--	63	230	--	--	--	--	--
MRC-MW-43-061505	MRC-MW43A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43-111505	MRC-MW43A	20051115	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	0.056 J	0.012 U	0.25 J	--	--	--	--	5.9	150	--	--	--	--	--
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	0.069 J	0.012 U	0.044 U	--	--	--	--	5.4	130	--	--	--	--	--
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	0.1	0.012 U	0.3 J	--	--	--	--	4.8	140	--	--	--	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	--	--	0.023 U	0.012 U	1.1 J	--	--	--	--	5.4	140	--	--	--	--	--
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44-111505	MRC-MW44A	20051115	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOU	MISCELLANEOUS PARAMETERS		PCB HOMOLOGS (UG/L)						PCB HOMOLOGS, FILTERED		PCBS (UG/L)			
			PH	BROMIDE	PERCHLORATE	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	AROCLOR-1254	AROCLOR-1260	DICHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
			S.U.	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	NC	NC	0.014	0.014
		BTAG	NC	NC	NC	7E-05	NC	NC	7E-05	7E-05	NC	NC	7E-05	7E-05	7E-05	7E-05	7E-05	7E-05
		AWQC	NC	NC	NC	6E-05	NC	NC	6E-05	6E-05	NC	NC	6E-05	6E-05	6E-05	6E-05	6E-05	6E-05
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	0.005 U	0.03 U	0.015 U	0.006 U	0.014 U	0.013 U	0.007 U	--	--	--	--	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-AVG	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43-061505	MRC-MW43A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	0.5 UJ	0.5 UJ	--	--
MRC-MW43-111505	MRC-MW43A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	**0.061 J**	0.03 U	**0.023 J**	**0.26**	**0.2**	**0.05 J**	0.007 J	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	**0.072**	0.011 U	**0.062**	**0.22**	**0.18**	**0.041**	0.017 U	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	**0.12 J**	0.076 U	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	--	--	--	--	--	--	--	--	--	--	0.16 U	0.17 U	--	--
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	--	--	--	--	--	--	--	--	--	--	**0.24 J**	0.17 U	--	--
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	0.5 UJ	0.5 UJ	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	**0.034**	0.012 J	**0.054**	**0.23**	**0.23**	**0.048**	0.012	**0.006**	**0.026**	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	**0.039 J**	0.03 U	0.015 U	**0.13**	**0.13 J**	**0.03 J**	0.007 U	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	0.16 U	0.17 U	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	0.5 UL	0.5 UL	--	--
MRC-MW44-111505	MRC-MW44A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	0.005 U	0.03 U	0.015 U	0.006 U	0.014 U	0.013 U	0.006 U	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	--	--	--	0.15 U	0.16 U	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	0.004 U	0.011 U	0.01 UJ	0.002 U	0.009 U	0.005 U	0.003 U	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	0.029 U	**0.073 J**	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	--	--	--	0.16 U	0.17 U	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	0.48 UJ	0.48 UJ	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	0.004 U	0.011 U	0.01 U	0.002 U	0.009 U	0.005 U	0.003 U	0.004 U	0.002 U	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

						PETROLEUM	PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)				SEMIVOLATILE			
SAMPLE ID	LOCATION ID	SAMPLE DATE	PENTACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND	OIL & GREASE - HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-230	URANIUM-233/234	URANIUM-235	URANIUM-238	1,4-DIOXANE	1,4-DIOXANE	2,4,5-TRICHLOROPHENOL	2,4-DICHLOROPHENOL
			UG/L	UG/L	UG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	0.014	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	7E-05	7E-05	7E-05	NC	NC	NC	NC	NC	NC	2.6	2.6	2.6	NC	22000	NC	11
		AWQC	6E-05	6E-05	6E-05	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	600	60
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	--	--	--	230 J	160 L	--	--	--	--	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	--	--	--	--	--	240	--	280	--	--	--	--	--	2 UL	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	--	--	--	--	--	350	290	--	--	--	--	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	--	--	--	--	--	220	--	190	--	--	--	--	--	2 UL	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	0.057 U	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-AVG	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43-061505	MRC-MW43A	20050615	--	0 U	--	--	--	1800 J	--	--	--	--	--	--	--	--	--	--
MRC-MW43-111505	MRC-MW43A	20051115	--	--	--	--	--	1500	--	--	--	--	--	--	--	2 UL	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	0.075 U	--	-7E-04 U	0.008	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	**0.12**	**0.458**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	--	--	--	--	--	--	--	--	--	--	--	0.49 U	--	--
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041415	MRC-MW43A	20150414	--	0.5 UJ	**2.25**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	0 U	--	--	--	10 UJ	--	--	--	--	--	--	--	--	--	--
MRC-MW44-111505	MRC-MW44A	20051115	--	--	--	--	--	12	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	0.155 U	--	0.002 U	0.028	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	4.7	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	--	--	--	--	3.9	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	1.03 J	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	**0.073**	**0.241**	--	--	--	--	--	--	--	--	--	--	0.25	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	--	--	--	--	2.7	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	0.48 UJ	**2.16**	--	--	--	--	--	--	--	--	--	--	0.18	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	4.6	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)															
			2-CHLOROPHENOL	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	24	4.7	5.8	NC	0.012	NC	NC	0.018	0.015	NC	NC	NC	16	19	NC	NC
		AWQC	800	NC	90	NC	400	NC	NC	0.0013	0.0001	0.0013	NC	0.013	0.37	0.1	NC	NC
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-AVG	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43-061505	MRC-MW43A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43-111505	MRC-MW43A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44-111505	MRC-MW44A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE											TENTATIVELY IDENTIFIED COMPOUNI				
			CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	NC	3.7	210	0.04	3	NC	1.1	0.4	4	0.025	NC	NC	NC	NC	NC
		AWQC	0.13	0.0001	NC	600	20	70	0.0013	NC	NC	300000	30	NC	NC	NC	400	NC
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-AVG	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43-061505	MRC-MW43A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43-111505	MRC-MW43A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44-111505	MRC-MW44A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	OS-VOLATILES (UG/L)				VOLATILE GASES (UG/L)										
			DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	ETHANE	ETHENE	METHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	NC	NC	NC	NC	NC	NC	1200	NC	47	25	8	NC	24	33	0.7
		AWQC	NC	NC	NC	NC	NC	NC	NC	8.9	NC	NC	20000	NC	NC	0.076	NC	3000
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 UJ	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	--	--	--	--	--	--	1 U	1 U	1 U	**29**	1 U	**200**	1 U	**12**
MRC-MW36-111505	MRC-MW36A	20051115	--	--	--	--	--	--	--	--	1 U	1 U	1 U	**18**	1 U	**140**	1 U	**10**
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	0.26 U	0.31 U	17	--	0.28 U	0.15 U	0.19 U	5.5 J	0.006 U	**37 J**	0.12 U	**2.5**
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	0.26 UJ	0.31 UJ	9.2 J	--	0.28 U	0.15 U	0.19 U	5.3	0.006 U	**36**	0.12 U	**2.1**
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	0.26 U	0.31 U	21	--	0.7 U	0.38 U	0.48 U	**16**	0.015 U	**91**	0.3 U	**4.3**
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	--	--	--	--	--	--	2 U	2 U	2 U	**8.1**	10 U	**55**	2 U	**3.3**
MRC-MW36A-082609	MRC-MW36A	20090826	--	--	--	--	0.27 U	0.24 U	14	--	0.56 U	0.3 U	0.38 U	**9.4**	0.012 U	**62**	0.24 U	**3.9**
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	2 U	2 U	2 U	**9**	10 U	**69**	2 U	**4.9**
MRC-MW37-062105	MRC-MW37A	20050621	--	--	--	--	--	--	--	--	3	1 U	1 U	0.4 B	1 U	2 B	1 U	1 U
MRC-MW37-111405	MRC-MW37A	20051114	--	--	--	--	--	--	--	--	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	--	0.14 U	0.13 U	0.08 U	0.34 U	0.41 U	0.25 U	0.27 U	--	--	0.27 UJ	--	0.26 U
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	0.26 U	0.31 U	0.11 J	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	0.14 U	0.13 U	0.081 J	0.3 U	0.56 U	0.38 U	0.56 U	--	--	0.4 U	--	0.31 U
MRC-MW-37A-041816-AVG	MRC-MW37A	20160418	--	--	--	--	0.14 U	0.13 U	0.083	0.3 U	0.56 U	0.38 U	0.56 U	--	--	0.4 U	--	0.31 U
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	0.14 U	0.13 U	0.084 J	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	0.26 UJ	0.31 UJ	0.12 J	--	1.9 U	1 U	1.3 U	1.1 U	0.039 U	1 U	0.8 U	0.87 U
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	0.23 U	0.4 U	0.34 U	0.33 U	0.26 U	0.28 U	0.29 U	0.93 U	--	0.82 U	--	0.38 U
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	0.26 U	0.31 U	0.47 J	--	0.7 U	0.38 U	0.48 U	0.42 U	0.015 U	0.38 U	0.3 U	0.32 U
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	0.2 U	0.11 U	0.21 U	--	0.31 U	0.2 U	0.57 U	0.82 U	--	0.23 U	0.2 U	0.21 U
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	--	--	--	--	--	--	3.3 U	3.3 U	3.3 U	3.3 U	17 U	3.3 U	3.3 U	3.3 U
MRC-MW37A-082709	MRC-MW37A	20090827	--	--	--	--	0.27 U	0.24 U	0.39 J	--	7 U	3.8 U	4.8 U	4.2 U	0.15 U	3.8 U	3 U	3.2 U
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	0.5 U	0.5 U	0.34 J	--	12 U	12 U	12 U	12 U	62 U	12 U	12 U	12 U
MRC-MW37A-20130326	MRC-MW37A	20130326	2.6 NJ	--	--	--	0.1 U	0.37 U	0.12 B	--	0.7 U	0.38 U	0.48 U	0.43 U	0.015 U	0.38 U	0.3 U	0.33 U
MRC-MW-43-061505	MRC-MW43A	20050615	--	--	--	--	--	--	--	--	1 U	1 U	1 U	**1800**	1 U	**10000**	1 U	**360**
MRC-MW43-111505	MRC-MW43A	20051115	--	--	--	--	--	--	--	--	1 U	1 U	1 U	**920**	1 U	**4200**	1 U	**290**
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	**1300**	--	**5300**	--	**310**
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	16 UJ	10 UJ	29 UJ	**1700 J**	--	**8000 J**	10 UJ	**400 J**
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	**1500**	--	**4700**	--	**310**
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	--	--	0.4 J	0.31 U	30	--	70 U	38 U	48 U	**1400**	1.5 U	**6700**	30 U	**340**
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	--	--	0.6 J	0.67 J	38 J	--	93 U	50 U	63 U	**1900**	2 U	**9400**	40 U	**440**
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	0.36 J	0.31 U	36	--	140 U	75 U	95 U	**2000**	3 U	**11000**	60 U	**450 J**
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	--	--	--	--	--	--	330 U	330 U	330 U	**1800**	1700 U	**8800**	330 U	**410**
MRC-MW43A-082109	MRC-MW43A	20090821	--	--	--	--	0.34 J	0.27 J	39	--	93 U	50 U	63 U	**2000**	2 U	**8800**	40 U	**390**
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	250 U	250 U	250 U	**1700**	1200 U	**7900**	250 U	**440**
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW44-111505	MRC-MW44A	20051115	--	--	--	--	--	--	--	--	1 U	1 U	1 U	0.5 B	1 U	2 B	1 U	1 U
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	0.35 U	--	0.27 U	--	0.26 U
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	0.31 UJ	0.2 UJ	0.57 UJ	0.82 UJ	--	0.23 UJ	0.2 UJ	0.21 UJ
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	0.37 U	--	0.32 U	--	0.25 U
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	2-HEXANONE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMODICHLOROMETHANE	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	100	NC	71	150	26	14000	99	85	170	1500	370	NC	NC	0.92	13.3	1.3
		AWQC	650	31	NC	10	900	NC	NC	NC	NC	NC	16	27	10000	NC	5	800
MRC-MW34C-110807	MRC-MW34C	20071108	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW34C-20130321	MRC-MW34C	20130321	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 UJ	0.12 U	0.32 U	1.1 UJ	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW-36-060905	MRC-MW36A	20050609	5 U	1 U	--	**68**	**60**	5 UR	5 U	1 U	5 U	5 UR	2	1 U	2 U	1 U	1 U	**59**
MRC-MW36-111505	MRC-MW36A	20051115	1 U	1 U	--	**69**	**64**	5 U	5 U	1 U	5 U	5 UR	2	1 U	2 U	1 U	1 U	**59**
MRC-MW36A-040312	MRC-MW36A	20120403	0.22 U	0.18 U	--	**14**	15	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.62 J	0.15 U	0.41 U	0.13 U	0.13 U	**25**
MRC-MW36A-050211	MRC-MW36A	20110502	0.22 U	0.18 U	--	**12**	13	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	**21**
MRC-MW36A-060310	MRC-MW36A	20100603	0.55 U	0.45 U	--	**22**	25	1.4 U	1 U	0.3 U	0.8 U	7.8 J	0.91 J	0.38 U	1 UJ	0.32 U	0.32 U	**37**
MRC-MW36A-073108	MRC-MW36A	20080731	2 U	2 U	--	**24**	25	1.2 B	10 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U	**32**
MRC-MW36A-082609	MRC-MW36A	20090826	0.44 U	0.36 U	--	**23**	26	1.1 U	0.82 U	0.24 U	0.64 U	2.4 B	0.26 U	0.3 U	0.82 U	0.26 U	0.26 U	**34**
MRC-MW36A-102507	MRC-MW36A	20071025	2 U	2 U	--	**38**	**36**	10 U	10 U	2 U	10 U	10 U	0.96 J	2 U	2 U	2 U	2 U	**40**
MRC-MW37-062105	MRC-MW37A	20050621	1 U	1 U	--	0.8 J	2	5 UR	5 UJ	1 U	5 UJ	5 UR	0.4 J	1 U	2 U	1 U	1 U	**29**
MRC-MW37-111405	MRC-MW37A	20051114	10 U	10 U	--	10 U	10 U	50 U	50 U	10 U	50 U	50 UR	10 U	10 U	20 U	10 U	10 U	**22**
MRC-MW37A-032917	MRC-MW37A	20170329	0.3 U	0.3 U	--	0.32 U	0.23 U	1 U	1.2 U	--	0.71 U	1.8 U	0.28 U	0.3 U	0.42 U	0.34 U	0.35 U	0.32 U
MRC-MW37A-040312	MRC-MW37A	20120403	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW-37A-041816	MRC-MW37A	20160418	0.29 U	0.31 U	--	0.24 U	0.34 U	0.66 U	0.6 U	--	1.2 U	1.2 U	0.44 U	0.36 U	0.55 UJ	0.48 U	0.54 U	0.31 U
MRC-MW-37A-041816-AVG	MRC-MW37A	20160418	0.29 U	0.31 U	--	0.24 U	0.34 U	0.66 U	0.6 U	--	1.2 U	1.2 U	0.44 U	0.36 U	0.55 UJ	0.48 U	0.54 U	0.31 U
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	1.5 U	1.2 U	--	0.93 U	0.87 U	3.8 U	2.7 U	0.8 U	2.1 U	7.3 U	0.87 U	1 U	2.7 U	0.87 U	0.87 U	1 U
MRC-MW-37A-050415	MRC-MW37A	20150504	0.32 U	0.24 U	--	0.25 U	0.27 U	1.8 U	1.3 U	--	1.5 U	3.1 U	0.23 U	0.27 U	0.6 J	0.23 U	0.31 U	0.19 U
MRC-MW37A-060710	MRC-MW37A	20100607	0.55 U	0.45 U	--	0.35 U	0.32 U	1.4 U	1 U	0.3 U	0.8 U	9 J	0.32 U	0.38 U	1 U	0.32 U	0.32 U	1.1 J
MRC-MW37A-061314	MRC-MW37A	20140613	0.36 UJ	0.2 U	--	0.2 U	0.2 U	0.81 UJ	1.7 UJ	0.2 U	0.67 UJ	2.7 J	0.2 U	0.32 U	0.29 U	0.22 U	0.45 U	0.29 U
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	3.3 U	3.3 U	--	3.3 U	3.3 U	2.1 B	17 U	3.3 U	17 U	6.3 B	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	**1.8 J**
MRC-MW37A-082709	MRC-MW37A	20090827	5.5 U	4.5 U	--	3.5 U	3.2 U	14 U	10 U	3 U	8 U	28 U	3.2 U	3.8 U	10 U	3.2 U	3.2 U	**5.5 J**
MRC-MW37A-110607	MRC-MW37A	20071106	12 U	12 U	--	12 U	12 U	62 U	62 U	12 U	62 U	62 U	12 U	12 U	12 U	12 U	12 U	**11 J**
MRC-MW37A-20130326	MRC-MW37A	20130326	0.55 U	0.45 U	--	0.35 U	0.33 U	1.4 U	1 U	0.3 U	0.8 U	2.8 U	0.33 U	0.38 U	1 U	0.33 U	0.33 U	0.38 U
MRC-MW-43-061505	MRC-MW43A	20050615	2	1 U	--	1 U	**600**	5 U	5 UJ	1 U	5 UJ	9 B	0.9 J	1 U	2 U	1 U	1 U	**5**
MRC-MW43-111505	MRC-MW43A	20051115	9	1 U	--	1 U	**400**	5 U	5 U	1 U	5 U	5 UR	1	1 U	2 U	1 U	1 U	**5**
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	80 U	**350**	--	--	--	--	--	--	--	--	--	--	80 U
MRC-MW43A-032014	MRC-MW43A	20140320	18 UJ	10 UJ	--	10 UJ	**480 J**	41 UJ	83 UJ	10 UJ	34 UJ	62 UJ	10 UJ	16 UJ	15 UJ	11 UJ	23 UJ	15 UJ
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	48 U	**320**	--	--	--	--	--	--	--	--	--	--	63 U
MRC-MW43A-040212	MRC-MW43A	20120402	55 U	45 U	--	35 U	**430**	140 U	100 U	30 U	80 U	280 U	33 U	38 U	100 U	33 U	33 U	38 U
MRC-MW43A-041311	MRC-MW43A	20110413	73 U	60 U	--	47 U	**550**	190 U	140 U	40 U	110 U	380 B	43 U	50 U	140 U	43 U	43 U	50 U
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	110 U	90 U	--	70 U	**570**	280 U	200 U	60 U	160 U	550 U	65 U	75 U	200 U	65 U	65 U	75 U
MRC-MW43A-073108	MRC-MW43A	20080731	330 U	330 U	--	330 U	**510**	230 B	1700 U	330 U	1700 U	1700 U	330 U	330 U	330 U	330 U	330 U	330 U
MRC-MW43A-082109	MRC-MW43A	20090821	73 U	60 U	--	47 U	**490**	190 U	140 U	40 U	110 U	460 B	43 U	50 U	140 U	43 U	43 U	50 U
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	250 U	250 U	--	250 U	**520**	1200 U	1200 U	250 U	1200 U	1200 U	250 U	250 U	250 U	250 U	250 U	250 U
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	5 U	1 U	--	1 U	1 U	5 UR	5 U	1 U	5 U	5 UR	1 U	1 U	2 U	1 U	1 U	1 U
MRC-MW44-111505	MRC-MW44A	20051115	1 U	1 U	--	0.5 J	0.4 J	5 U	5 U	1 U	5 U	5 UR	1 U	1 U	2 U	1 U	1 U	1 U
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	0.32 U	0.23 U	--	--	--	--	--	--	--	--	--	--	0.32 U
MRC-MW44A-03142012	MRC-MW44A	20120314	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW44A-031814	MRC-MW44A	20140318	0.36 UJ	0.2 UJ	--	0.2 UJ	0.2 UJ	0.81 UJ	1.7 UJ	0.2 UJ	0.67 UJ	1.5 J	0.2 UJ	0.32 UJ	0.29 UJ	0.22 UJ	0.45 UJ	0.29 UJ
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	0.19 U	0.27 U	--	--	--	--	--	--	--	--	--	--	0.25 U
MRC-MW44A-040611	MRC-MW44A	20110406	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	4.9 B	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	6.8 B	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)															
			CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CYCLOHEXANE	ETHYL TERT-BUTYL ETHER	FLUORODICHLOROMETHANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	1.8	NC	NC	NC	NC	NC	2.6	NC	NC	11070	98.1	1.1	128	NC	NC
		AWQC	NC	2000	NC	NC	NC	NC	NC	NC	NC	NC	NC	1000	NC	NC	NC	NC
MRC-MW34C-110807	MRC-MW34C	20071108	1 U	1 U	1 U	1 U	--	5 U	--	1 U	2 U	--	5 U	1 U	1 U	1 U	1 U	1 U
MRC-MW34C-20130321	MRC-MW34C	20130321	0.29 U	0.16 U	0.3 U	0.17 U	--	--	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW-36-060905	MRC-MW36A	20050609	2 U	1 U	2 U	1	--	1 U	--	1 U	2 U	--	2 U	2 U	1 U	1 U	1 U	1 U
MRC-MW36-111505	MRC-MW36A	20051115	2 U	1 U	2 U	2	--	1 U	--	1 U	2 U	--	2 U	2 U	1 U	1 U	1 U	1 U
MRC-MW36A-040312	MRC-MW36A	20120403	0.29 U	0.16 U	0.3 U	0.38 J	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW36A-050211	MRC-MW36A	20110502	0.29 U	0.16 U	0.3 U	0.3 J	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW36A-060310	MRC-MW36A	20100603	0.72 UJ	0.4 U	0.75 U	0.63 J	--	0.28 UJ	--	0.32 U	0.6 U	--	0.42 U	0.82 U	0.6 U	0.35 U	0.35 U	0.32 U
MRC-MW36A-073108	MRC-MW36A	20080731	2 U	2 U	2 U	0.68 J	--	--	--	2 U	4 U	--	10 U	2 U	2 U	2 U	2 U	2 U
MRC-MW36A-082609	MRC-MW36A	20090826	0.58 U	0.32 U	0.6 U	0.6 J	--	0.22 U	--	0.26 U	0.48 U	--	0.34 U	0.8 B	0.48 U	0.28 U	0.28 U	0.26 U
MRC-MW36A-102507	MRC-MW36A	20071025	2 U	2 U	2 U	1.2 J	--	10 U	--	2 U	4 U	--	10 U	2 U	2 U	2 U	2 U	2 U
MRC-MW37-062105	MRC-MW37A	20050621	2 U	0.4 J	2 U	30	--	1 U	--	1 U	2 U	--	2 U	2 U	2 B	1 U	1 U	1 U
MRC-MW37-111405	MRC-MW37A	20051114	20 U	10 U	20 U	38	--	10 U	--	10 U	20 U	--	20 U	25 B	10 U	10 U	10 U	10 U
MRC-MW37A-032917	MRC-MW37A	20170329	0.41 U	0.31 U	0.43 UJ	0.3 U	0.44 U	--	--	0.21 U	--	0.45 U	0.27 U	0.53 U	--	--	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	0.29 U	0.16 U	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW-37A-041816	MRC-MW37A	20160418	0.4 U	0.31 U	0.55 U	1.4	0.56 U	--	--	0.44 U	--	0.54 U	0.25 U	0.41 U	--	--	--	--
MRC-MW-37A-041816-AVG	MRC-MW37A	20160418	0.4 U	0.31 U	0.55 U	1.4	0.56 U	--	--	0.44 U	--	0.54 U	0.25 U	0.41 U	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	1.9 U	1.1 U	2 U	2.3 J	--	0.73 U	--	0.87 U	1.6 U	--	1.1 U	2.2 U	1.6 U	0.93 U	0.93 U	0.87 U
MRC-MW-37A-050415	MRC-MW37A	20150504	0.33 U	0.21 U	0.31 U	0.84 J	0.29 U	--	--	0.22 U	0.52 U	0.3 U	0.33 U	0.45 U	--	--	0.33 U	--
MRC-MW37A-060710	MRC-MW37A	20100607	0.72 U	0.4 U	0.75 U	2 J	--	0.28 U	--	0.32 U	0.6 U	--	0.42 U	0.82 U	0.6 U	0.35 U	0.35 U	0.32 U
MRC-MW37A-061314	MRC-MW37A	20140613	0.24 U	0.25 U	0.21 U	0.3 U	--	0.2 U	--	0.2 U	0.33 U	--	0.29 UJ	0.32 U	0.2 U	0.2 U	0.2 U	0.27 U
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	3.3 U	3.3 U	3.3 U	3.3	--	--	--	3.3 U	6.7 U	--	17 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U
MRC-MW37A-082709	MRC-MW37A	20090827	7.2 U	4 U	7.5 U	12 J	--	2.8 U	--	3.2 U	6 U	--	4.2 U	14 B	6 U	3.5 U	3.5 U	3.2 U
MRC-MW37A-110607	MRC-MW37A	20071106	12 U	12 U	12 U	21	--	62 U	--	12 U	25 U	--	62 U	12 U	12 U	12 U	12 U	12 U
MRC-MW37A-20130326	MRC-MW37A	20130326	0.73 U	0.4 U	0.75 U	1.4 J	--	--	--	0.33 U	0.6 U	--	0.43 U	0.83 U	0.6 U	0.35 U	0.35 U	0.33 U
MRC-MW-43-061505	MRC-MW43A	20050615	2 U	1 U	2 U	0.5 J	--	1 U	--	1 U	2 U	--	2 U	2 U	6 B	1 U	1 U	1 U
MRC-MW43-111505	MRC-MW43A	20051115	2 U	1 U	2 U	0.4 J	--	1 U	--	1 U	2 U	--	2 U	2 U	6	1 U	1 U	1 U
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	12 UJ	13 UJ	11 UJ	15 UJ	--	10 UJ	--	10 UJ	17 UJ	--	15 UJ	16 UJ	12 U	10 UJ	10 UJ	14 UJ
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	73 U	40 U	75 U	43 U	--	28 U	--	33 U	60 U	--	43 U	83 U	60 U	35 U	35 U	33 U
MRC-MW43A-041311	MRC-MW43A	20110413	97 U	53 U	100 U	57 U	--	37 U	--	43 U	80 U	--	57 U	110 U	80 U	47 U	47 U	43 U
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	140 U	80 U	150 U	85 U	--	55 U	--	65 U	120 U	--	85 U	160 U	120 U	70 U	70 U	65 U
MRC-MW43A-073108	MRC-MW43A	20080731	330 U	330 U	330 U	330 U	--	--	--	330 U	670 U	--	1700 U	330 U	330 U	330 U	330 U	330 U
MRC-MW43A-082109	MRC-MW43A	20090821	97 U	53 U	100 U	57 U	--	37 U	--	43 U	80 U	--	57 U	110 U	80 U	47 U	47 U	43 U
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	250 U	250 U	250 U	250 U	--	1200 U	--	250 U	500 U	--	1200 U	250 U	250 U	250 U	250 U	250 U
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	2 U	1 U	2 U	1 U	--	1 U	--	1 U	2 U	--	2 U	2 U	1 U	1 U	1 U	1 U
MRC-MW44-111505	MRC-MW44A	20051115	2 U	1 U	2 U	1 U	--	1 U	--	1 U	2 U	--	2 U	2 U	1 U	1 U	1 U	1 U
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	0.29 U	0.16 U	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW44A-031814	MRC-MW44A	20140318	0.24 UJ	0.25 UJ	0.21 UJ	0.3 UJ	--	0.2 UJ	--	0.2 UJ	0.33 UJ	--	0.29 UJ	0.32 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.27 UJ
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	0.29 U	0.16 U	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	0.29 UJ	0.16 U	0.3 U	0.17 U	--	0.11 UJ	--	0.13 U	0.24 U	--	0.17 UJ	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	111	2	590	13	13	970	21	NC	16	930
		AWQC	NC	29	520	NC	NC	NC	4000	7	NC	NC	1.6
MRC-MW34C-110807	MRC-MW34C	20071108	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	1 U	2 UJ	1 U
MRC-MW34C-20130321	MRC-MW34C	20130321	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	0.21 U	0.19 UR	0.22 U
MRC-MW-36-060905	MRC-MW36A	20050609	5 UR	1 U	1 U	1 J	3 U	--	1 U	**9**	2 U	1 U	2 U
MRC-MW36-111505	MRC-MW36A	20051115	5 UR	1 U	1 U	2	3 U	--	1 U	**12**	2 U	1 U	2 U
MRC-MW36A-040312	MRC-MW36A	20120403	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	3.5	0.21 U	0.19 UR	0.22 U
MRC-MW36A-050211	MRC-MW36A	20110502	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	2.6	0.21 U	0.19 U	0.22 U
MRC-MW36A-060310	MRC-MW36A	20100603	9.8 UR	0.72 U	0.32 U	--	0.7 U	--	0.48 U	4.4	0.52 UJ	0.48 U	0.55 U
MRC-MW36A-073108	MRC-MW36A	20080731	40 UR	2 U	2 U	--	4 U	--	2 U	4.5	2 U	4 U	2 U
MRC-MW36A-082609	MRC-MW36A	20090826	7.8 UR	0.58 U	0.26 U	--	0.56 U	--	0.38 U	4.2	0.42 U	0.38 U	0.44 U
MRC-MW36A-102507	MRC-MW36A	20071025	40 UR	2 U	2 U	--	4 U	--	2 U	**8.1**	2 U	4 U	2 U
MRC-MW37-062105	MRC-MW37A	20050621	5 UR	1 U	1 U	30	3 U	--	1 U	**960**	2 U	1 U	1 J
MRC-MW37-111405	MRC-MW37A	20051114	50 UR	10 U	10 U	38	30 U	--	10 U	**1100**	20 U	10 U	20 U
MRC-MW37A-032917	MRC-MW37A	20170329	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	4.5	0.5 U	--	0.45 U
MRC-MW37A-040312	MRC-MW37A	20120403	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	6.9	0.21 U	0.19 UR	0.22 U
MRC-MW-37A-041816	MRC-MW37A	20160418	--	0.39 U	0.29 U	--	0.65 U	0.65	0.38 U	**46**	0.61 UJ	--	0.36 U
MRC-MW-37A-041816-AVG	MRC-MW37A	20160418	--	0.39 U	0.29 U	--	0.65 U	0.65	0.38 U	**46**	0.61 UJ	--	0.36 U
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	26 UR	1.9 U	0.87 U	--	1.9 U	--	1.3 U	**190**	1.4 U	1.3 U	1.5 U
MRC-MW-37A-050415	MRC-MW37A	20150504	--	0.35 U	0.23 U	--	--	--	0.26 U	**33**	0.24 U	--	0.3 U
MRC-MW37A-060710	MRC-MW37A	20100607	9.8 UR	0.72 U	0.32 U	--	0.7 U	--	0.48 U	**83**	0.52 U	0.48 U	0.55 U
MRC-MW37A-061314	MRC-MW37A	20140613	11 UJ	0.3 U	0.2 U	--	0.53 U	--	0.33 U	0.35 J	0.2 U	1.1 UJ	0.32 U
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	67 UR	3.3 U	3.3 U	--	6.7 U	--	3.3 U	**130**	3.3 U	6.7 U	3.3 U
MRC-MW37A-082709	MRC-MW37A	20090827	98 UR	7.2 U	3.2 U	--	7 U	--	4.8 U	**600**	5.2 U	4.8 U	5.5 U
MRC-MW37A-110607	MRC-MW37A	20071106	250 UR	12 U	12 U	--	25 U	--	12 U	**630**	12 U	25 U	12 U
MRC-MW37A-20130326	MRC-MW37A	20130326	9.8 UR	0.73 U	0.33 U	--	0.7 U	--	0.48 U	**78**	0.53 U	0.48 UR	0.55 U
MRC-MW-43-061505	MRC-MW43A	20050615	5 UR	0.5 J	0.3 J	2 U	3 U	--	1 U	1 B	3	1 U	2 U
MRC-MW43-111505	MRC-MW43A	20051115	5 UR	0.8 J	0.3 B	2 U	3 U	--	1 U	2	3	1 U	2 U
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	540 UJ	15 UJ	10 UJ	--	27 UJ	--	17 UJ	11 UJ	10 UJ	51 UJ	16 UJ
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	980 UR	73 U	33 U	--	70 U	--	48 U	43 U	53 U	48 UR	55 U
MRC-MW43A-041311	MRC-MW43A	20110413	1300 UR	97 U	43 U	--	93 U	--	63 U	57 U	70 U	63 U	73 U
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	2000 UR	140 U	65 U	--	140 U	--	95 U	85 U	100 U	95 U	110 U
MRC-MW43A-073108	MRC-MW43A	20080731	6700 UR	330 U	330 U	--	670 U	--	330 U	330 U	330 U	670 U	330 U
MRC-MW43A-082109	MRC-MW43A	20090821	1300 UR	97 U	43 U	--	93 U	--	63 U	57 U	70 U	63 U	73 U
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	5000 UR	250 U	250 U	--	500 U	--	250 U	250 U	250 U	500 U	250 U
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	5 UR	1 U	1 U	2 U	3 U	--	1 U	1 U	2 U	1 U	2 U
MRC-MW44-111505	MRC-MW44A	20051115	5 UR	1 U	1 U	2 U	3 U	--	1 U	1 U	2 U	1 U	2 U
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U
MRC-MW44A-031814	MRC-MW44A	20140318	11 UJ	0.3 UJ	0.2 UJ	--	0.53 UJ	--	0.33 UJ	0.22 UJ	0.2 UJ	1.1 UJ	0.32 UJ
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURA	DISSOLVED METALS (UG/L)													
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MOLYBDENUM	NICKEL	SELENIUM	VANADIUM
			MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	340	NC	NC	1.8	16	NC	13	NC	65	NC	NC	470	20	NC
		NRWQC Chronic	NC	NC	150	NC	NC	0.72	11	NC	9	NC	2.5	NC	NC	52	5	NC
		BTAG	3E-06	30	5	4	0.66	0.25	85	23	9	300	2.5	120	73	52	1	20
		AWQC	5E-06	640	0.14	NC	NC	NC	NC	NC	NC	NC	NC	100	NC	4600	4200	NC
MRC-MW44A-073108	MRC-MW44A	20080731	--	0.041 B	3.2 B	**88**	0.053 B	0.006 UL	1.2 B	1	0.11 B	**36600**	0.12 B	**426**	0.12 U	0.78 B	0.17 B	0.58
MRC-MW44A-080509	MRC-MW44A	20090805	--	0.13 B	**1.1 K**	**134**	0.051	0.027 B	0.67	0.47 B	0.11 K	**16700**	0.12 B	**268**	0.2 U	0.37 B	0.26 K	0.65
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	--	0.036 B	1.4 B	**21.8**	**5.5**	0.039 B	0.41 B	12.4	0.13 B	**684**	0.1 B	**153**	0.12 U	**81.6**	0.14 U	0.5
MRC-MW62A-102805	MRC-MW62A	20051028	--	4.11 U	3.45 U	**379**	**31.7**	0.73 B	3.5 B	**140**	26.5 B	--	6.6 B	--	2.1 B	**768**	3.59 UL	4.88 U
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	0.12 B	0.58 B	**89.8**	0.025 B	0.02 B	0.14 B	14.5	0.051 U	**10700**	0.066 B	**674**	0.12 U	23.8	0.14 U	0.46 U
MRC-MW62C-102805	MRC-MW62C	20051028	--	4.11 U	3.45 U	**47.2**	0.35 UL	0.4 U	1.4 B	1.12 U	1.74 UL	--	1.65 UL	--	2.7 B	3.3 B	3.59 UL	5.9 B
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	2 U	**0.2**	**57**	0.017 B	0.01 B	0.087 B	1.3	0.41 B	146	0.054 B	36.4	2 U	2.5	0.33 B	0.55
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	--	2 U	**0.18**	**12**	0.6 B	0.014 B	0.42 B	8.8	1.6 B	50 U	1 U	62.5	2 U	9.9	5 U	0.67
MRC-MW72B-080709	MRC-MW72B	20090807	--	0.055 U	0.21 U	**13.4**	0.66	0.027 U	0.066 U	9.3	1.8 K	11 U	0.062 B	57.6	0.2 U	10.9	0.14 U	0.6 U
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE		FILTERED (0.10) METALS (UG/L)															
			ZINC	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	COBALT	COPPER	LEAD	NICKEL	VANADIUM	ZINC	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	120	340	NC	NC	2	NC	13	65	470	NC	120	340	NC	NC	2	16
		NRWQC Chronic	120	150	NC	NC	0.25	NC	9	2.5	52	NC	120	150	NC	NC	0.25	11
		BTAG	120	5	4	0.66	0.25	23	9	2.5	52	20	120	5	4	0.66	0.25	85
		AWQC	26000	0.14	NC	NC	NC	NC	NC	NC	4600	NC	26000	0.14	NC	NC	NC	NC
MRC-MW44A-073108	MRC-MW44A	20080731	21.4 B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	3.6 B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	--	--	--	**3.6**	**87.8**	0.052 B	0.014 U	1.4
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	**592 J**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	--	**0.66**	**17.4**	**4.5**	0.026 B	13.8	0.52	0.26	**63.1**	0.25 U	65.9	**0.74**	**16.9**	**4.3**	0.014 U	0.29 B
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	4.8 B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	1.4 B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	--	--	--	**0.51**	**75**	0.02 U	0.014 U	0.13 B
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	6.9 B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	--	--	--	--	0.27 U	**59.8**	0.097	0.13 B	0.19 B
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	23.8 B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	23.4 B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	--	--	--	--	0.27 U	**11.8**	0.61	0.053 B	0.16 B
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	FILTERED (0.45) METALS (UG/L)															
			COBALT	COPPER	LEAD	MOLYBDENUM	NICKEL	SELENIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	13	65	NC	470	20	NC	120	750	NC	340	NC	NC	2	NC	16
		NRWQC Chronic	NC	9	2.5	NC	52	5	NC	120	87	NC	150	NC	NC	0.25	NC	11
		BTAG	23	9	2.5	73	52	1	20	120	87	30	5	4	0.66	0.25	116000	85
		AWQC	NC	NC	NC	NC	4600	4200	NC	26000	NC	640	0.14	NC	NC	NC	NC	NC
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	--	--	--	--	--	--	--	0.07 B	**3.2 K**	**91.4**	0.061 B	0.009 B	--	1.5 B
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	--	--	--	--	--	--	--	0.15	**1.1 K**	**133**	0.047	0.027 B	--	0.77
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	1.1	0.22 B	0.015 U	4.6 B	1.4	**6**	1.1 B	4.4 B	--	0.058 B	**3.8**	**91.5**	0.045 B	0.014 U	--	1.4
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	**4.8**	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	0.33 J	**2.1 J**	**41**	**6.7**	0.13 U	--	0.71 U
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	0.342 U	**1.2**	**67.5**	**2.2**	0.021 U	--	0.476 U
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	0.28 J	**3.4 J**	**82.7**	**1.7**	0.13 U	--	0.74 J
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	--	--	--	--	--	--	--	0.048 B	**1.4 K**	**22.2**	**5.8**	0.037 B	--	0.28 B
MRC-MW62A-102805	MRC-MW62A	20051028	--	--	--	--	--	--	--	--	--	4.11 U	3.45 U	**358 J**	**29.8**	0.66 B	--	3.5 B
MRC-MW62A-110607	MRC-MW62A	20071106	11	0.18	0.42	5.9	**61.9**	1.6 UL	0.25 U	57.9	--	0.056 B	**0.67**	**17.2**	**4.4**	0.017 B	--	0.45 B
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	0.3 U	0.9 U	**44**	**6.1**	0.1 U	--	1.1 J
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	0.091 J	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	0.17 J	**2.5 J**	**92**	0.46 J	0.13 U	--	4.3
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	0.304 U	0.359 U	**89.9**	0.09 J	0.021 U	--	0.933 U
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	**70.5**	0.2 U	0.13 U	--	2.1
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	0.4 B	**1.2 J**	**42.5**	0.006 U	0.025 U	--	1.5 J
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	--	--	--	--	--	--	--	0.13 B	**1.2 K**	**144**	0.095 B	0.045 B	--	4.7
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	--	--	--	--	--	--	--	4.11 U	3.45 U	**70.9 J**	0.35 UL	0.4 U	--	4.6 B
MRC-MW62C-110807	MRC-MW62C	20071108	19.8	0.046 U	0.041 B	3.4 B	20.3	1.6 U	0.25 U	3.5 B	--	0.44 B	**3.9 L**	**322**	0.34	0.014 U	--	**124 J**
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	0.3 U	**2 J**	**120**	0.59 J	0.1 U	--	4.9
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	0.13 U	**0.54 J**	**55**	0.2 U	0.13 U	--	0.71 UL
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	**53.8**	0.2 U	0.13 U	--	0.71 U
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	0.12 B	0.16 U	**40.9**	0.042 B	0.025 U	--	0.21 B
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	--	--	--	--	--	--	--	2 U	**0.3**	**56.9**	0.02 B	0.02 B	--	0.27 B
MRC-MW72A-111207	MRC-MW72A	20071112	2.6	0.45 B	0.1 B	0.66 U	3.7	1.6 U	0.25 U	9.2 B	--	0.43 B	**0.55**	**65.5**	0.11	0.14 B	--	0.27 B
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	--	--	--	--	--	0.19 B	**0.64 J**	**15**	**0.96 J**	0.13 U	900 J	0.71 UL
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	--	--	--	--	--	0.27 U	0.35 U	**19**	0.77 U	0.31 U	2200 J	0.55 J
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	**15.6**	**0.86 J**	0.13 U	--	0.71 U
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	--	--	--	--	--	0.16 U	0.49 U	**18**	0.43 U	0.067 U	2700 U	0.6 U
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	0.027 B	0.16 U	**14.8**	**0.79 J**	0.025 U	--	0.11 B
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	--	--	--	--	--	--	--	2 U	5 U	**11.4**	0.62	0.012 B	--	0.25 B
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	--	--	--	--	--	--	--	0.055 U	0.21 U	**13.5**	**0.72**	0.027 U	--	0.12 B
MRC-MW72B-111207	MRC-MW72B	20071112	10.4	1.1 B	0.12 B	3.3 B	9.3	1.6 U	0.25 U	22.3	--	0.06 B	0.27 U	**12.1**	**0.7**	0.067 B	--	0.16 B
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1100 J	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	0.41 B	**1.5 J**	**35**	0.28 J	0.13 U	--	1.5 J
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	2.4	**1.1 J**	**37 J**	0.4 U	0.31 UJ	--	3.7 J
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	0.36 J	**0.65 J**	**45.1**	0.2 U	0.13 U	--	1.4 J
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	0.34 U	0.49 U	**33**	0.071 U	0.061 U	--	0.61 J
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	0.1 B	**0.16 J**	**37.4**	0.36 J	0.062 B	--	0.61 J

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)															
			COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE	SILVER	SODIUM	THALLIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	13	NC	65	NC	NC	NC	NC	470	NC	20	NC	NC	3.2	NC	NC
		NRWQC Chronic	NC	9	NC	2.5	NC	NC	NC	NC	52	NC	5	NC	NC	NC	NC	NC
		BTAG	23	9	300	2.5	82000	120	0.026	73	52	53000	1	NC	NC	3.2	680000	0.8
		AWQC	NC	NC	NC	NC	NC	100	NC	NC	4600	NC	4200	NC	NC	NC	NC	0.47
MRC-MW44A-073108	MRC-MW44A	20080731	1	0.35 B	**36800**	0.23 B	--	**449**	0.1 U	0.14 B	0.79 B	--	0.2 B	--	--	0.005 B	--	0.11 U
MRC-MW44A-080509	MRC-MW44A	20090805	0.51 B	0.19 K	**16700**	0.16 B	--	**264**	0.1 U	0.2 U	0.34 K	--	0.16 K	--	--	0.033 U	--	0.19 B
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	1.1	0.28 B	--	0.015 U	--	--	0.1 U	0.66 U	1.3	--	**5.5**	--	--	0.021 UL	--	0.023 U
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	20.1	--	--	--	--	--	0.024 U	--	**100**	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	17	0.43 J	--	0.18 U	--	--	0.12 U	0.58 B	**100**	--	0.57 U	--	--	0.08 U	--	0.51 B
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	17.4	0.779 J	**2760**	0.271 U	--	**700**	0.04 U	0.48 U	**52.6**	5450	0.233 J	--	--	0.062 U	--	0.024 U
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	17.8	3.4 B	--	0.64 J	--	--	0.12 U	0.36 J	**66.1**	--	1.2 U	--	--	0.08 U	--	0.14 U
MRC-MW62A-073108	MRC-MW62A	20080731	12.8	0.6 B	**718**	0.2 B	--	**157**	0.1 U	0.12 U	**82.5**	--	0.14 U	--	--	0.012 B	--	0.11 U
MRC-MW62A-102805	MRC-MW62A	20051028	**132**	24.4 B	--	5.5 B	--	--	0.02 U	2 U	**723**	--	3.59 UL	--	--	1.5 B	--	6.13 U
MRC-MW62A-110607	MRC-MW62A	20071106	11.1	0.5	--	0.39	--	--	0.1 U	0.66 U	**61.4**	--	1.6 UL	--	--	0.021 U	--	0.023 U
MRC-MW62A-20130318	MRC-MW62A	20130318	22	1.9 B	--	0.2 U	--	--	0.1 U	0.41 B	**110**	--	0.5 U	--	--	0.1 U	--	0.2 U
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	12	--	--	--	--	--	0.024 U	--	21.6	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	**140**	1.1 J	--	0.25 J	--	--	0.12 U	0.21 B	**260**	--	0.57 U	--	--	0.08 U	--	0.27 B
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	**44.5**	0.354 J	**23500**	0.271 U	--	**1310**	0.04 U	0.145 U	**76.4**	15300	0.177 U	--	--	0.062 U	--	0.056 U
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	13.5	0.76 B	--	0.2 J	--	--	0.12 U	0.093 U	21.8	--	1.2 U	--	--	0.08 U	--	0.14 U
MRC-MW62C-052810	MRC-MW62C	20100528	15.7	1.7 B	**2450**	0.49 J	--	**388**	0.1 U	0.62 B	24.5	--	0.13 U	--	--	0.015 U	--	0.13 U
MRC-MW62C-073108	MRC-MW62C	20080731	**30.1**	0.77 B	**22900**	0.67 B	--	**1280**	0.1 U	0.12 U	49.8	--	0.14 U	--	--	0.021 B	--	0.16 B
MRC-MW62C-102805	MRC-MW62C	20051028	19.5	1.74 UL	--	2.8 B	--	--	0.02 U	2.2 B	30.2	--	3.59 UL	--	--	1.04 U	--	6.13 U
MRC-MW62C-110807	MRC-MW62C	20071108	**141 J**	4.1	--	1.5 J	--	--	0.1 UL	0.66 UL	**178 J**	--	1.6 U	--	--	0.055 B	--	0.023 U
MRC-MW62C-20130318	MRC-MW62C	20130318	**82**	2 B	--	0.27 J	--	--	0.1 U	0.2 B	**110**	--	0.5 U	--	--	0.1 U	--	0.2 U
MRC-MW72A-041012	MRC-MW72A	20120410	1	0.49 J	--	0.18 U	--	--	0.12 U	0.093 U	2.3	--	0.57 U	--	--	0.08 U	--	0.14 U
MRC-MW72A-041911	MRC-MW72A	20110419	0.76 J	1.2 B	--	0.18 J	--	--	0.12 U	0.093 U	1.9 J	--	1.2 U	--	--	0.08 U	--	0.14 U
MRC-MW72A-060310	MRC-MW72A	20100603	0.97 J	0.2 B	**468**	0.019 UL	--	20.4	0.1 U	0.27 U	1.4 B	--	0.44 J	--	--	0.015 U	--	0.13 U
MRC-MW72A-073008	MRC-MW72A	20080730	1.4	0.56 B	218	0.14 B	--	37.1	0.2 U	2 U	2.7 L	--	0.5 B	--	--	1 U	--	1 U
MRC-MW72A-111207	MRC-MW72A	20071112	2.8	0.55 B	--	0.16 B	--	--	0.1 U	0.72 B	4.4	--	1.6 U	--	--	0.021 UL	--	0.023 U
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	**1100**	--	--	43	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041012	MRC-MW72B	20120410	9.8	2.1 K	81 U	0.18 U	890 J	62	0.12 U	0.49 B	12	1200 J	0.57 U	--	8500	0.08 U	9600	0.46 B
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	7	1.3 J	250	0.59 U	1000 J	43	0.13 U	0.51 U	12	1500 J	0.48 U	--	8800	0.03 U	8300	0.28 U
MRC-MW72B-041911	MRC-MW72B	20110419	11.8	2.5 B	106	0.18 U	--	70.7	0.12 U	0.093 U	12.9	1200	1.2 U	--	--	0.08 U	--	0.34 B
MRC-MW-72B-042116	MRC-MW72B	20160421	3.7	1.3 J	230	0.31 J	1000 U	30	0.09 U	0.23 U	7.6	1600 U	0.58 U	--	8100	0.02 U	6600	0.074 U
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	10.6	1.7 B	43.5 J	0.019 UL	--	68	0.1 U	0.27 U	12.4	--	0.13 U	--	--	0.015 U	--	0.13 U
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	8.9	1.5 B	19.3 B	1 U	--	64.2	0.2 U	2 U	10.1 L	--	5 U	--	--	1 U	--	1 U
MRC-MW72B-080709	MRC-MW72B	20090807	9.8	1.6 K	74.3	0.056 B	--	58.8	0.1 U	0.2 U	11.1	--	0.14 U	--	--	0.033 U	--	0.12 U
MRC-MW72B-111207	MRC-MW72B	20071112	11.1	1.3 B	--	0.048 B	--	--	0.1 U	0.77 B	9.5	--	1.6 U	--	--	0.021 UL	--	0.023 U
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	110 J	--	900 J	62	0.12 U	--	--	1600 J	--	--	8300	--	9600	--
MRC-MW73A-03162012	MRC-MW73A	20120316	1	2.2 B	--	0.64 B	--	--	0.12 U	1.3 B	3.1 K	--	1 J	--	--	0.08 U	--	0.82 B
MRC-MW73A-032317	MRC-MW73A	20170323	1.6 J	2.8 J	--	1.3	--	--	0.13 U	0.94 U	4.5 J	--	**3 J**	--	--	0.03 UJ	--	0.28 U
MRC-MW73A-041511	MRC-MW73A	20110415	1.2	2.1 B	--	0.32 J	--	--	0.12 U	0.093 U	3.5	--	1.2 UL	--	--	0.08 U	--	0.14 U
MRC-MW-73A-041516	MRC-MW73A	20160415	1.2	0.75 U	--	0.46 U	--	--	0.09 U	0.23 U	0.48 U	--	**1.7 J**	--	--	0.02 U	--	0.074 U
MRC-MW73A-060410	MRC-MW73A	20100604	9.9	2 B	**503**	0.019 UL	--	33.6	0.1 U	0.27 U	22.8	--	0.54 J	--	--	0.015 U	--	0.13 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE				MICROBIOLOGICAL (CELLS/ML)														
			URANIUM-238	VANADIUM	ZINC	DEHALOBACTER	DEHALOCOCCOIDES	TCE R-DASE	ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON
			UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		NRWQC Acute	NC	NC	120	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.022	NC
		NRWQC Chronic	NC	NC	120	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.0052	NC
		BTAG	2.6	20	120	NC	NC	NC	NC	0.019	0.019	NC	NC	NC	NC	230	0.005	NC
		AWQC	NC	NC	26000	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MRC-MW44A-073108	MRC-MW44A	20080731	--	0.79	83.2	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	--	0.98	19 K	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	1.4 B	7.5 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	1.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	0.44 U	50	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	0.432 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	0.48 J	34.1 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	--	0.46 U	65.6	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	--	4.88 U	**554**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	--	0.25 U	58.4	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	--	0.8 U	89	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	0.02 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	0.44 U	**180**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	0.432 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	0.44 UL	25.1 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	8.4 J	53.8	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	0.46 U	22.4 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	--	4.88 U	37.4 K	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	0.25 U	60.5	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	--	0.8 U	69	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	0.44 U	5.6 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	0.44 U	13 J	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	0.43 U	26.2 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	20 U	8.4 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	0.25 U	10.8 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	0.3 J	0.5 U	0.5 U	10	--	--	--	0.019 U	--	--	--	--	--
MRC-MW72B-041012	MRC-MW72B	20120410	--	0.54 B	25	--	--	--	6.8 J	--	0.035 U	--	--	--	--	14	--	--
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	36	--	**0.15 J**	--	--	--	--	11.1	--	1.5
MRC-MW72B-041817	MRC-MW72B	20170418	--	0.8 J	61	--	--	--	5.3	0.87 U	--	--	--	--	--	14	--	0.27 J
MRC-MW72B-041911	MRC-MW72B	20110419	--	0.44 U	37.2	--	--	--	5.3	--	**0.09 J**	--	--	--	--	15.5 K	--	0.6 J
MRC-MW-72B-042116	MRC-MW72B	20160421	--	1 J	46	--	--	--	11	--	0.87 U	--	--	--	--	9.1	--	0.12 J
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.46 J
MRC-MW72B-060310	MRC-MW72B	20100603	--	0.65 B	116	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	0.004 U	--	--	8.7	--	17	--	1.1
MRC-MW72B-073008	MRC-MW72B	20080730	--	20 U	20.2 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	--	0.6 U	27.5 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	0.25 U	24.5	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	5.7	--	0.083 B	--	--	--	--	15 K	--	0.62 J
MRC-MW73A-03162012	MRC-MW73A	20120316	--	2.5 J	23 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	5.7 J	13 J	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	1.4 J	13 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	1.1 J	7.3 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	1.3 B	27.8 B	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)															
			HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE-N	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL SUSPENDED SOLIDS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		NRWQC Acute	0.016	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	0.011	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	0.011	NC	NC	0.02	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		AWQC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	0.025 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	3.5	54	--	0.32 J	--	--	--
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	0.41	0.012 U	0.12 B	--	--	--	--	1.8	28	--	--	--	--	--
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	0.55	0.2 U	--	--	--	--	--	3.9	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	0.44	**0.11**	0.056 U	--	--	--	--	1.3	22	--	--	--	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	0.45	0.012 U	0.044 U	--	--	--	--	0.66 J	52	--	--	--	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	0.36	0.038 U	0.035 J	--	0.49	--	--	2.5	45	--	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	0.7 J	0.7 J	0.3 U	0.02	--	--	8.56	--	6.5	67	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	0.43	0.012 U	0.71	--	--	--	--	1.1	15	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOU	MISCELLANEOUS PARAMETERS		PCB HOMOLOGS (UG/L)						PCB HOMOLOGS, FILTERED		PCBS (UG/L)			
			PH	BROMIDE	PERCHLORATE	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	AROCLOR-1254	AROCLOR-1260	DICHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
			S.U.	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	NC	NC	0.014	0.014
		BTAG	NC	NC	NC	7E-05	NC	NC	7E-05	7E-05	NC	NC	7E-05	7E-05	7E-05	7E-05	7E-05	7E-05
		AWQC	NC	NC	NC	6E-05	NC	NC	6E-05	6E-05	NC	NC	6E-05	6E-05	6E-05	6E-05	6E-05	6E-05
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	0.005 U	0.029 U	0.014 U	0.005 U	0.013 U	0.012 U	0.006 U	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	0.15 U	0.16 U	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	0.005 U	0.03 U	0.015 U	0.006 U	0.014 U	0.013 U	0.006 U	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	0.004 U	0.011 U	0.01 UJ	0.002 U	0.009 U	0.005 U	**0.042**	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	0.16 U	0.17 U	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	0.005 U	0.029 U	0.014 U	0.005 U	0.013 U	0.012 U	0.006 U	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	0.004 U	0.011 U	0.01 U	0.002 U	0.009 U	0.014 U	0.005 J	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	0.004 U	0.011 U	0.01 U	0.002 U	0.009 U	0.005 U	0.003 U	**0.005**	0.002 U	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	0.16 U	0.17 U	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	0.15 U	0.16 U	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	0.005 U	0.03 U	0.015 U	0.006 U	0.014 U	0.013 U	0.006 U	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	0.004 U	0.011 U	0.01 UJ	0.002 U	0.009 U	0.005 U	0.007 U	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	0.15 U	0.16 U	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	0.005 U	0.029 U	0.014 U	0.005 U	0.013 U	0.012 U	0.006 U	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	0.004 U	0.011 U	0.01 U	0.002 U	0.009 U	0.005 U	0.003 U	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	0.004 U	0.011 U	0.01 U	0.002 U	0.009 U	0.005 U	0.003 U	0.004 U	0.002 U	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	--	--	--	0.16 U	0.17 U	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	0.16 U	0.17 U	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	0.15 J	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

						PETROLEUM	PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)				SEMIVOLATILE			
SAMPLE ID	LOCATION ID	SAMPLE DATE	PENTACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND	OIL & GREASE - HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-230	URANIUM-233/234	URANIUM-235	URANIUM-238	1,4-DIOXANE	1,4-DIOXANE	2,4,5-TRICHLOROPHENOL	2,4-DICHLOROPHENOL
			UG/L	UG/L	UG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	0.014	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	7E-05	7E-05	7E-05	NC	NC	NC	NC	NC	NC	2.6	2.6	2.6	NC	22000	NC	11
		AWQC	6E-05	6E-05	6E-05	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	600	60
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7 J	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	--	--	--	--	--	--	--	--	--	--	--	1.737	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	2.4	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	0.124 U	--	0.018	0.386	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	--	--	--	--	--	510	--	730 L	--	--	--	--	--	2 UL	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	0.173 UJ	--	-7E-04 U	0.006	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	0.49 U	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	0.49 U	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	0.49 U	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	2 UL	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	1.1	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	0.5 J	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	2.7 J	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	2.1 J	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	--	--	--	--	--	--	--	--	--	0.21	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	2.9 U	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	0.057 U	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)															
			2-CHLOROPHENOL	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	24	4.7	5.8	NC	0.012	NC	NC	0.018	0.015	NC	NC	NC	16	19	NC	NC
		AWQC	800	NC	90	NC	400	NC	NC	0.0013	0.0001	0.0013	NC	0.013	0.37	0.1	NC	NC
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TENTATIVELY IDENTIFIED COMPOUNI 1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	NC	3.7	210	0.04	3	NC	1.1	0.4	4	0.025	NC	NC	NC	NC	NC
		AWQC	0.13	0.0001	NC	600	20	70	0.0013	NC	NC	300000	30	NC	NC	NC	400	NC
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	--	--	--	--	--	--	--	240 NJ	--	--	**710 NJ**	--
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	OS-VOLATILES (UG/L)				VOLATILE GASES (UG/L)											
			DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	ETHANE	ETHENE	METHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	NC	NC	NC	NC	NC	NC	1200	NC	47	25	8	NC	24	33	0.7
		AWQC	NC	NC	NC	NC	NC	NC	NC	8.9	NC	NC	20000	NC	NC	0.076	NC	3000
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	1.4	--	**6**	--	0.58 J
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	0.31 UJ	0.2 UJ	0.57 UJ	3.2 J	--	**15 J**	0.26 J	**1.4 J**
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	2.4 B	0.37 J	**12**	0.67 J	**1.3**
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	2.4	--	**10**	--	**0.93 J**
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.73 B	0.006 U	**3.5 J**	0.12 U	0.33 J
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	--	--	--	--	--	--	3.3 U	3.3 U	3.3 U	2.3 J	0.93 J	**11**	0.62 J	**1 J**
MRC-MW62A-102805	MRC-MW62A	20051028	--	--	--	--	--	--	--	--	1 U	1 U	1 U	**310**	1	**1500**	1	**60**
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	--	--	--	--	--	--	5 U	5 U	5 U	5 U	0.88 J	**6.5**	5 U	**0.98 J**
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	0.35 U	--	**0.58 J**	--	0.26 U
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	0.31 UJ	0.2 UJ	0.57 UJ	0.82 UJ	--	0.69 U	0.2 UJ	0.21 UJ
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	**0.38 J**	0.12 U	0.13 U
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	0.37 U	--	0.32 U	--	0.25 U
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	5 U	**0.32 J**	1 U	1 U
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	0.28 U	0.36 J	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	0.28 U	0.54 J	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	0.28 U	0.58 J	0.19 U	0.33 B	0.006 U	0.93 B	0.12 U	0.13 U
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	--	--	--	--	--	--	1 U	1.1	1 U	1 U	5 U	1 U	1 U	1 U
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	--	1 U	1.4	1 U	1 U	5 U	1 U	1 U	1 U
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	0.14 U	0.13 U	5.7	80 U	150 U	100 U	150 U	--	--	110 U	--	83 U
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	0.26 U	0.31 U	0.15 J	--	40 U	21 U	27 U	24 U	0.84 U	21 U	17 U	19 U
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	3.3 U	2.4 U	1.5 U	1 U	1.3	1 U	1 U	2 U	--	2 U	--	1 U
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	0.14 U	0.13 U	1.2	34 U	41 UJ	25 U	27 U	--	--	27 U	--	26 U
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	0.26 UJ	0.31 UJ	0.37 J	--	35 U	19 U	24 U	21 U	0.74 U	19 U	15 U	16 U
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	0.14 U	0.13 U	0.39 J	30 U	56 U	38 U	56 U	--	--	40 U	--	31 U
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	47 U	25 U	32 U	28 U	0.98 U	25 U	20 U	22 U
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	0.2 U	0.11 U	0.21 U	--	1.6 U	1 U	2.9 U	4.1 U	--	1.2 U	1 U	1.1 U
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	--	--	--	--	--	--	170 U	170 U	170 U	170 U	830 U	170 U	170 U	170 U
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	--	--	--	--	--	--	46.67 U	25 U	31.67 U	28.33 U	0.983 U	25 U	20 U	21.67 U
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	--	200 U	200 U	200 U	200 U	1000 U	200 U	200 U	200 U
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	0.1 U	0.37 U	0.14 B	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	2-HEXANONE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMODICHLOROMETHANE	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	100	NC	71	150	26	14000	99	85	170	1500	370	NC	NC	0.92	13.3	1.3
		AWQC	650	31	NC	10	900	NC	NC	NC	NC	NC	16	27	10000	NC	5	800
MRC-MW44A-073108	MRC-MW44A	20080731	1 U	1 U	--	1 U	1 U	0.91 B	5 U	1 U	5 U	2.2 B	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW44A-080509	MRC-MW44A	20090805	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	4.384 B	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	0.32 U	0.94 J	--	--	--	--	--	--	--	--	--	--	0.5 J
MRC-MW62A-031814	MRC-MW62A	20140318	0.36 UJ	0.2 UJ	--	0.2 UJ	2.1 J	0.81 UJ	1.7 UJ	0.2 UJ	0.67 UJ	1.9 J	0.2 UJ	0.32 UJ	0.29 UJ	0.22 UJ	0.69 J	1.2 J
MRC-MW62A-03192012	MRC-MW62A	20120319	0.22 U	0.18 U	--	0.14 U	1.8	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.14 J	0.15 U	0.41 U	0.13 U	0.56 J	1
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	0.19 U	1.3	--	--	--	--	--	--	--	--	--	--	0.69 J
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	0.22 U	0.18 U	--	0.14 U	0.55 J	0.57 U	0.41 U	0.2 J	0.32 U	2.2 B	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.27 J
MRC-MW62A-073108	MRC-MW62A	20080731	3.3 U	3.3 U	--	3.3 U	1.7 J	2.1 B	17 U	3.3 U	17 U	17 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3	0.73 J
MRC-MW62A-102805	MRC-MW62A	20051028	1 U	1 U	--	1 U	**78**	5 UR	5 U	1 U	5 U	5 B	0.4 J	1 U	2 U	1 U	5	**20**
MRC-MW62A-110607	MRC-MW62A	20071106	5 U	5 U	--	5 U	1.3 J	25 U	25 U	5 U	25 U	25 U	5 U	5 U	5 U	5 U	2.8 J	5 U
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	0.32 U	0.23 U	--	--	--	--	--	--	--	--	--	--	0.32 U
MRC-MW62C-031814	MRC-MW62C	20140318	0.36 UJ	0.2 UJ	--	0.2 UJ	0.2 UJ	0.81 UJ	1.7 UJ	0.2 UJ	0.67 UJ	7.1 J	0.2 UJ	0.32 UJ	0.29 UJ	0.22 UJ	0.45 UJ	0.29 UJ
MRC-MW62C-03192012	MRC-MW62C	20120319	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	0.19 U	0.27 U	--	--	--	--	--	--	--	--	--	--	0.25 U
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.4 B	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW62C-052810	MRC-MW62C	20100528	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	9.6 B	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW62C-073108	MRC-MW62C	20080731	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	1.5 B	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW62C-102805	MRC-MW62C	20051028	1 U	1 U	--	1 U	1 U	5 UR	5 U	1 U	5 U	5 UR	1 U	1 U	2 U	0.4 J	1 U	1 U
MRC-MW62C-110807	MRC-MW62C	20071108	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	1.4 B	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW72A-041911	MRC-MW72A	20110419	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW72A-060310	MRC-MW72A	20100603	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	13	0.13 U	0.15 U	0.41 UJ	0.13 U	0.13 U	0.15 U
MRC-MW72A-073008	MRC-MW72A	20080730	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	2.2 B	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW72A-111207	MRC-MW72A	20071112	1 U	1 U	--	0.79 J	0.5 J	5 U	5 U	1 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	0.55 J
MRC-MW-72B-012816	MRC-MW72B	20160128	77 U	83 U	--	63 U	90 U	180 U	160 U	--	330 U	310 U	120 U	97 U	150 U	130 U	140 U	83 U
MRC-MW72B-041012	MRC-MW72B	20120410	31 U	26 U	--	20 U	19 U	81 U	59 U	17 U	46 U	160 U	19 U	21 U	59 UJ	19 U	19 U	21 U
MRC-MW-72B-041515	MRC-MW72B	20150415	1 U	1 U	--	1 U	1 U	10 U	5 U	--	5 U	10 U	1 U	1 U	0.47 U	1 U	1 U	0.26 J
MRC-MW72B-041817	MRC-MW72B	20170418	30 U	30 U	--	32 U	23 U	100 U	120 U	--	71 U	180 U	28 U	30 U	42 U	34 U	35 U	32 U
MRC-MW72B-041911	MRC-MW72B	20110419	28 U	22 U	--	18 U	16 U	71 U	51 U	15 U	40 U	140 U	16 U	19 U	51 U	16 U	16 U	19 U
MRC-MW-72B-042116	MRC-MW72B	20160421	29 U	31 U	--	24 U	34 U	66 U	60 U	--	120 U	120 UJ	44 U	36 U	55 UJ	48 U	54 U	31 U
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	37 U	30 U	--	23 U	22 U	95 U	68 U	20 U	53 U	180 U	22 U	25 U	68 UJ	22 U	22 U	25 U
MRC-MW72B-061714	MRC-MW72B	20140617	1.8 U	1 U	--	1 U	1 U	4.1 U	8.3 U	1 U	3.4 U	6.2 U	1 U	1.6 U	1.5 U	1.1 UJ	2.3 U	1.5 U
MRC-MW72B-073008	MRC-MW72B	20080730	170 U	170 U	--	170 U	170 U	130 B	830 U	170 U	830 U	220 B	170 U	170 U	170 U	170 U	170 U	170 U
MRC-MW72B-080709	MRC-MW72B	20090807	36.67 U	30 U	--	23.33 U	21.67 U	95 U	68.33 U	20 U	53.33 U	183.3 U	21.67 U	25 U	68.33 U	21.67 U	21.67 U	25 U
MRC-MW72B-111207	MRC-MW72B	20071112	200 U	200 U	--	200 U	200 U	160 B	1000 U	200 U	1000 U	1000 U	200 U	200 U	200 U	81 B	200 U	200 U
MRC-MW72B-20130326	MRC-MW72B	20130326	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.2 B	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW73A-03162012	MRC-MW73A	20120316	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	9.9	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)															
			CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CYCLOHEXANE	ETHYL TERT-BUTYL ETHER	FLUORODICHLOROMETHANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	1.8	NC	NC	NC	NC	NC	2.6	NC	NC	11070	98.1	1.1	128	NC	NC
		AWQC	NC	2000	NC	NC	NC	NC	NC	NC	NC	NC	NC	1000	NC	NC	NC	NC
MRC-MW44A-073108	MRC-MW44A	20080731	1 U	1 U	1 U	1 U	--	--	--	1 U	2 U	--	5 U	1 U	1 U	1 U	1 U	1 U
MRC-MW44A-080509	MRC-MW44A	20090805	0.29 U	0.16 U	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	1 U	1 U	1 U	1 U	--	5 U	--	1 U	2 U	--	5 U	1 U	1 U	1 U	1 U	1 U
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	0.32 J	**7.6 J**	0.21 UJ	2.7 J	--	0.2 UJ	--	0.2 UJ	0.33 UJ	--	0.29 UJ	0.32 UJ	**13 J**	0.2 UJ	0.46 J	0.27 UJ
MRC-MW62A-03192012	MRC-MW62A	20120319	0.29 U	**18**	0.3 U	3.1	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	**12**	0.14 U	0.51 J	0.13 U
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	0.29 U	1.2	0.3 U	1.3	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	1.9 B	0.14 U	0.14 U	0.13 U
MRC-MW62A-073108	MRC-MW62A	20080731	3.3 U	**89**	3.3 U	2.9 J	--	--	--	3.3 U	6.7 U	--	17 U	2.1 J	**28**	3.3 U	0.72 J	3.3 U
MRC-MW62A-102805	MRC-MW62A	20051028	2 U	**180**	2 U	5	--	1 U	--	1 U	2 U	--	2 U	2 B	**6**	1 U	1 J	1 U
MRC-MW62A-110607	MRC-MW62A	20071106	5 U	**120**	5 U	2.8 J	--	25 U	--	5 U	10 U	--	25 U	5 U	**17**	5 U	0.77 J	5 U
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	0.64 J	0.25 UJ	0.27 J	0.3 UJ	--	0.2 UJ	--	0.2 UJ	0.33 UJ	--	0.29 UJ	0.32 UJ	0.9 U	0.2 UJ	0.2 UJ	0.27 UJ
MRC-MW62C-03192012	MRC-MW62C	20120319	0.29 U	0.16 U	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.29 J	0.14 U	0.14 U	0.13 U
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	0.29 U	0.16 U	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.41 B	0.14 U	0.14 U	0.13 U
MRC-MW62C-052810	MRC-MW62C	20100528	0.29 UJ	0.16 U	0.3 U	0.17 U	--	0.11 UJ	--	0.13 U	0.24 U	--	0.17 UJ	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW62C-073108	MRC-MW62C	20080731	1 U	1 U	1 U	1 U	--	--	--	1 U	2 U	--	5 U	1 U	1 U	1 U	1 U	1 U
MRC-MW62C-102805	MRC-MW62C	20051028	2 U	**3**	2 U	1 U	--	1 U	--	1 U	2 U	--	2 U	2 U	1 U	1 U	1 U	1 U
MRC-MW62C-110807	MRC-MW62C	20071108	1 U	1 U	1 U	1 U	--	5 U	--	1 U	2 U	--	5 U	1 U	1 U	1 U	1 U	1 U
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	0.29 U	0.16 U	0.3 U	0.96 J	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW72A-041911	MRC-MW72A	20110419	0.29 U	0.16 U	0.3 U	1.6	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW72A-060310	MRC-MW72A	20100603	0.29 UJ	0.16 U	0.3 U	2.8	--	0.11 UJ	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW72A-073008	MRC-MW72A	20080730	1 U	1 U	1 U	4.1	--	--	--	1 U	2 U	--	5 U	1 U	1 U	1 U	1 U	1 U
MRC-MW72A-111207	MRC-MW72A	20071112	1 U	1 U	1 U	4.1	--	5 U	--	1 U	2 U	--	5 U	1 U	1 U	1 U	1 U	1 U
MRC-MW-72B-012816	MRC-MW72B	20160128	110 U	83 U	150 U	87 U	150 U	--	--	120 U	--	140 U	67 U	110 U	--	--	--	--
MRC-MW72B-041012	MRC-MW72B	20120410	41 U	23 U	43 U	24 U	--	16 U	--	19 U	34 U	--	24 U	58 J	34 U	20 U	20 U	19 U
MRC-MW-72B-041515	MRC-MW72B	20150415	1 U	1 U	1 U	2.4	1 U	--	--	1 U	2 U	1 U	1 U	1 U	--	--	1 U	--
MRC-MW72B-041817	MRC-MW72B	20170418	41 U	31 U	43 U	260	44 U	--	--	21 U	--	45 U	27 U	53 U	--	--	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	36 U	20 U	38 U	21 U	--	14 U	--	16 U	30 U	--	21 U	56 J	30 U	18 U	18 U	16 U
MRC-MW-72B-042116	MRC-MW72B	20160421	40 UJ	31 U	55 U	33 U	56 U	--	--	44 U	--	54 U	25 U	41 U	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	48 UJ	27 U	50 U	28 U	--	18 UJ	--	22 U	40 U	--	28 U	55 U	40 U	23 U	23 U	22 U
MRC-MW72B-061714	MRC-MW72B	20140617	1.2 U	1.3 U	1.1 U	1.5 U	--	1 U	--	1 U	1.7 U	--	1.5 U	1.6 U	1 U	1 U	1 U	1.4 U
MRC-MW72B-073008	MRC-MW72B	20080730	170 U	170 U	170 U	170 U	--	--	--	170 U	330 U	--	830 U	170 U	170 U	170 U	170 U	170 U
MRC-MW72B-080709	MRC-MW72B	20090807	48.33 U	26.67 U	50 U	28.33 U	--	18.33 U	--	21.67 U	40 U	--	28.33 U	107.3 B	40 U	23.33 U	23.33 U	21.67 U
MRC-MW72B-111207	MRC-MW72B	20071112	200 U	200 U	200 U	200 U	--	1000 U	--	200 U	400 U	--	1000 U	200 U	200 U	200 U	200 U	200 U
MRC-MW72B-20130326	MRC-MW72B	20130326	0.29 U	0.16 U	0.3 U	0.17 U	--	--	--	0.13 U	0.24 U	--	0.17 U	0.45 B	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW73A-03162012	MRC-MW73A	20120316	0.29 U	0.19 J	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	0.29 U	0.16 U	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	0.29 U	0.16 U	1.3	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	111	2	590	13	13	970	21	NC	16	930
		AWQC	NC	29	520	NC	NC	NC	4000	7	NC	NC	1.6
MRC-MW44A-073108	MRC-MW44A	20080731	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	1 U	2 U	1 U
MRC-MW44A-080509	MRC-MW44A	20090805	3.9 UR	0.29 U	0.187 J	--	0.28 U	--	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	1 U	2 U	1 U
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	350 J	12 J	0.2 UJ	--	0.53 UJ	--	0.33 UJ	1.5 J	0.2 UJ	1.1 UJ	0.6 J
MRC-MW62A-03192012	MRC-MW62A	20120319	300 J	15	0.13 U	--	0.51 J	--	0.19 U	0.81 J	0.21 U	0.19 UR	0.22 U
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	120 L	4.6	0.3 J	--	0.28 U	--	0.19 U	0.29 J	0.21 U	0.19 U	0.22 U
MRC-MW62A-073108	MRC-MW62A	20080731	440 L	14	3.3 U	--	6.7 U	--	3.3 U	3.3 U	3.3 U	6.7 U	3.3 U
MRC-MW62A-102805	MRC-MW62A	20051028	510 L	14	1 U	5	1 J	--	1 U	1	2 U	1 U	1 J
MRC-MW62A-110607	MRC-MW62A	20071106	330 L	16	5 U	--	10 U	--	5 U	0.86 J	5 U	10 U	5 U
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	24 J	0.3 UJ	0.2 UJ	--	0.53 UJ	--	0.33 UJ	0.22 UJ	0.2 UJ	1.1 UJ	0.32 UJ
MRC-MW62C-03192012	MRC-MW62C	20120319	4.7 J	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	0.21 U	0.19 UR	0.22 U
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	3.9 UR	0.29 U	0.25 J	--	0.28 U	--	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U
MRC-MW62C-052810	MRC-MW62C	20100528	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U
MRC-MW62C-073108	MRC-MW62C	20080731	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	1 U	2 U	1 U
MRC-MW62C-102805	MRC-MW62C	20051028	5 UR	1 U	1 U	2 U	3 U	--	1 U	1 U	2 U	1 U	2 U
MRC-MW62C-110807	MRC-MW62C	20071108	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	1 U	2 UJ	1 U
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.6 J	0.21 U	0.19 U	0.22 U
MRC-MW72A-041911	MRC-MW72A	20110419	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.83 J	0.21 U	0.19 U	0.22 U
MRC-MW72A-060310	MRC-MW72A	20100603	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.8 J	0.21 UJ	0.19 U	0.22 U
MRC-MW72A-073008	MRC-MW72A	20080730	20 UR	1 U	1 U	--	2 U	--	1 U	0.87 B	1 U	2 U	1 U
MRC-MW72A-111207	MRC-MW72A	20071112	20 UR	1 U	1 U	--	2 U	--	0.2 J	1.1	1 U	2 U	1 U
MRC-MW-72B-012816	MRC-MW72B	20160128	--	100 U	77 U	--	170 U	--	100 U	**7200**	160 U	--	97 U
MRC-MW72B-041012	MRC-MW72B	20120410	560 UR	41 U	19 U	--	40 U	--	27 U	**4300**	30 U	27 U	31 U
MRC-MW-72B-041515	MRC-MW72B	20150415	--	0.66 U	1 U	--	--	--	1 U	**1790**	1 U	--	1 U
MRC-MW72B-041817	MRC-MW72B	20170418	--	30 U	23 U	--	24 U	--	29 U	**3000**	50 UJ	--	45 U
MRC-MW72B-041911	MRC-MW72B	20110419	490 UR	36 U	16 U	--	35 U	--	24 U	**4000**	26 U	24 U	28 U
MRC-MW-72B-042116	MRC-MW72B	20160421	--	39 U	29 U	--	65 U	**65**	38 U	**3500 J**	61 U	--	36 U
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	650 UR	48 U	22 U	--	47 U	--	32 U	**4200**	35 UJ	32 U	37 U
MRC-MW72B-061714	MRC-MW72B	20140617	54 U	1.5 U	1 U	--	2.7 U	--	1.7 U	**2500**	1 U	5.1 U	1.6 U
MRC-MW72B-073008	MRC-MW72B	20080730	3300 UR	170 U	170 U	--	330 U	--	170 U	**3600**	170 U	330 U	170 U
MRC-MW72B-080709	MRC-MW72B	20090807	650.013 UR	48.33 U	21.67 U	--	46.67 U	--	31.67 U	**5706**	35 U	31.67 U	36.67 U
MRC-MW72B-111207	MRC-MW72B	20071112	4000 UR	200 U	200 U	--	400 U	--	200 U	**6000**	200 U	400 U	200 U
MRC-MW72B-20130326	MRC-MW72B	20130326	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	**30**	0.21 U	0.19 UR	0.22 U
MRC-MW73A-03162012	MRC-MW73A	20120316	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	0.21 U	0.19 UR	0.22 U
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURA	DISSOLVED METALS (UG/L)													
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MOLYBDENUM	NICKEL	SELENIUM	VANADIUM
			MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	340	NC	NC	1.8	16	NC	13	NC	65	NC	NC	470	20	NC
		NRWQC Chronic	NC	NC	150	NC	NC	0.72	11	NC	9	NC	2.5	NC	NC	52	5	NC
		BTAG	3E-06	30	5	4	0.66	0.25	85	23	9	300	2.5	120	73	52	1	20
		AWQC	5E-06	640	0.14	NC	NC	NC	NC	NC	NC	NC	NC	100	NC	4600	4200	NC
MRC-MW73A-073008	MRC-MW73A	20080730	--	2 U	**0.27**	**35.9**	**2**	**0.35**	0.24 B	19.5	2.3 B	**367**	1 U	**121**	2 U	48.2	0.61 B	20 U
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	0.053 B	0.41 B	**25.8**	**1.8**	0.061 B	0.34 B	16.3	4.3	14.6 B	0.12 B	88.4	0.12 U	18.6	0.32 B	0.46 U
MRC-MW73B-081109	MRC-MW73B	20090811	--	0.12 B	0.21 U	**30**	**2**	0.045 B	0.16 B	17.5	4.7	11 U	0.064 B	83.8	0.2 U	21.4	0.38 B	0.64
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	2 U	**0.89**	**45.4**	**1.4**	0.1 B	0.47 B	**30.3**	5.5	**332**	0.1 B	**1040**	2 U	9.8	0.78 B	0.88
MRC-MW74A-081409	MRC-MW74A	20090814	--	0.08 B	**1.1**	**48.8**	**0.7**	0.094 B	0.066 U	19.4	2.2 K	123	0.05 B	**1880**	0.2 U	4.2	**1.8**	0.6 U
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	0.035 U	0.42 B	**39.1**	0.45 B	0.11 B	0.38 B	**54**	0.7 B	47.5 B	0.099 B	**689**	0.12 U	29.6	0.18 B	0.63
MRC-MW74B-081709	MRC-MW74B	20090817	--	0.055 U	0.21 U	**32.4**	0.3 B	0.13 B	0.12 B	**31**	0.74 K	16.7 B	0.056 B	**418**	0.2 U	21.5	0.24	0.6 U
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	--	0.018 U	**1.1**	**24.6**	0.014 U	0.004 U	5	0.31	0.66 B	57.6 B	0.17 U	8.4	8.9	4.4	0.1	3.8
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE		FILTERED (0.10) METALS (UG/L)														
			ZINC	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	COBALT	COPPER	LEAD	NICKEL	VANADIUM	ZINC	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	120	340	NC	NC	2	NC	13	65	470	NC	120	340	NC	NC	2	16
		NRWQC Chronic	120	150	NC	NC	0.25	NC	9	2.5	52	NC	120	150	NC	NC	0.25	11
		BTAG	120	5	4	0.66	0.25	23	9	2.5	52	20	120	5	4	0.66	0.25	85
		AWQC	26000	0.14	NC	NC	NC	NC	NC	NC	4600	NC	26000	0.14	NC	NC	NC	NC
MRC-MW73A-073008	MRC-MW73A	20080730	69.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	--	--	--	--	**0.34**	**40.4**	**1.5**	**0.32**	0.4 B
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	38.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	70.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	--	--	--	--	0.27 U	**22.4**	**1.4**	0.054	0.36 B
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	38.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	32.1 K	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	--	--	--	--	--	--	--	**0.3**	**34**	**1.2**	0.14	0.054 UL
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	--	--	--	--	**0.52**	**38.3**	**1.8**	**0.47**	0.14 U
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	--	--	--	--	**0.54**	**39.7**	**2.2**	0.18	0.14 U
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	--	--	--	--	**0.5**	**43.7**	**2.8**	0.21	0.14 U
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	**648**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	**306**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	--	--	--	--	0.37 B	**36.9**	**1.4 L**	0.09 B	1.2
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	--	--	--	--	0.47 B	**39.2**	**1.4 L**	0.089 B	0.46 B
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	--	--	--	--	0.38 B	**37.6**	**1.7 L**	0.089 B	0.26 B
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	--	--	--	--	--	--	--	0.27 U	**33.6**	**0.91**	0.1	0.054 UL
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	5.2 B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	FILTERED (0.45) METALS (UG/L)															
			COBALT	COPPER	LEAD	MOLYBDENUM	NICKEL	SELENIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	13	65	NC	470	20	NC	120	750	NC	340	NC	NC	2	NC	16
		NRWQC Chronic	NC	9	2.5	NC	52	5	NC	120	87	NC	150	NC	NC	0.25	NC	11
		BTAG	23	9	2.5	73	52	1	20	120	87	30	5	4	0.66	0.25	116000	85
		AWQC	NC	NC	NC	NC	4600	4200	NC	26000	NC	640	0.14	NC	NC	NC	NC	NC
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	--	--	--	--	--	--	--	2 U	**0.35**	**32.6**	**2**	**0.35**	--	2.2
MRC-MW73A-110907	MRC-MW73A	20071109	**51.4**	2.2	0.16 B	7 B	**64.9**	1.6 U	0.25 U	87.8	--	0.15 B	**0.28 L**	**35.2**	**1.4**	0.28 B	--	1.3 B
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	0.13 U	**0.53 J**	**29**	**2.4**	0.13 U	--	0.71 U
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	0.63 U	0.35 UJ	**39 J**	**2.2**	0.31 UJ	--	0.45 J
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	0.16 U	0.49 U	**30**	**2.4**	0.078 U	--	0.6 U
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	**27.6**	**1.9**	0.13 U	--	0.71 U
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	0.027 U	0.16 U	**30.7**	1.9 B	0.025 U	--	0.25 B
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	--	--	--	--	--	--	--	0.07 B	0.4 B	**26.4**	**1.9**	0.088 B	--	0.62 B
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	--	--	--	--	--	--	--	0.086 B	0.21 B	**30.5**	**2.1**	0.063 B	--	0.32 B
MRC-MW73B-110907	MRC-MW73B	20071109	**24.8**	2.7	0.15 B	4.1 B	17.1	1.6 U	0.25 U	37.5	--	0.11 B	**0.29 L**	**23.6**	**1.5**	0.058 B	--	0.53 B
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	0.13 B	**0.68 J**	**64**	0.37 J	0.13 U	--	0.71 U
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	--	--	0.84 U	**0.86 J**	**57**	0.4 U	0.31 U	--	1.1 J
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	**55.4**	0.33 J	0.13 U	--	0.71 U
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	0.17 U	0.49 U	**78**	0.16 U	0.061 U	--	0.6 U
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	0.05 B	**0.75 J**	**60.8**	**0.87 J**	0.14 B	--	1.9 J
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	--	--	--	--	--	--	--	2 U	**0.71**	**46.3**	**1.4**	0.12 B	--	0.34 B
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	--	--	--	--	--	--	--	0.055 U	**1.1**	**48.3**	**0.72**	0.26 B	--	0.77
MRC-MW74A-111307	MRC-MW74A	20071114	**26.1**	3.4	0.43 B	4.9 B	7.7	1.6 U	0.25 U	28	--	0.048 U	**0.46**	**36**	**1.2**	0.12	--	0.21 B
MRC-MW74A-121107	MRC-MW74A	20071211	**31.1 J**	6.5	0.55	0.58 UL	12.7	**1.2**	0.27 U	**622**	--	0.26 B	**0.43**	**39.3**	**2**	**0.54**	--	0.2 B
MRC-MW74A-121207	MRC-MW74A	20071212	**36.9 J**	8	0.25	0.58 UL	14	1.2 U	0.27 U	**134**	--	0.079 B	**0.43**	**42.6**	**2.6**	0.24	--	0.14 U
MRC-MW74A-121407	MRC-MW74A	20071214	**43.9 J**	**9.5**	0.23	0.58 UL	16.4	1.2 U	0.27 U	91.1	--	0.055 U	**0.5**	**45.3**	**2.8**	0.23	--	0.14 U
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	0.19 J	**0.87 J**	**32**	0.24 J	0.13 U	--	0.71 U
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	--	--	0.39 U	**0.46 J**	**46**	0.4 U	0.31 U	--	0.96 J
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	0.16 U	0.49 U	**39**	0.12 U	0.061 U	--	0.6 U
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	**34.9**	0.23 J	0.13 U	--	0.71 U
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	0.1 B	0.28 B	**33.2**	0.39 B	0.11 B	--	1.2 J
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	--	--	--	--	--	--	--	0.043 B	0.46 B	**38.2**	0.47 B	0.14 B	--	0.34 B
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	--	--	--	--	--	--	--	0.055 U	0.21 U	**33.1**	0.34	0.1 B	--	0.26 B
MRC-MW74B-103007	MRC-MW74B	20071030	**25.6**	4.1	1.5	6.5 B	27.9	1.6 U	0.25 U	42.5	--	0.38 B	0.59 B	**36.5**	**1.3 L**	0.078 B	--	4.1
MRC-MW74B-110107	MRC-MW74B	20071101	**27.3**	4.5	0.43	0.86 B	29.2	1.6 U	0.55 B	48.9	--	0.067 B	0.6 B	**38.6**	**1.5 L**	0.068 B	--	2.2
MRC-MW74B-110207	MRC-MW74B	20071102	**25.4**	4.7	0.42	3.5 B	29.2	1.6 U	0.58 B	52.9	--	0.095 B	0.37 B	**38.5**	**1.8 L**	0.09 B	--	1.1 B
MRC-MW74B-111307	MRC-MW74B	20071114	**32.7**	3.1	0.17 B	5.4 B	24.7	1.6 U	0.25 U	46.6	--	0.13 B	0.27 U	**33.4**	**0.98**	0.093	--	0.054 UL
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	0.18 J	**1.3 J**	**34**	0.2 J	0.13 U	--	0.84 J
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	0.13 U	**0.76 J**	**41**	0.2 U	0.13 U	--	2.2
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	0.27 B	**1.1 J**	**32**	0.22 B	0.025 U	--	3.5
MRC-MW74C-110308	MRC-MW74C	20081103	--	--	--	--	--	--	--	--	--	0.018 U	**2.5**	**55.6**	**0.96**	0.004 UL	--	**17.5**
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	0.13 U	**2.8 J**	**310**	**1.9**	0.13 U	--	0.71 U
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)															
			COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE	SILVER	SODIUM	THALLIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	13	NC	65	NC	NC	NC	NC	470	NC	20	NC	NC	3.2	NC	NC
		NRWQC Chronic	NC	9	NC	2.5	NC	NC	NC	NC	52	NC	5	NC	NC	NC	NC	NC
		BTAG	23	9	300	2.5	82000	120	0.026	73	52	53000	1	NC	NC	3.2	680000	0.8
		AWQC	NC	NC	NC	NC	NC	100	NC	NC	4600	NC	4200	NC	NC	NC	NC	0.47
MRC-MW73A-073008	MRC-MW73A	20080730	17.2	3.7 B	**3170**	0.6 B	--	**114**	0.2 U	2 U	42.9 L	--	0.35 B	--	--	1 U	--	1 U
MRC-MW73A-110907	MRC-MW73A	20071109	**42.3 J**	2.2	--	0.35 J	--	--	0.1 UL	0.66 UL	51.5 J	--	1.6 U	--	--	0.021 UL	--	0.023 U
MRC-MW73B-03162012	MRC-MW73B	20120316	15	5.4	--	0.18 U	--	--	0.12 U	0.11 B	19	--	0.57 UL	--	--	0.08 U	--	0.24 B
MRC-MW73B-032317	MRC-MW73B	20170323	19 J	6.7 J	--	0.41 J	--	--	0.13 U	0.51 UJ	25 J	--	0.98 J	--	--	0.03 UJ	--	0.28 UJ
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	18	5.5	--	0.29 U	--	--	0.09 U	0.23 U	18	--	0.64 J	--	--	0.02 U	--	0.077 U
MRC-MW73B-041911	MRC-MW73B	20110419	14.2	5.7	--	0.19 J	--	--	0.12 U	0.093 U	17.9	--	1.2 U	--	--	0.08 U	--	0.14 U
MRC-MW73B-060410	MRC-MW73B	20100604	19.2	3.8 B	**826**	0.019 UL	--	**102**	0.1 U	0.27 U	19.5	--	0.13 U	--	--	0.015 U	--	0.13 U
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	17.2	4.7	174	0.19 B	--	91	0.1 U	0.12 U	19.4	--	0.33 B	--	--	0.003 U	--	0.15 B
MRC-MW73B-081109	MRC-MW73B	20090811	17.8	4.8	67.2 B	0.069 B	--	89.5	0.1 U	0.2 U	24.2	--	0.28 B	--	--	0.033 U	--	0.12 U
MRC-MW73B-110907	MRC-MW73B	20071109	**26.2 J**	3	--	0.13 B	--	--	0.1 UL	0.66 UL	16.9 J	--	1.6 U	--	--	0.021 UL	--	0.023 U
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	9.5	0.96 B	--	0.18 U	--	--	0.12 U	0.096 B	3.6 K	--	0.73 J	--	--	0.08 U	--	0.14 U
MRC-MW74A-032217	MRC-MW74A	20170322	1.7	2.3	--	0.64 U	--	--	0.13 U	1.3 U	0.65 J	--	1 J	--	--	0.03 U	--	0.28 U
MRC-MW74A-041511	MRC-MW74A	20110415	7.1	0.97 B	--	0.18 UL	--	--	0.12 U	0.093 U	1.4 J	--	1.2 UL	--	--	0.08 U	--	0.14 U
MRC-MW-74A-041516	MRC-MW74A	20160415	1.1	0.75 U	--	0.25 U	--	--	0.09 U	0.23 U	0.47 U	--	**1.2 J**	--	--	0.02 U	--	0.074 U
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	**45.2**	5.1 B	**4580**	0.17 B	--	**3370**	0.1 U	0.27 U	9.7	--	1 J	--	--	0.015 U	--	0.13 U
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	**31.8**	5.9	231	0.098 B	--	**1030**	0.2 U	2 U	10.5 L	--	0.76 B	--	--	1 U	--	1 U
MRC-MW74A-081409	MRC-MW74A	20090814	18.9	2.1 K	**314**	0.21 B	--	**1850**	0.1 U	0.2 U	4.6	--	**1.9**	--	--	0.033 U	--	0.12 U
MRC-MW74A-111307	MRC-MW74A	20071114	**28.7**	3.6	--	0.46 B	--	--	0.1 U	0.66 U	8.3	--	1.6 U	--	--	0.021 U	--	0.023 U
MRC-MW74A-121107	MRC-MW74A	20071211	**31.9 J**	6.7	--	0.29	--	--	0.1 U	0.58 UL	13.2	--	1.2 U	--	--	0.01 U	--	0.074 B
MRC-MW74A-121207	MRC-MW74A	20071212	**39.9 J**	8.5	--	0.24	--	--	0.1 U	0.58 UL	15.4	--	**1.4**	--	--	0.01 U	--	0.054 B
MRC-MW74A-121407	MRC-MW74A	20071214	**45.4 J**	**9.8**	--	0.22	--	--	0.1 U	0.58 UL	17	--	**1.3**	--	--	0.01 U	--	0.048 B
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	**780**	--	--	80	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	1.6	0.62 J	--	0.18 U	--	--	0.12 U	0.61 B	13	--	0.57 U	--	--	0.08 U	--	0.56 B
MRC-MW74B-032217	MRC-MW74B	20170322	3.2	1.6 U	--	0.75 U	--	--	0.13 U	0.51 U	8.7	--	0.48 U	--	--	0.03 U	--	0.28 U
MRC-MW-74B-041316	MRC-MW74B	20160413	0.94 J	0.75 U	--	0.31 J	--	--	0.09 U	0.23 U	7.8	--	0.25 U	--	--	0.02 U	--	0.074 U
MRC-MW74B-041511	MRC-MW74B	20110415	6.6	0.66 B	--	0.18 UL	--	--	0.12 U	0.093 U	15.8	--	1.2 UL	--	--	0.08 U	--	0.14 U
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	13.8	2.6 B	**1240**	0.099 B	--	**202**	0.1 U	0.27 U	17.6	--	0.26 B	--	--	0.015 U	--	0.19 B
MRC-MW74B-073108	MRC-MW74B	20080731	**53.7**	0.67 B	195	0.19 B	--	**667**	0.1 U	0.12 U	29.2	--	0.14 U	--	--	0.003 U	--	0.11 U
MRC-MW74B-081709	MRC-MW74B	20090817	**32.2**	0.88 K	292	0.11 B	--	**437**	0.1 U	0.28 B	21.7	--	0.14 U	--	--	0.033 U	--	0.21 B
MRC-MW74B-103007	MRC-MW74B	20071030	**26.3**	4.3	--	1.4	--	--	0.1 U	1.7 B	28.1	--	1.6 U	--	--	0.021 U	--	0.023 U
MRC-MW74B-110107	MRC-MW74B	20071101	**28.3**	4.7	--	0.43	--	--	0.1 U	0.66 U	29.5	--	1.6 U	--	--	0.04 B	--	0.023 U
MRC-MW74B-110207	MRC-MW74B	20071102	**26.2**	5.2	--	0.32	--	--	0.1 U	0.97 B	30.4	--	1.6 U	--	--	0.021 U	--	0.023 U
MRC-MW74B-111307	MRC-MW74B	20071114	**31.9**	3.3	--	0.17 B	--	--	0.1 U	0.66 U	24.1	--	1.6 U	--	--	0.021 U	--	0.023 U
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	1.7	1 J	--	0.51 J	--	--	0.12 U	0.1 B	6.5	--	0.57 U	--	--	0.08 U	--	0.14 U
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	2.7	3.5 B	--	0.94 J	--	--	0.1 U	0.22 L	6.6	--	1.2 U	--	--	0.08 U	--	0.13 UL
MRC-MW74C-060710	MRC-MW74C	20100607	2.4	3.4 B	**4630**	0.71 J	--	45	0.1 U	0.75 B	4.3	--	0.15 B	--	--	0.015 U	--	0.13 U
MRC-MW74C-110308	MRC-MW74C	20081103	6.1	7.6	**16600**	**3.3**	--	65.7	0.1 U	7.5	13.5	--	0.39	--	--	0.003 U	--	0.14 B
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	**320**	6.9	--	0.18 U	--	--	0.12 U	0.5 B	**110**	--	0.57 U	--	--	0.08 U	--	0.14 U
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE				MICROBIOLOGICAL (CELLS/ML)														
			URANIUM-238	VANADIUM	ZINC	DEHALOBACTER	DEHALOCOCCOIDES	TCE R-DASE	ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON
			UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		NRWQC Acute	NC	NC	120	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.022	NC
		NRWQC Chronic	NC	NC	120	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.0052	NC
		BTAG	2.6	20	120	NC	NC	NC	NC	0.019	0.019	NC	NC	NC	NC	230	0.005	NC
		AWQC	NC	NC	26000	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MRC-MW73A-073008	MRC-MW73A	20080730	--	3.1	64.6	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	0.63	73.4	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	0.44 UL	40 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	0.82 J	51 J	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	0.52 J	37	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	0.51 J	42.8	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	1.2 B	56.6	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	0.57	45.1	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	--	0.6 U	73.7	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	0.41	38.8	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	0.44 UL	26 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	1 J	13 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	0.44 U	41 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	0.49 J	21	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	2.5 J	119	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	20 U	41.5	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	--	0.6 U	35.6 K	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	0.25 U	30.7	--	--	--	--	--	--	--	--	--	--	18.5	--	--
MRC-MW74A-121107	MRC-MW74A	20071211	--	0.27 U	**630**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	--	0.27 U	**143**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	--	0.27 U	91.5	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	1.6 J	0.5 U	0.5 U	52	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	0.44 U	**350**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	1.6 J	54	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-041316	MRC-MW74B	20160413	--	0.75 J	52	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	0.44 U	**380**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	2.1 J	**290**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	1	**626**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	--	0.6 U	**318**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	--	0.25 U	43.5	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	--	0.35 B	50.6	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	--	0.26 B	54.3	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	0.37	46.5	--	--	--	--	--	--	--	--	--	--	20.8	--	--
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	1.1 J	**150**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	2.4 J	**418**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	4.9 J	**361**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	--	**23.4**	23.8 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	0.44 U	**150**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)															
			HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE-N	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL SUSPENDED SOLIDS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		NRWQC Acute	0.016	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	0.011	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	0.011	NC	NC	0.02	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		AWQC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	6	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	2E-04	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	0.1	0.1 U	--	--	--	--	--	25.1	100	--	3	--	--	9
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	8E-05 U	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	24	130	--	1.9	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	6E-05 J	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	0.9	0.1 U	--	--	--	--	--	11.2	96	--	1	--	--	16
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	3E-04 J	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOU	MISCELLANEOUS PARAMETERS		PCB HOMOLOGS (UG/L)						PCB HOMOLOGS, FILTERED		PCBS (UG/L)			
			PH	BROMIDE	PERCHLORATE	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	AROCLOR-1254	AROCLOR-1260	DICHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
			S.U.	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	NC	NC	0.014	0.014
		BTAG	NC	NC	NC	7E-05	NC	NC	7E-05	7E-05	NC	NC	7E-05	7E-05	7E-05	7E-05	7E-05	7E-05
		AWQC	NC	NC	NC	6E-05	NC	NC	6E-05	6E-05	NC	NC	6E-05	6E-05	6E-05	6E-05	6E-05	6E-05
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	0.006 U	0.033 U	0.016 U	0.006 U	0.015 U	0.014 U	0.007 U	--	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	0.14 J	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121107	MRC-MW74A	20071211	5.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	4.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	0.006 U	0.031 U	0.015 U	0.006 U	**0.014 J**	0.013 U	0.007 U	--	--	--	--	--	--
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	0.06 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	5.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	5.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	5.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	0.006 U	0.031 U	0.016 U	0.006 U	0.015 U	0.014 U	0.007 U	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

						PETROLEUM	PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)				SEMIVOLATILE			
SAMPLE ID	LOCATION ID	SAMPLE DATE	PENTACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND	OIL & GREASE - HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-230	URANIUM-233/234	URANIUM-235	URANIUM-238	1,4-DIOXANE	1,4-DIOXANE	2,4,5-TRICHLOROPHENOL	2,4-DICHLOROPHENOL
			UG/L	UG/L	UG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	0.014	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	7E-05	7E-05	7E-05	NC	NC	NC	NC	NC	NC	2.6	2.6	2.6	NC	22000	NC	11
		AWQC	6E-05	6E-05	6E-05	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	600	60
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	3 U	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	0.31	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	3 U	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	0.057 U	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	3 U	--	--
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	0.26	--	--
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	2.9 U	--	--
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	0.47 U	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	--	--	--	0.49 U	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	0.49 U	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	--	--	--	--	--	--	--	--	--	--	--	--	--	1 U	10 U	10 U
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	14	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)															
			2-CHLOROPHENOL	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	24	4.7	5.8	NC	0.012	NC	NC	0.018	0.015	NC	NC	NC	16	19	NC	NC
		AWQC	800	NC	90	NC	400	NC	NC	0.0013	0.0001	0.0013	NC	0.013	0.37	0.1	NC	NC
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	TENTATIVELY IDENTIFIED COMPOUNI 1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	NC	3.7	210	0.04	3	NC	1.1	0.4	4	0.025	NC	NC	NC	NC	NC
		AWQC	0.13	0.0001	NC	600	20	70	0.0013	NC	NC	300000	30	NC	NC	NC	400	NC
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	--	--	--	--
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	OS-VOLATILES (UG/L)				VOLATILE GASES (UG/L)											
			DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	ETHANE	ETHENE	METHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	NC	NC	NC	NC	NC	NC	1200	NC	47	25	8	NC	24	33	0.7
		AWQC	NC	NC	NC	NC	NC	NC	NC	8.9	NC	NC	20000	NC	NC	0.076	NC	3000
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	1.8 U	0.94 U	1.2 U	1.1 U	0.037 U	0.94 U	0.75 U	0.81 U
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	0.34 U	0.41 U	0.25 U	0.27 U	--	--	0.27 U	--	0.26 U
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	2 U	--	2 U	--	1 U
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	0.34 U	0.64 U	0.43 U	0.64 U	--	--	0.46 U	--	0.36 U
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	1.9 U	1 U	1.3 U	1.1 U	0.039 U	1 U	0.8 U	0.87 U
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	1.4 U	0.75 U	0.95 U	0.85 U	0.03 U	0.75 U	0.6 U	0.65 U
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	0.31 U	0.2 U	0.57 U	0.82 U	--	0.23 U	0.2 U	0.21 U
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	--	--	--	--	--	--	4 U	4 U	4 U	4 U	20 U	4 U	4 U	4 U
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	--	--	--	--	--	--	1.4 U	0.75 U	0.95 U	0.85 U	0.03 U	0.75 U	0.6 U	0.65 U
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	--	5.7 U	5.7 U	5.7 U	5.7 U	29 U	5.7 U	5.7 U	5.7 U
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	1.9 U	1 U	1.3 U	1.1 U	0.039 U	1 U	0.8 U	0.87 U
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	0.24 U	0.45 U	0.3 U	0.45 U	--	--	0.32 U	--	0.25 U
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	1.1 U	1.4 U	0.83 U	0.9 U	--	--	0.9 U	--	0.87 U
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	0.7 U	0.38 U	0.48 U	0.42 U	0.015 U	0.38 U	0.3 U	0.32 U
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	0.24 U	0.45 U	0.3 U	0.45 U	--	--	0.32 U	--	0.25 U
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	0.33 U	0.26 U	0.28 U	0.29 U	0.93 U	--	0.82 U	--	0.38 U
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	0.7 U	0.38 U	0.48 U	0.42 U	0.015 U	0.38 U	0.3 U	0.32 U
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	0.31 U	0.2 U	0.57 U	0.82 U	--	0.23 U	0.2 U	0.21 U
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	--	--	--	--	--	--	250 U	250 U	250 U	250 U	1200 U	250 U	250 U	250 U
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	--	--	--	--	--	--	7 U	3.8 U	4.8 U	4.2 U	0.15 U	3.8 U	3 U	3.2 U
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	0.57	0.33 J	13	--	2000 U	2000 U	2000 U	2000 U	10000 U	2000 U	2000 U	2000 U
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	--	1700 U	1700 U	1700 U	1700 U	8300 U	1700 U	1700 U	1700 U
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	--	1700 U	1700 U	1700 U	1700 U	8300 U	1700 U	1700 U	1700 U
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	--	2000 U	2000 U	2000 U	2000 U	10000 U	2000 U	2000 U	2000 U
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	11 U	6 U	7.6 U	6.8 UJ	0.24 U	6 UJ	4.8 U	5.2 U
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	0.68	0.13 U	19	600 U	1100 U	750 U	1100 U	--	--	800 U	--	630 U
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	280 U	150 U	190 U	170 U	5.9 U	150 U	120 U	130 U
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	850 U	1000 U	630 U	680 U	--	--	680 U	--	650 U
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	300 U	560 U	380 U	560 U	--	--	400 U	--	310 U
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	230 U	120 U	160 U	140 U	4.9 U	120 U	100 U	110 U
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	0.43 J	106	1 U	3.3	2 U	--	2 U	--	1 U
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	7.7	1 U	2.9 U	4.1 U	--	1.2 U	1 U	1.1 U
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	200 U	110 U	140 U	120 U	4.2 U	110 U	86 U	93 U
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	--	--	--	--	--	--	500 U	500 U	500 U	500 U	2500 U	500 U	500 U	500 U
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	--	--	--	--	--	--	180 U	94 U	120 U	110 U	3.7 U	94 U	75 U	81 U
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	--	100 U	100 U	100 U	100 U	500 U	100 U	100 U	100 U
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	--	200 U	200 U	200 U	200 U	1000 U	200 U	200 U	200 U
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	--	250 U	250 U	250 U	250 U	1200 U	250 U	250 U	250 U
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	0.41 J	0.88	0.44 J	--	330 U	330 U	330 U	330 U	1700 U	330 U	330 U	330 U
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	350 U	190 U	240 U	210 UJ	7.4 U	190 UJ	150 U	160 U
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW74C-110308	MRC-MW74C	20081103	--	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	5 U	1 U	0.26 B	1 U
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	0.56 U	0.3 U	0.38 U	0.34 UJ	0.012 U	0.3 U	0.24 U	0.26 U
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	3.5 U	1.9 U	5.4 J	2.1 U	0.074 U	1.9 U	1.5 U	1.6 U
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	17 U	21 UJ	13 U	14 U	18 U	--	14 U	--	13 U
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	1.2 U	2.3 U	2.1 J	2.8 J	--	--	1.6 U	--	1.3 U
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	16 U	30 U	20 U	30 U	--	--	21 U	--	17 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	2-HEXANONE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMODICHLOROMETHANE	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	100	NC	71	150	26	14000	99	85	170	1500	370	NC	NC	0.92	13.3	1.3
		AWQC	650	31	NC	10	900	NC	NC	NC	NC	NC	16	27	10000	NC	5	800
MRC-MW73A-073008	MRC-MW73A	20080730	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW73A-110907	MRC-MW73A	20071109	1 U	1 U	--	1 U	1 U	5 U	5 U	1 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW73B-03162012	MRC-MW73B	20120316	1.4 U	1.1 U	--	0.88 U	0.81 U	3.6 U	2.6 U	0.75 U	2 U	6.9 U	0.81 U	0.94 U	2.6 U	0.81 U	0.81 U	0.94 U
MRC-MW73B-032317	MRC-MW73B	20170323	0.3 U	0.3 U	--	0.32 U	0.23 U	1 UJ	1.2 UJ	--	0.71 U	1.8 UJ	0.28 U	0.3 U	0.42 UJ	0.34 U	0.35 U	0.32 U
MRC-MW-73B-041515	MRC-MW73B	20150415	1 U	1 U	--	1 U	1 U	10 U	5 U	--	5 U	10 U	1 U	1 U	0.57 U	1 UJ	1 U	0.27 J
MRC-MW-73B-041516	MRC-MW73B	20160415	0.33 U	0.36 U	--	0.27 U	0.39 U	0.76 UJ	0.69 UJ	--	1.4 U	1.3 UJ	0.5 U	0.41 U	0.63 UJ	0.54 U	0.61 U	0.36 U
MRC-MW73B-041911	MRC-MW73B	20110419	1.5 U	1.2 U	--	0.93 U	0.87 U	3.8 U	2.7 U	0.8 U	2.1 U	7.3 U	0.87 U	1 U	2.7 U	0.87 U	0.87 U	1 U
MRC-MW73B-060410	MRC-MW73B	20100604	1.1 U	0.9 U	--	0.7 U	0.65 U	2.8 U	2 U	0.6 U	1.6 U	10 J	0.65 U	0.75 U	2 U	0.65 U	0.65 U	0.75 U
MRC-MW73B-060614	MRC-MW73B	20140606	0.36 U	0.2 U	--	0.2 U	0.2 U	0.81 U	1.7 U	0.2 U	0.67 U	1.3 U	0.2 U	0.32 U	0.29 U	0.22 U	0.45 U	0.29 U
MRC-MW73B-073108	MRC-MW73B	20080731	4 U	4 U	--	4 U	4 U	2.8 B	20 U	4 U	20 U	20 U	4 U	4 U	4 U	4 U	4 U	4 U
MRC-MW73B-081109	MRC-MW73B	20090811	1.1 U	0.9 U	--	0.7 U	0.65 U	2.8 U	2 U	0.6 U	1.6 U	5.5 U	0.65 U	0.75 U	2 U	0.65 U	0.65 U	0.75 U
MRC-MW73B-110907	MRC-MW73B	20071109	5.7 U	5.7 U	--	5.7 U	5.7 U	29 U	29 U	5.7 U	29 U	29 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U
MRC-MW73B-20130319	MRC-MW73B	20130319	1.5 U	1.2 U	--	0.93 U	0.87 U	3.8 U	2.7 U	0.8 U	2.1 U	7.3 U	0.87 U	1 U	2.7 U	0.87 U	0.87 U	1 U
MRC-MW-74A-012816	MRC-MW74A	20160128	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 U	0.48 U	--	0.99 U	0.94 U	0.35 U	0.29 U	0.44 U	0.38 U	0.43 U	0.25 U
MRC-MW74A-03162012	MRC-MW74A	20120316	0.22 U	0.18 U	--	0.45 J	0.65 J	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW74A-032217	MRC-MW74A	20170322	1 U	1 U	--	1.1 U	0.77 U	3.4 U	4.1 U	--	2.4 U	5.9 U	0.93 U	1 U	1.4 U	1.1 U	1.2 U	1.1 U
MRC-MW74A-041511	MRC-MW74A	20110415	0.55 U	0.45 U	--	0.64 J	1.3 J	1.4 U	1 U	0.3 U	0.8 U	2.8 U	0.32 U	0.38 U	1 U	0.32 U	0.32 U	0.38 U
MRC-MW74A-041516	MRC-MW74A	20160415	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 UJ	0.48 UJ	--	0.99 U	0.94 UJ	0.35 U	0.29 U	0.44 UJ	0.38 U	0.43 U	0.25 U
MRC-MW-74A-051115	MRC-MW74A	20150511	0.32 U	0.24 U	--	0.33 J	0.68 J	1.8 U	1.3 U	--	1.5 U	3.1 U	0.23 U	0.27 U	0.39 U	0.23 U	0.31 U	0.19 U
MRC-MW74A-060410	MRC-MW74A	20100604	0.55 U	0.45 U	--	0.45 J	1.3 J	1.4 U	1 U	0.3 U	0.8 U	5.7 J	0.32 U	0.38 U	1 U	0.32 U	0.32 U	1.3 J
MRC-MW74A-060614	MRC-MW74A	20140606	0.36 U	0.2 U	--	0.32 J	0.64 J	0.81 U	1.7 U	0.2 U	0.67 U	1.6 J	0.2 U	0.32 U	0.29 U	0.22 U	0.45 U	0.29 U
MRC-MW74A-073008	MRC-MW74A	20080730	250 U	250 U	--	250 U	250 U	1200 U	1200 U	250 U	1200 U	1200 U	250 U	250 U	250 U	250 U	250 U	250 U
MRC-MW74A-081409	MRC-MW74A	20090814	5.5 U	4.5 U	--	3.5 U	3.2 U	14 U	10 U	3 U	8 U	28 U	3.2 U	3.8 U	10 U	3.2 U	3.2 U	3.8 U
MRC-MW74A-111307	MRC-MW74A	20071114	2000 U	2000 U	--	2000 U	2000 U	1200 B	10000 U	2000 U	10000 U	10000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U
MRC-MW74A-121107	MRC-MW74A	20071211	1700 U	1700 U	--	1700 U	1700 U	8300 U	8300 U	1700 U	8300 U	8300 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
MRC-MW74A-121207	MRC-MW74A	20071212	1700 U	1700 U	--	1700 U	1700 U	8300 U	8300 U	1700 U	8300 U	8300 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
MRC-MW74A-121407	MRC-MW74A	20071214	2000 U	2000 U	--	2000 U	2000 U	10000 U	10000 U	2000 U	10000 U	10000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U
MRC-MW74A-20130321	MRC-MW74A	20130321	8.8 U	7.2 U	--	5.6 U	5.2 U	23 UJ	16 UJ	4.8 U	13 UJ	55 J	5.2 U	6 U	16 U	5.2 U	5.2 U	6 U
MRC-MW-74B-012816	MRC-MW74B	20160128	580 U	630 U	--	480 U	680 U	1300 U	1200 U	--	2500 U	2400 U	880 U	730 U	1100 U	950 U	1100 U	630 U
MRC-MW74B-03192012	MRC-MW74B	20120319	220 U	180 U	--	140 U	130 U	570 U	410 U	120 U	320 U	1100 U	130 U	150 U	410 U	130 U	130 U	150 U
MRC-MW74B-032217	MRC-MW74B	20170322	750 U	750 U	--	800 U	580 U	2600 U	3100 U	--	1800 U	4400 U	700 U	750 U	1100 U	850 U	880 U	800 U
MRC-MW-74B-041316	MRC-MW74B	20160413	290 U	310 U	--	240 U	340 U	660 U	600 U	--	1200 U	1200 U	440 U	360 U	550 UJ	480 U	540 U	310 U
MRC-MW74B-041511	MRC-MW74B	20110415	180 U	150 U	--	120 U	110 U	470 U	340 U	100 U	270 U	920 U	110 U	120 U	340 U	110 U	110 U	120 U
MRC-MW-74B-051315	MRC-MW74B	20150513	1 U	1 U	--	1 U	0.95 J	10 U	5 U	--	5 U	10 U	1 U	1 U	1 U	1 U	1 U	**6.3**
MRC-MW74B-060614	MRC-MW74B	20140606	1.8 U	1 U	--	1 U	1 U	4.1 U	8.3 U	1 U	3.4 U	6.2 U	1 U	1.6 U	1.5 U	1.1 U	2.3 U	1.5 U
MRC-MW74B-060710	MRC-MW74B	20100607	160 U	130 U	--	100 U	93 U	410 U	290 U	86 U	230 U	790 U	93 U	110 U	290 U	93 U	93 U	110 U
MRC-MW74B-073108	MRC-MW74B	20080731	500 U	500 U	--	500 U	500 U	380 B	2500 U	500 U	2500 U	2500 U	500 U	500 U	500 U	500 U	500 U	500 U
MRC-MW74B-081709	MRC-MW74B	20090817	140 U	110 U	--	88 U	81 U	360 U	260 U	75 U	200 U	690 U	81 U	94 U	260 U	81 U	81 U	94 U
MRC-MW74B-103007	MRC-MW74B	20071030	100 U	100 U	--	100 U	100 U	500 U	500 U	100 U	500 U	500 U	100 U	100 U	100 U	100 U	100 U	100 U
MRC-MW74B-110107	MRC-MW74B	20071101	200 U	200 U	--	200 U	200 U	1000 U	1000 U	200 U	1000 U	1000 U	200 U	200 U	200 U	200 U	200 U	200 U
MRC-MW74B-110207	MRC-MW74B	20071102	250 U	250 U	--	250 U	250 U	1200 U	1200 U	250 U	1200 U	1200 U	250 U	250 U	250 U	250 U	250 U	250 U
MRC-MW74B-111307	MRC-MW74B	20071114	330 U	330 U	--	330 U	330 U	270 B	1700 U	330 U	1700 U	1700 U	330 U	330 U	330 U	330 U	330 U	330 U
MRC-MW74B-20130321	MRC-MW74B	20130321	280 U	230 U	--	180 U	160 U	710 UJ	510 UJ	150 U	400 UJ	**1900 J**	160 U	190 U	510 U	160 U	160 U	190 U
MRC-MW74C-03192012	MRC-MW74C	20120319	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW74C-060710	MRC-MW74C	20100607	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	7.9	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW74C-110308	MRC-MW74C	20081103	1 U	1 U	--	1 U	1 U	1.2 B	5 U	0.36 B	5 U	5.5 B	1 U	1 U	1 U	**8.4**	1 U	1 U
MRC-MW74C-20130319	MRC-MW74C	20130319	0.44 U	0.36 U	--	0.28 U	0.26 U	1.1 U	0.82 U	0.24 U	0.64 U	2.2 U	0.26 U	0.3 U	0.82 U	0.26 U	0.26 U	0.3 U
MRC-MW79B-03192012	MRC-MW79B	20120319	2.8 U	2.3 U	--	1.8 U	1.6 U	7.1 U	5.1 U	1.5 U	4 U	14 U	1.8 J	1.9 U	5.1 U	1.6 U	1.6 U	1.9 U
MRC-MW79B-032817	MRC-MW79B	20170328	15 U	15 U	--	16 U	12 U	51 U	62 U	--	36 U	88 U	14 U	15 U	21 U	17 UJ	18 U	16 U
MRC-MW-79B-032916	MRC-MW79B	20160328	1.2 U	1.3 U	--	0.95 U	1.4 U	2.7 U	2.4 U	--	5 U	4.7 U	1.8 U	1.5 U	2.2 U	1.9 U	2.2 U	1.3 U
MRC-MW-79B-041516	MRC-MW79B	20160415	15 U	17 U	--	13 U	18 U	35 UJ	32 UJ	--	66 U	63 UJ	23 U	19 U	29 UJ	25 U	29 U	17 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)															
			CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CYCLOHEXANE	ETHYL TERT-BUTYL ETHER	FLUORODICHLOROMETHANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	1.8	NC	NC	NC	NC	NC	2.6	NC	NC	11070	98.1	1.1	128	NC	NC
		AWQC	NC	2000	NC	NC	NC	NC	NC	NC	NC	NC	NC	1000	NC	NC	NC	NC
MRC-MW73A-073008	MRC-MW73A	20080730	1 U	1 U	1 U	1 U	--	--	--	1 U	2 U	--	5 U	1 U	1 U	1 U	1 U	1 U
MRC-MW73A-110907	MRC-MW73A	20071109	1 U	0.17 J	1 U	1 U	--	5 U	--	1 U	2 U	--	5 U	1 U	1 U	1 U	1 U	1 U
MRC-MW73B-03162012	MRC-MW73B	20120316	1.8 UJ	1 U	1.9 U	3.5 J	--	0.69 U	--	0.81 U	1.5 U	--	1.1 U	4.1 B	1.5 U	0.88 U	0.88 U	0.81 U
MRC-MW73B-032317	MRC-MW73B	20170323	0.41 U	0.31 U	0.43 U	0.79 J	0.44 U	--	--	0.21 U	--	0.45 U	0.27 U	0.53 U	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	1 U	1 U	1 U	3.5	1 U	--	--	1 U	2 U	1 UJ	1 U	1 U	--	--	1 U	--
MRC-MW-73B-041516	MRC-MW73B	20160415	0.46 U	0.36 U	0.63 U	1.6	0.64 U	--	--	0.5 U	--	0.61 U	0.29 U	0.47 U	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	1.9 U	1.1 U	2 U	3.5 J	--	0.73 U	--	0.87 U	1.6 U	--	1.1 U	3.3 J	1.6 U	0.93 U	0.93 U	0.87 U
MRC-MW73B-060410	MRC-MW73B	20100604	1.4 U	0.8 U	1.5 U	3.1 J	--	0.55 U	--	0.65 U	1.2 U	--	0.85 U	1.6 U	1.2 U	0.7 U	0.7 U	0.65 U
MRC-MW73B-060614	MRC-MW73B	20140606	0.24 U	0.25 U	0.21 U	2.2	--	0.2 U	--	0.2 U	0.33 U	--	0.29 U	0.32 U	0.2 UJ	0.2 U	0.2 U	0.27 U
MRC-MW73B-073108	MRC-MW73B	20080731	4 U	4 U	4 U	3.5 J	--	--	--	4 U	8 U	--	20 U	4 U	4 U	4 U	4 U	4 U
MRC-MW73B-081109	MRC-MW73B	20090811	1.4 U	0.8 U	1.5 U	3.5 J	--	0.55 U	--	0.65 U	1.2 U	--	0.85 U	1.6 U	1.2 U	0.7 U	0.7 U	0.65 U
MRC-MW73B-110907	MRC-MW73B	20071109	5.7 U	5.7 U	5.7 U	3.6 J	--	29 U	--	5.7 U	11 U	--	29 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U
MRC-MW73B-20130319	MRC-MW73B	20130319	1.9 U	1.1 U	2 U	2.1 J	--	--	--	0.87 U	1.6 U	--	1.1 U	2.2 U	1.6 UJ	0.93 U	0.93 U	0.87 U
MRC-MW-74A-012816	MRC-MW74A	20160128	0.32 U	0.25 U	0.44 U	0.78 J	0.45 U	--	--	0.35 U	--	0.43 U	0.2 U	0.33 U	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	0.29 UJ	0.16 U	0.3 U	0.81 J	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW74A-032217	MRC-MW74A	20170322	1.4 U	1 U	1.4 U	2.8 J	1.5 U	--	--	0.7 U	--	1.5 U	0.9 U	3.4 U	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	0.72 U	0.4 U	0.75 U	1.8 J	--	0.28 U	--	0.32 U	0.6 U	--	0.42 U	0.82 U	0.6 U	0.35 U	0.35 U	0.32 U
MRC-MW-74A-041516	MRC-MW74A	20160415	0.32 U	0.25 U	0.44 U	0.8 J	0.45 U	--	--	0.35 U	--	0.43 U	0.2 U	0.33 U	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	0.33 U	0.21 U	0.31 U	5.9	0.29 U	--	--	0.22 U	0.52 U	0.3 U	0.33 U	0.5 J	--	--	0.33 U	--
MRC-MW74A-060410	MRC-MW74A	20100604	0.72 U	0.4 U	0.75 U	2.7	--	0.28 U	--	0.32 U	0.6 U	--	0.42 U	0.82 U	0.6 U	0.35 U	0.35 U	0.32 U
MRC-MW74A-060614	MRC-MW74A	20140606	0.24 U	0.25 U	0.21 U	2	--	0.2 U	--	0.2 U	0.33 U	--	0.29 U	0.32 U	0.2 UJ	0.2 U	0.2 U	0.27 U
MRC-MW74A-073008	MRC-MW74A	20080730	250 U	250 U	250 U	520	--	--	--	250 U	500 U	--	1200 U	250 U	250 U	250 U	250 U	250 U
MRC-MW74A-081409	MRC-MW74A	20090814	7.2 U	4 U	7.5 U	35	--	2.8 U	--	3.2 U	6 U	--	4.2 U	8.2 U	6 U	3.5 U	3.5 U	3.2 U
MRC-MW74A-111307	MRC-MW74A	20071114	2000 U	2000 U	2000 U	2900	--	10000 U	--	2000 U	4000 U	--	10000 U	2000 U	2000 U	2000 U	2000 U	2000 U
MRC-MW74A-121107	MRC-MW74A	20071211	1700 U	1700 U	1700 U	2800	--	8300 U	--	1700 U	3300 U	--	8300 U	1700 U	1700 U	1700 U	1700 U	1700 U
MRC-MW74A-121207	MRC-MW74A	20071212	1700 U	1700 U	1700 U	2300	--	8300 U	--	1700 U	3300 U	--	8300 U	1700 U	1700 U	1700 U	1700 U	1700 U
MRC-MW74A-121407	MRC-MW74A	20071214	2000 U	2000 U	2000 U	2100	--	10000 U	--	2000 U	4000 U	--	10000 U	2000 U	2000 U	2000 U	2000 U	2000 U
MRC-MW74A-20130321	MRC-MW74A	20130321	12 U	6.4 U	12 U	29 J	--	--	--	5.2 U	9.6 U	--	6.8 U	18 B	9.6 UJ	5.6 U	5.6 U	5.2 U
MRC-MW-74B-012816	MRC-MW74B	20160128	800 U	630 U	1100 U	830 J	1100 U	--	--	880 U	--	1100 U	500 U	830 U	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	290 U	160 U	300 U	170 U	--	110 U	--	130 U	240 U	--	170 U	450 B	240 U	140 U	140 U	130 U
MRC-MW74B-032217	MRC-MW74B	20170322	1000 U	780 U	1100 U	750 U	1100 U	--	--	530 U	--	1100 U	680 U	4000 U	--	--	--	--
MRC-MW-74B-041316	MRC-MW74B	20160413	400 U	310 U	550 U	780 J	560 U	--	--	440 U	--	540 U	250 U	410 U	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	240 U	130 U	250 U	320 J	--	92 U	--	110 U	200 U	--	140 U	270 U	200 U	120 U	120 U	110 U
MRC-MW-74B-051315	MRC-MW74B	20150513	1 U	**7**	1 U	500	1 U	--	--	1 U	2 U	1 U	1 U	2.5	--	--	1 U	--
MRC-MW74B-060614	MRC-MW74B	20140606	1.2 U	1.3 U	1.1 U	21	--	1 U	--	1 U	1.7 U	--	1.5 U	1.6 U	1 UJ	1 U	1 U	1.4 U
MRC-MW74B-060710	MRC-MW74B	20100607	210 U	110 U	210 U	360 J	--	79 U	--	93 U	170 U	--	120 U	240 U	170 U	100 U	100 U	93 U
MRC-MW74B-073108	MRC-MW74B	20080731	500 U	500 U	500 U	260 J	--	--	--	500 U	1000 U	--	2500 U	500 U	500 U	500 U	500 U	500 U
MRC-MW74B-081709	MRC-MW74B	20090817	180 U	100 U	190 U	360 J	--	69 U	--	81 U	150 U	--	110 U	210 U	150 U	88 U	88 U	81 U
MRC-MW74B-103007	MRC-MW74B	20071030	100 U	100 U	100 U	100 U	--	500 U	--	100 U	200 U	--	500 U	100 U	100 U	100 U	100 U	100 U
MRC-MW74B-110107	MRC-MW74B	20071101	200 U	200 U	200 U	200 U	--	1000 U	--	200 U	400 U	--	1000 U	200 U	200 U	200 U	200 U	200 U
MRC-MW74B-110207	MRC-MW74B	20071102	250 U	250 U	250 U	250 U	--	1200 U	--	250 U	500 U	--	1200 U	250 U	250 U	250 U	250 U	250 U
MRC-MW74B-111307	MRC-MW74B	20071114	330 U	330 U	330 U	330 U	--	1700 U	--	330 U	670 U	--	1700 U	330 U	330 U	330 U	330 U	330 U
MRC-MW74B-20130321	MRC-MW74B	20130321	360 U	200 U	380 U	410 J	--	--	--	160 U	300 U	--	210 U	410 U	300 UJ	180 U	180 U	160 U
MRC-MW74C-03192012	MRC-MW74C	20120319	0.29 U	0.16 U	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	0.29 U	0.16 U	0.3 U	0.7 J	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW74C-060710	MRC-MW74C	20100607	0.29 U	0.16 U	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW74C-110308	MRC-MW74C	20081103	1 U	**8.8**	0.6 J	1 U	--	--	--	1 U	2 U	--	5 U	1 U	1 U	1 U	1 U	1 U
MRC-MW74C-20130319	MRC-MW74C	20130319	0.58 U	0.32 U	0.6 U	0.74 J	--	--	--	0.26 U	0.48 U	--	0.34 U	0.66 U	0.48 UJ	0.28 U	0.28 U	0.26 U
MRC-MW79B-03192012	MRC-MW79B	20120319	3.6 U	2 U	3.8 U	100	--	1.4 U	--	1.6 U	3 U	--	57 J	5.1 B	3 U	1.8 U	1.8 U	1.6 U
MRC-MW79B-032817	MRC-MW79B	20170328	21 U	16 U	22 U	1900	22 UJ	--	--	11 U	--	23 UJ	14 U	27 U	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	1.6 U	1.3 U	2.2 U	93	2.3 U	--	--	1.8 U	--	2.2 U	37	4.5 U	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	21 U	17 U	29 U	750	30 U	--	--	23 U	--	29 U	13 U	22 U	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	111	2	590	13	13	970	21	NC	16	930
		AWQC	NC	29	520	NC	NC	NC	4000	7	NC	NC	1.6
MRC-MW73A-073008	MRC-MW73A	20080730	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	1 U	2 U	1 U
MRC-MW73A-110907	MRC-MW73A	20071109	20 UR	1 U	1 U	--	2 U	--	1 U	**8.2**	1 U	2 U	1 U
MRC-MW73B-03162012	MRC-MW73B	20120316	24 UR	1.8 U	0.81 U	--	1.8 U	--	1.2 U	**200**	1.3 U	1.2 U	1.4 U
MRC-MW73B-032317	MRC-MW73B	20170323	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	**30**	0.5 U	--	0.45 U
MRC-MW-73B-041515	MRC-MW73B	20150415	--	1 U	1 U	--	--	--	1 U	**68.8**	1 U	--	1
MRC-MW-73B-041516	MRC-MW73B	20160415	--	0.44 U	0.33 U	--	0.74 U	0.74	0.43 U	**46**	0.7 UJ	--	0.41 U
MRC-MW73B-041911	MRC-MW73B	20110419	26 UR	1.9 U	0.87 U	--	1.9 U	--	1.3 U	**180**	1.4 U	1.3 U	1.5 U
MRC-MW73B-060410	MRC-MW73B	20100604	20 UR	1.4 U	0.65 U	--	1.4 U	--	0.95 U	**150**	1 U	0.95 U	1.1 U
MRC-MW73B-060614	MRC-MW73B	20140606	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	**100**	0.2 U	1.1 U	0.32 U
MRC-MW73B-073108	MRC-MW73B	20080731	80 UR	4 U	4 U	--	8 U	--	4 U	**160**	4 U	8 U	4 U
MRC-MW73B-081109	MRC-MW73B	20090811	20 UR	1.4 U	0.65 U	--	1.4 U	--	0.95 U	**200**	1 U	0.95 U	1.1 U
MRC-MW73B-110907	MRC-MW73B	20071109	110 UR	5.7 U	5.7 U	--	11 U	--	5.7 U	**210**	5.7 U	11 U	5.7 U
MRC-MW73B-20130319	MRC-MW73B	20130319	26 UR	1.9 U	0.87 U	--	1.9 U	--	1.3 U	**130**	1.4 U	1.3 UR	1.5 U
MRC-MW-74A-012816	MRC-MW74A	20160128	--	0.31 U	0.23 U	--	0.52 U	--	0.3 U	**25**	0.49 U	--	0.29 U
MRC-MW74A-03162012	MRC-MW74A	20120316	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	**30**	0.21 U	0.19 U	0.22 U
MRC-MW74A-032217	MRC-MW74A	20170322	--	1 U	0.77 U	--	0.8 U	--	0.97 U	**84**	1.7 U	--	1.5 U
MRC-MW74A-041511	MRC-MW74A	20110415	9.8 UR	0.72 U	0.32 U	--	0.7 U	--	0.48 U	**76**	0.52 U	0.48 U	0.55 U
MRC-MW-74A-041516	MRC-MW74A	20160415	--	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	**24**	0.49 UJ	--	0.29 U
MRC-MW-74A-051115	MRC-MW74A	20150511	--	0.35 U	0.23 U	--	--	--	0.26 U	**122**	0.24 U	--	0.3 U
MRC-MW74A-060410	MRC-MW74A	20100604	9.8 UR	0.72 U	0.32 U	--	0.7 U	--	0.48 U	**78**	0.52 U	0.48 U	0.55 U
MRC-MW74A-060614	MRC-MW74A	20140606	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	**83**	0.2 U	1.1 U	0.32 U
MRC-MW74A-073008	MRC-MW74A	20080730	5000 UR	250 U	250 U	--	500 U	--	250 U	**10000**	250 U	500 U	250 U
MRC-MW74A-081409	MRC-MW74A	20090814	98 UR	7.2 U	3.2 U	--	7 U	--	4.8 U	**690**	5.2 U	4.8 U	5.5 U
MRC-MW74A-111307	MRC-MW74A	20071114	40000 UR	2000 U	2000 U	--	4000 U	--	2000 U	**70000**	2000 U	4000 U	2000 U
MRC-MW74A-121107	MRC-MW74A	20071211	33000 UR	1700 U	1700 U	--	3300 U	--	1700 U	**64000**	1700 U	3300 U	1700 U
MRC-MW74A-121207	MRC-MW74A	20071212	33000 UR	1700 U	1700 U	--	3300 U	--	1700 U	**64000**	1700 U	3300 UJ	1700 U
MRC-MW74A-121407	MRC-MW74A	20071214	40000 UR	2000 U	2000 U	--	4000 U	--	2000 U	**68000**	2000 U	4000 U	2000 U
MRC-MW74A-20130321	MRC-MW74A	20130321	160 UR	12 U	5.2 U	--	11 U	--	7.6 U	**1400**	8.4 UJ	7.6 UR	8.8 U
MRC-MW-74B-012816	MRC-MW74B	20160128	--	780 U	580 U	--	1300 U	--	750 U	**33000**	1200 U	--	730 U
MRC-MW74B-03192012	MRC-MW74B	20120319	3900 UR	290 U	130 U	--	280 U	--	190 U	**30000**	210 U	190 UR	220 U
MRC-MW74B-032217	MRC-MW74B	20170322	--	750 U	580 U	--	600 U	--	730 U	**38000**	1300 U	--	1100 U
MRC-MW-74B-041316	MRC-MW74B	20160413	--	390 U	290 U	--	650 U	**650**	380 U	**37000**	610 UJ	--	360 U
MRC-MW74B-041511	MRC-MW74B	20110415	3200 UR	240 U	110 U	--	230 U	--	160 U	**23000**	170 U	160 U	180 U
MRC-MW-74B-051315	MRC-MW74B	20150513	--	1 U	1 U	--	--	--	2.6	**21800**	1 U	--	1 U
MRC-MW74B-060614	MRC-MW74B	20140606	54 U	1.5 U	1 U	--	2.7 U	--	1.7 U	**1900**	1 U	5.1 U	1.6 U
MRC-MW74B-060710	MRC-MW74B	20100607	2800 UR	210 U	93 U	--	200 U	--	140 U	**19000**	150 U	140 U	160 U
MRC-MW74B-073108	MRC-MW74B	20080731	10000 UR	500 U	500 U	--	1000 U	--	500 U	**12000**	500 U	1000 U	500 U
MRC-MW74B-081709	MRC-MW74B	20090817	2400 UR	180 U	81 U	--	180 U	--	120 U	**17000**	130 U	120 U	140 U
MRC-MW74B-103007	MRC-MW74B	20071030	2000 UR	100 U	100 U	--	200 U	--	100 U	**4000**	100 U	200 U	100 U
MRC-MW74B-110107	MRC-MW74B	20071101	4000 UR	200 U	200 U	--	400 U	--	200 U	**5800**	200 U	400 U	200 U
MRC-MW74B-110207	MRC-MW74B	20071102	5000 UR	250 U	250 U	--	500 U	--	250 U	**6900**	250 U	500 U	250 U
MRC-MW74B-111307	MRC-MW74B	20071114	6700 UR	330 U	330 U	--	670 U	--	330 U	**13000**	330 U	670 U	330 U
MRC-MW74B-20130321	MRC-MW74B	20130321	4900 UR	360 U	160 U	--	350 U	--	240 U	**40000**	260 UJ	240 UR	280 U
MRC-MW74C-03192012	MRC-MW74C	20120319	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	**35**	0.21 U	0.19 UR	0.22 U
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	**25**	0.21 U	0.19 U	0.22 U
MRC-MW74C-060710	MRC-MW74C	20100607	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	3.7	0.21 U	0.19 U	0.22 U
MRC-MW74C-110308	MRC-MW74C	20081103	20 UR	1 U	0.19 J	--	2 U	--	1 U	6.8	1 U	2 U	1 U
MRC-MW74C-20130319	MRC-MW74C	20130319	7.8 UR	0.58 U	0.26 U	--	0.56 U	--	0.38 U	**54**	0.42 U	0.38 UR	0.44 U
MRC-MW79B-03192012	MRC-MW79B	20120319	49 UR	3.6 U	1.6 U	--	3.5 U	--	2.4 U	**350**	2.6 U	2.4 UR	**27**
MRC-MW79B-032817	MRC-MW79B	20170328	--	15 U	12 U	--	12 U	--	16 J	**1600**	25 U	--	**38 J**
MRC-MW-79B-032916	MRC-MW79B	20160328	--	1.6 U	1.2 U	--	2.6 U	2.6	3.5 J	**150**	2.5 U	--	**17**
MRC-MW-79B-041516	MRC-MW79B	20160415	--	21 U	15 U	--	35 U	**35**	20 U	**2100**	33 UJ	--	**32 J**

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURA	DISSOLVED METALS (UG/L)														
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MOLYBDENUM	NICKEL	SELENIUM	VANADIUM
			MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	340	NC	NC	1.8	16	NC	13	NC	65	NC	NC	470	20	NC
		NRWQC Chronic	NC	NC	150	NC	NC	0.72	11	NC	9	NC	2.5	NC	NC	52	5	NC
		BTAG	3E-06	30	5	4	0.66	0.25	85	23	9	300	2.5	120	73	52	1	20
		AWQC	5E-06	640	0.14	NC	NC	NC	NC	NC	NC	NC	NC	100	NC	4600	4200	NC
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	0.035 U	0.93 B	**257**	**0.81**	0.061 B	0.094 B	**297**	0.38 B	**69300**	0.12 B	**21800**	0.12 U	**128**	0.31 B	0.46 U
MRC-MW79B-081109	MRC-MW79B	20090811	--	0.055 U	**1.5**	**274**	**1.5**	0.091 B	0.066 U	**316**	0.36 B	**75200**	0.041 B	**22700**	0.2 U	**161**	0.14 U	0.6 U
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	--	0.13 B	**1.2 J**	**43.7**	0.28 B	0.028 B	6.4	0.76 J	4.5 B	**4400**	**3**	75.6	3.8	7	0.4 B	6.5 J
MRC-MW94D-101510	MRC-MW94D	20101015	--	0.18 J	**0.83 J**	**18.8 L**	0.006 U	0.025 U	0.065 B	0.093 B	0.34 B	**620 L**	0.02 B	64.1 L	1.3 J	1.3 B	0.13 UL	0.43 U
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	2 U	**0.51**	**41.9**	**3.6**	0.15 B	0.24 B	**28.4**	2.6 B	50 U	0.071 B	**461**	2 U	11.8	0.74 B	0.47
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	2 U	**0.26**	**31.9**	0.62	0.007 B	**11.7**	12.8	1.3 B	50 U	1 U	31.5	2.7	21.4	0.26 B	3.1
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	--	5 U	5 U	--	**11**	5 U	5 U	--	7.5	--	5 U	--	--	**170**	5 U	--
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	--	5 U	5 U	--	4 U	5 U	5 U	--	5 U	--	5 U	--	--	5 U	5 U	--
SB-36-GW	SB-036	20040917	--	5 U	5 U	--	4 U	5 U	5 U	--	5 U	--	5 U	--	--	5 U	5 U	--
SB-3A-GW	SB-003A	20040920	--	5 U	5 U	--	4 U	5 U	5 U	--	**14**	--	5 U	--	--	**140**	5 U	--
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	5 U	**8.2**	--	4 U	5 U	8.2	--	**16**	--	**6.9**	--	--	22	5 U	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	FILTERED (0.10) METALS (UG/L)															
			ZINC	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	COBALT	COPPER	LEAD	NICKEL	VANADIUM	ZINC	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	120	340	NC	NC	2	NC	13	65	470	NC	120	340	NC	NC	2	16
		NRWQC Chronic	120	150	NC	NC	0.25	NC	9	2.5	52	NC	120	150	NC	NC	0.25	11
		BTAG	120	5	4	0.66	0.25	23	9	2.5	52	20	120	5	4	0.66	0.25	85
		AWQC	26000	0.14	NC	NC	NC	NC	NC	NC	4600	NC	26000	0.14	NC	NC	NC	NC
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	**997**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	**189**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	--	--	--	--	**0.97**	**133**	0.54	0.043 B	0.054 UL
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	14.5 B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-101510	MRC-MW94D	20101015	1.6 B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	46.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	33.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	**850**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-GW	SB-036	20040917	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3A-GW	SB-003A	20040920	**1200**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	**150**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	FILTERED (0.45) METALS (UG/L)															
			COBALT	COPPER	LEAD	MOLYBDENUM	NICKEL	SELENIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	13	65	NC	470	20	NC	120	750	NC	340	NC	NC	2	NC	16
		NRWQC Chronic	NC	9	2.5	NC	52	5	NC	120	87	NC	150	NC	NC	0.25	NC	11
		BTAG	23	9	2.5	73	52	1	20	120	87	30	5	4	0.66	0.25	116000	85
		AWQC	NC	NC	NC	NC	4600	4200	NC	26000	NC	640	0.14	NC	NC	NC	NC	NC
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	0.13 U	**2.1 J**	**242**	**2.5**	0.16 J	--	2.8 L
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	0.74 U	**1.4 J**	**190**	**1.3**	0.37 U	--	7.4
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	0.157 U	**1.2**	**227**	**1.2**	0.008 U	--	823 U
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	0.054 B	**1.7 J**	**249**	**1.4**	0.075 B	--	0.57 J
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	--	--	--	--	--	--	--	0.068 B	0.69 B	**228**	**0.99**	0.081 B	--	0.2 B
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	--	--	--	--	--	--	--	0.076 B	**1.4**	**274**	**1.4**	0.082 B	--	0.081 B
MRC-MW79B-111507	MRC-MW79B	20071115	**229**	0.31 B	0.086 B	0.66 U	**147**	1.6 UL	0.25 U	**135**	--	0.048 U	**0.87**	**140**	0.51	0.029 B	--	0.054 UL
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	0.3 U	**2.9 J**	**320**	**2**	**0.28 J**	--	2.9
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	--	--	--	--	--	--	--	--	--	0.18 B	**4.1 J**	**133**	**1.3**	0.12 B	--	**28.1**
MRC-MW94D-101510	MRC-MW94D	20101015	--	--	--	--	--	--	--	--	--	0.15 J	**1.3 J**	**33 L**	0.17 J	0.036 B	--	4.6
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	0.3 U	0.9 U	**13**	0.1 U	0.1 U	--	0.9 U
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	--	--	--	--	--	--	--	2 U	**0.66**	**42.6**	**3.8**	0.14 B	--	1.3
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	--	--	--	--	--	--	--	2 U	**0.54**	**34.6**	**2.6**	0.031 B	--	**13.4**
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	--	--	--	--	--	--	--	--	--	5 U	5 U	--	**32**	5 U	--	**31**
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	--	--	--	--	--	--	--	--	--	5 U	5 U	--	4 U	5 U	--	11
SB-36-GW	SB-036	20040917	--	--	--	--	--	--	--	--	--	5 U	5 U	--	**6.4**	5 U	--	**100**
SB-3A-GW	SB-003A	20040920	--	--	--	--	--	--	--	--	--	5 U	5 U	--	4 U	5 U	--	**21**
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	5 U	**45**	--	**210**	**11**	--	**720**
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)															
			COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE	SILVER	SODIUM	THALLIUM
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	13	NC	65	NC	NC	NC	NC	470	NC	20	NC	NC	3.2	NC	NC
		NRWQC Chronic	NC	9	NC	2.5	NC	NC	NC	NC	52	NC	5	NC	NC	NC	NC	NC
		BTAG	23	9	300	2.5	82000	120	0.026	73	52	53000	1	NC	NC	3.2	680000	0.8
		AWQC	NC	NC	NC	NC	NC	100	NC	NC	4600	NC	4200	NC	NC	NC	NC	0.47
MRC-MW79B-042111	MRC-MW79B	20110421	304	12.6	--	0.98 J	--	--	0.12 U	0.093 U	122	--	1.2 U	--	--	0.08 U	--	0.14 U
MRC-MW-79B-042115	MRC-MW79B	20150421	220	19	51900	1.7 J	--	14000	0.17 U	0.74 U	74	--	1.9 U	--	--	0.74 U	--	0.3 U
MRC-MW79B-060214	MRC-MW79B	20140602	274 J	13	64300	0.154 J	--	19900	0.024 U	0.195 U	74.2	--	0.881 J	3730	--	0.015 U	--	0.061 J
MRC-MW79B-060310	MRC-MW79B	20100603	307	2.5 B	73400	0.3 J	--	21900	0.1 U	0.27 U	129	--	0.13 UL	--	--	0.015 U	--	0.13 U
MRC-MW79B-073108	MRC-MW79B	20080731	258	1.2 B	51400	0.13 B	--	17600	0.1 U	0.12 U	127	--	0.29 B	--	--	0.012 B	--	0.22 B
MRC-MW79B-081109	MRC-MW79B	20090811	322	4.6	77800	0.16 B	--	22800	0.1 U	0.43 B	162	--	0.14 U	--	--	0.033 U	--	0.16 B
MRC-MW79B-111507	MRC-MW79B	20071115	243	0.67 B	--	0.13 B	--	--	0.1 U	0.66 U	151	--	2.3 L	--	--	0.021 B	--	0.028 B
MRC-MW79B-20130320	MRC-MW79B	20130320	300	16	--	0.78 J	--	--	0.1 UL	0.81 B	100	--	0.52 J	--	--	0.1 U	--	0.2 U
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	2.6	13.1	18100	14.5	--	214	0.1 U	5.2	20.4	--	0.96 J	--	--	0.015 UL	--	0.14 B
MRC-MW94D-101510	MRC-MW94D	20101015	0.39 J	2 B	3930 L	2.1 L	--	79.7 L	0.1 U	1.6 J	3.8	--	0.13 UL	--	--	0.015 U	--	0.13 U
MRC-MW94D-20130430	MRC-MW94D	20130430	0.97 J	9.1	--	0.2 U	--	--	0.1 U	0.2 U	4.9	--	0.5 UL	--	--	0.1 U	--	0.2 U
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	30	3.7 B	1410	0.31 B	--	467	0.2 U	2 U	12.4 L	--	0.82 B	--	--	1 U	--	0.12 B
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	15.3	6.2	638	0.33 B	--	36.3	0.2 U	2.8	25.5 L	--	0.19 B	--	--	1 U	--	1 U
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	--	67	--	27	--	--	1 U	--	210	--	5.6	--	--	5 U	--	2 U
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	--	5 U	--	5 U	--	--	1 U	--	5 U	--	5 U	--	--	5 U	--	2 U
SB-36-GW	SB-036	20040917	--	75	--	56	--	--	1 U	--	49	--	6.9	--	--	5 U	--	2 U
SB-3A-GW	SB-003A	20040920	--	36	--	5 U	--	--	1 U	--	190	--	5 U	--	--	5 U	--	2 U
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	1200	--	700	--	--	1.5	--	1600	--	22	--	--	5 U	--	2.3
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	620	--	--	110	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	1200	--	--	72	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	510	--	--	47	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	73 U	--	--	110	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	1300	--	--	140	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	180 U	--	--	38	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	8100	--	--	220	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE				MICROBIOLOGICAL (CELLS/ML)														
			URANIUM-238	VANADIUM	ZINC	DEHALOBACTER	DEHALOCOCCOIDES	TCE R-DASE	ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON
			UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		NRWQC Acute	NC	NC	120	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.022	NC
		NRWQC Chronic	NC	NC	120	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.0052	NC
		BTAG	2.6	20	120	NC	NC	NC	NC	0.019	0.019	NC	NC	NC	NC	230	0.005	NC
		AWQC	NC	NC	26000	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MRC-MW79B-042111	MRC-MW79B	20110421	--	2.7 J	**277**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	0.479 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	0.99 B	**282**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	0.46 U	**3160**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	--	0.6 U	**230**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	0.25 U	**142**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	4.8 J	**170**	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	--	**28.9**	35.5	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-101510	MRC-MW94D	20101015	--	2.9 J	10.7 B	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	0.8 U	6 J	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	1.3	42.7	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	4.8	63.8	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	--	--	**1300**	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	--	--	50 U	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-GW	SB-036	20040917	--	--	76	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3A-GW	SB-003A	20040920	--	--	**1400**	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	**22000**	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	29	--	--	--	0.019 U	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	4.5 U	0.5 U	0.5 U	4 J	--	--	--	0.032 J	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	8	--	--	--	0.019 U	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	453	4.6	0.1 J	7.6	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	0.4 J	0.5 U	0.5 U	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	6.5	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	42	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	0.11 J	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	675	2.1	0.5 U	53	--	--	--	0.033 J	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)															
			HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE-N	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL SUSPENDED SOLIDS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
		NRWQC Acute	0.016	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	0.011	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	0.011	NC	NC	0.02	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		AWQC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-101510	MRC-MW94D	20101015	6E-04 UR	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-GW	SB-036	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3A-GW	SB-003A	20040920	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	7.1	160	--	0.34 J	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	0.33 J	51	--	0.23 U	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	2.6	77	--	0.31 U	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	7.5	160	--	0.53 J	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	4.5	94	--	0.67 J	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	39	170	--	2.9	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	12	180	--	1.4	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOU	MISCELLANEOUS PARAMETERS		PCB HOMOLOGS (UG/L)							PCB HOMOLOGS, FILTERED		PCBS (UG/L)			
			PH	BROMIDE	PERCHLORATE	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	AROCLOR-1254	AROCLOR-1260	DICHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
			S.U.	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	NC	NC	0.014	0.014
		BTAG	NC	NC	NC	7E-05	NC	NC	7E-05	7E-05	NC	NC	7E-05	7E-05	7E-05	7E-05	7E-05	7E-05
		AWQC	NC	NC	NC	6E-05	NC	NC	6E-05	6E-05	NC	NC	6E-05	6E-05	6E-05	6E-05	6E-05	6E-05
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-101510	MRC-MW94D	20101015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	--	--	4 U	--	--	--	--	--	--	--	--	--	0.5 U	0.5 U	--	--
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	--	--	4 U	--	--	--	--	--	--	--	--	--	0.5 U	0.5 U	--	--
SB-36-GW	SB-036	20040917	--	--	4 U	--	--	--	--	--	--	--	--	--	0.5 U	0.5 U	--	--
SB-3A-GW	SB-003A	20040920	--	--	4 U	--	--	--	--	--	--	--	--	--	0.5 U	0.5 U	--	--
SB-46-GW	SB-046	20040921	--	--	4 U	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

						PETROLEUM	PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)				SEMIVOLATILE			
SAMPLE ID	LOCATION ID	SAMPLE DATE	PENTACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND	OIL & GREASE - HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-230	URANIUM-233/234	URANIUM-235	URANIUM-238	1,4-DIOXANE	1,4-DIOXANE	2,4,5-TRICHLOROPHENOL	2,4-DICHLOROPHENOL
			UG/L	UG/L	UG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	0.014	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	7E-05	7E-05	7E-05	NC	NC	NC	NC	NC	NC	2.6	2.6	2.6	NC	22000	NC	11
		AWQC	6E-05	6E-05	6E-05	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	600	60
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	--	--	--	--	--	--	0.8 J	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	0.057 U	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	--	--	--	--	--	--	--	--	--	--	--	--	--	0.49 U	0.3 U	0.8 U
MRC-MW94D-101510	MRC-MW94D	20101015	--	--	--	--	--	--	--	--	--	--	--	--	--	0.49 U	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	--	--	--	0.53 U	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--	--
SB-14-GW	SB-014	20031119	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	3000	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	--	0 U	--	--	500 U	100 U	--	--	--	--	--	--	--	--	25 U	10 U
SB-2-GW	SB-002	20031120	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	--	0 U	--	--	500 U	100 U	--	--	--	--	--	--	--	--	25 U	10 U
SB-36-GW	SB-036	20040917	--	0 U	--	--	500 U	100 U	--	--	--	--	--	--	--	--	25 U	10 U
SB-3A-GW	SB-003A	20040920	--	0 U	--	--	500 U	140	--	--	--	--	--	--	--	--	25 U	10 U
SB-46-GW	SB-046	20040921	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	500 U	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	500 U	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	600	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)															
			2-CHLOROPHENOL	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	24	4.7	5.8	NC	0.012	NC	NC	0.018	0.015	NC	NC	NC	16	19	NC	NC
		AWQC	800	NC	90	NC	400	NC	NC	0.0013	0.0001	0.0013	NC	0.013	0.37	0.1	NC	NC
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	0.29 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	2.1 B	**1.1**	0.8 U	0.28 U
MRC-MW94D-101510	MRC-MW94D	20101015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SB-36-GW	SB-036	20040917	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SB-3A-GW	SB-003A	20040920	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE											TENTATIVELY IDENTIFIED COMPOUNI				
			CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PHENOL	PYRENE	1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	NC	3.7	210	0.04	3	NC	1.1	0.4	4	0.025	NC	NC	NC	NC	NC
		AWQC	0.13	0.0001	NC	600	20	70	0.0013	NC	NC	300000	30	NC	NC	NC	400	NC
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	18 NJ	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	0.1 U	0.1 U	0.1 U	0.6 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.6 U	0.1 U	--	--	--	--	--
MRC-MW94D-101510	MRC-MW94D	20101015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	--	--	--	--
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	--	--	--	--
SB-36-GW	SB-036	20040917	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	--	--	--	--
SB-3A-GW	SB-003A	20040920	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	--	--	--	--
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

			OS-VOLATILES (UG/L)				VOLATILE GASES (UG/L)												
SAMPLE ID	LOCATION ID	SAMPLE DATE	DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	ETHANE	ETHENE	METHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	NC	NC	NC	NC	NC	NC	1200	NC	47	25	8	NC	24	33	0.7
		AWQC	NC	NC	NC	NC	NC	NC	NC	8.9	NC	NC	20000	NC	NC	0.076	NC	3000
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	3.5 U	2.9 J	4.3 J	2.1 U	0.074 U	1.9 U	1.5 U	1.6 U
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	0.33 U	0.26 U	2.4	4.3	0.93 U	--	0.82 U	--	0.38 U
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	0.62 U	2	3.1	1.7 U	--	0.46 U	0.4 U	0.42 U
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	4 U	3.9 J	6.8 J	2.4 U	0.084 U	2.1 U	1.7 U	1.9 U
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	100 U	**4.9 J**	20 U	20 U
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	--	--	--	--	--	--	5.6 U	5.3 J	7.8 J	3.4 U	0.12 U	3 U	2.4 U	2.6 U
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	--	20 U	20 U	4.2 J	20 U	100 U	20 U	20 U	20 U
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	2.7 U	2.5 J	4 J	1.6 U	0.056 U	1.4 U	1.1 U	1.2 U
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	0.24 U	0.45 U	0.3 U	0.45 U	--	--	0.32 U	--	0.25 U
MRC-MW94D-061010	MRC-MW94D	20100610	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW94D-101510	MRC-MW94D	20101015	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	0.28 UJ	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	0.28 U	0.15 U	0.19 U	0.17 U	0.006 U	0.15 U	0.12 U	0.13 U
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	--	--	--	--	--	--	200 U	200 U	200 U	200 U	1000 U	200 U	200 U	200 U
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	--	--	--	--	--	--	250 U	250 U	250 U	250 U	1200 U	250 U	250 U	250 U
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
SB-36-GW	SB-036	20040917	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
SB-3A-GW	SB-003A	20040920	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	--	1 U	8	1 U
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	0.24 U	0.45 U	0.3 U	0.45 U	--	--	0.32 UJ	--	0.25 U
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	0.14 U	0.13 U	0.64	0.24 U	0.45 UJ	0.3 U	0.45 U	--	--	0.32 UJ	--	0.25 U
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	0.24 U	0.45 UJ	0.3 U	0.45 U	--	--	0.32 UJ	--	0.25 U
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	0.14 U	0.13 U	4.2	24 U	45 U	30 U	45 U	--	--	32 UJ	--	25 U
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	60 U	110 U	75 U	110 U	--	--	80 UJ	--	63 U
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	2400 U	4500 U	3000 U	4500 U	--	--	3200 UJ	--	2500 U
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	2300 U	1500 U	2300 U	1900 U	2400 U	1600 U	2100 U	1300 U
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	0.14 U	0.29 J	400	30 U	56 U	38 U	56 U	--	--	40 U	--	31 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE	2-HEXANONE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMODICHLOROMETHANE	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	100	NC	71	150	26	14000	99	85	170	1500	370	NC	NC	0.92	13.3	1.3
		AWQC	650	31	NC	10	900	NC	NC	NC	NC	NC	16	27	10000	NC	5	800
MRC-MW79B-042111	MRC-MW79B	20110421	2.8 U	2.2 U	--	1.8 U	1.6 U	7.1 U	5.1 U	1.5 U	4 U	14 B	1.6 U	1.9 U	5.1 U	1.6 U	1.6 U	1.9 U
MRC-MW-79B-042115	MRC-MW79B	20150421	0.32 U	0.24 U	--	0.25 U	0.27 U	1.8 U	1.3 U	--	1.5 U	3.1 U	1.7	0.27 U	0.39 UJ	0.23 UJ	0.31 U	0.19 U
MRC-MW79B-060214	MRC-MW79B	20140602	0.72 UJ	0.4 U	--	0.4 U	0.4 U	1.7 U	3.4 U	0.4 U	1.4 U	2.5 U	1.4 J	0.64 U	0.58 UJ	0.44 U	0.9 UJ	0.58 U
MRC-MW79B-060310	MRC-MW79B	20100603	3.1 U	2.6 U	--	2 U	1.9 U	8.1 U	5.9 U	1.7 U	4.6 U	16 U	1.9 U	2.1 U	5.9 UJ	1.9 U	1.9 U	2.1 U
MRC-MW79B-073108	MRC-MW79B	20080731	20 U	20 U	--	20 U	20 U	15 B	100 U	20 U	100 U	100 U	20 U	20 U	20 U	20 U	20 U	20 U
MRC-MW79B-081109	MRC-MW79B	20090811	4.4 U	3.6 U	--	2.8 U	2.6 U	11 U	8.2 U	2.4 U	6.4 U	22 U	2.6 U	3 U	8.2 U	2.6 U	2.6 U	3 U
MRC-MW79B-111507	MRC-MW79B	20071115	20 U	20 U	--	20 U	20 U	100 U	100 U	20 U	100 U	27 B	20 U	20 U	20 U	20 U	20 U	20 U
MRC-MW79B-20130320	MRC-MW79B	20130320	2.1 U	1.7 U	--	1.3 U	1.2 U	5.4 U	3.9 U	1.1 U	3 U	10 U	2.7 J	1.4 U	3.9 U	1.2 U	1.2 U	1.4 U
MRC-MW-94D-042216	MRC-MW94D	20160422	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 U	0.48 U	--	0.99 U	0.94 UJ	0.35 U	0.29 U	0.44 U	0.38 U	0.43 U	0.25 U
MRC-MW94D-061010	MRC-MW94D	20100610	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	11 B	0.13 U	0.23 J	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MW94D-101510	MRC-MW94D	20101015	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	2.4 B	0.13 U	0.15 U	0.41 U	1	0.13 U	0.15 U
MRC-MW94D-20130430	MRC-MW94D	20130430	0.22 U	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	1.1 U	0.13 U	0.15 U	0.41 UJ	0.13 U	0.13 U	0.15 U
MRC-MW94D-GW-72	MRC-MW94D	20100505	0.24 B	0.18 U	--	0.14 U	0.13 U	0.57 U	0.41 U	0.12 U	0.32 U	2.2 J	0.13 U	0.15 U	0.41 U	0.13 U	0.13 U	0.15 U
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	200 U	200 U	--	200 U	200 U	130 B	1000 U	200 U	1000 U	230 B	200 U	200 U	200 U	200 U	200 U	200 U
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	250 U	250 U	--	250 U	250 U	160 B	1200 U	250 U	1200 U	310 B	250 U	250 U	250 U	250 U	250 U	250 U
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U
SB-36-GW	SB-036	20040917	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U
SB-3A-GW	SB-003A	20040920	1 U	1 U	2	1 U	1 U	10 U	10 U	1 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U
SB-46-GW	SB-046	20040921	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	1 U	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	18	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 U	0.48 U	--	0.99 U	0.94 U	0.35 U	0.29 U	0.44 UJ	0.38 U	0.43 U	0.25 U
SEMW-2I-011516	MRC-SEMW-2I	20160115	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 U	0.48 U	--	0.99 U	0.94 UJ	0.35 U	0.29 U	0.44 U	0.38 U	0.43 U	0.25 U
SEMW-3I-011516	MRC-SEMW-3I	20160115	0.23 U	0.25 U	--	0.19 U	0.27 U	0.53 U	0.48 U	--	0.99 U	0.98 U	0.35 U	0.29 U	0.44 U	0.38 U	0.43 U	0.25 U
SEMW-4I-012016	MRC-SEMW-4I	20160120	23 U	25 U	--	19 U	27 U	53 U	48 U	--	99 U	94 U	35 U	29 U	44 UJ	38 U	43 U	25 U
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	58 U	63 U	--	48 U	68 U	130 U	120 U	--	250 U	240 U	88 U	73 U	110 UJ	95 U	110 U	63 U
SEMW-5S-012016	MRC-SEMW-5S	20160120	2300 U	2500 U	--	1900 U	2700 U	5300 U	4800 U	--	9900 U	9400 U	3500 U	2900 U	4400 UJ	3800 U	4300 U	2500 U
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	1200 U	1300 U	--	950 U	1400 U	2700 U	2400 U	2200 U	5000 U	7900 U	1800 U	1500 U	2200 U	1900 U	2200 U	1300 U
SEMW-6I-012816	MRC-SEMW-6I	20160128	29 U	31 U	--	24 U	34 U	67 J	60 U	--	120 U	130 J	44 U	36 U	55 U	48 U	54 U	31 U

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)															
			CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CYCLOHEXANE	ETHYL TERT-BUTYL ETHER	FLUORODICHLOROMETHANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	1.8	NC	NC	NC	NC	NC	2.6	NC	NC	11070	98.1	1.1	128	NC	NC
		AWQC	NC	2000	NC	NC	NC	NC	NC	NC	NC	NC	NC	1000	NC	NC	NC	NC
MRC-MW79B-042111	MRC-MW79B	20110421	3.6 U	2 U	3.8 U	97	--	1.4 U	--	1.6 U	3 U	--	58 J	8.6 B	3 U	1.8 U	1.8 U	1.6 U
MRC-MW-79B-042115	MRC-MW79B	20150421	0.33 U	0.21 U	0.31 U	102	0.61 J	--	--	0.22 U	0.52 U	0.3 UJ	40.3	0.45 U	--	--	0.33 U	--
MRC-MW79B-060214	MRC-MW79B	20140602	0.48 U	0.72 J	0.42 U	71	--	0.4 U	--	0.4 U	0.66 U	--	36	0.64 UJ	0.4 U	0.4 U	0.4 U	0.54 U
MRC-MW79B-060310	MRC-MW79B	20100603	4.1 UJ	2.3 U	4.3 U	130	--	1.6 UJ	--	1.9 U	3.4 U	--	170	4.7 U	3.4 U	2 U	2 U	1.9 U
MRC-MW79B-073108	MRC-MW79B	20080731	20 U	20 U	20 U	170	--	--	--	20 U	40 U	--	43 J	20 U	20 U	20 U	20 U	20 U
MRC-MW79B-081109	MRC-MW79B	20090811	5.8 U	3.2 U	6 U	170	--	2.2 U	--	2.6 U	4.8 U	--	84 J	6.6 U	4.8 U	2.8 U	2.8 U	2.6 U
MRC-MW79B-111507	MRC-MW79B	20071115	20 U	20 U	20 U	180	--	100 U	--	20 U	40 U	--	85 J	20 U	20 U	20 U	20 U	20 U
MRC-MW79B-20130320	MRC-MW79B	20130320	2.8 U	1.5 U	2.9 U	98	--	--	--	1.2 U	2.3 U	--	39	4 B	2.3 U	1.3 U	1.3 U	1.2 U
MRC-MW-94D-042216	MRC-MW94D	20160422	0.32 UJ	0.25 U	0.44 UJ	0.26 U	0.45 U	--	--	0.35 U	--	0.43 U	0.2 U	0.33 UJ	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	0.29 U	**10**	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.54 B	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW94D-101510	MRC-MW94D	20101015	0.29 U	0.16 U	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW94D-20130430	MRC-MW94D	20130430	0.29 U	0.16 U	0.3 U	0.17 U	--	--	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MW94D-GW-72	MRC-MW94D	20100505	0.29 UJ	0.16 U	0.3 U	0.17 U	--	0.11 U	--	0.13 U	0.24 U	--	0.17 U	0.33 U	0.24 U	0.14 U	0.14 U	0.13 U
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	200 U	200 U	200 U	220	--	--	--	200 U	400 U	--	1000 U	200 U	200 U	200 U	200 U	200 U
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	250 U	250 U	250 U	250 U	--	--	--	250 U	500 U	--	1200 U	250 U	250 U	250 U	250 U	250 U
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	1 U	1 U	1 U	1 U	--	--	--	1 U	3 U	--	1 U	1 U	1 U	1 U	3 U	1 U
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	1 U	1 U	1 U	1 U	--	--	--	1 U	3 U	--	1 U	1 U	1 U	1 U	3 U	1 U
SB-36-GW	SB-036	20040917	1 U	1 U	1 U	1 U	--	--	--	1 U	3 U	--	1 U	1 U	1 U	1 U	3 U	1 U
SB-3A-GW	SB-003A	20040920	1 U	1 U	1 U	1 U	--	--	--	**3**	3 U	--	1 U	1 U	1 U	2	8	1
SB-46-GW	SB-046	20040921	1 U	1 U	1 U	6	--	--	--	1 U	3 U	--	1 U	1 U	1 U	1 U	3 U	1 U
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	1 U	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	**3**	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	0.32 UJ	0.25 U	0.44 U	0.38 J	0.45 U	--	--	0.35 U	--	0.43 U	0.2 U	0.33 U	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	0.32 UJ	0.25 U	0.44 U	1.6	0.45 U	--	--	0.35 U	--	0.43 U	0.2 U	0.33 U	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	0.32 UJ	0.25 U	0.44 U	1.4	0.45 U	--	--	0.35 U	--	0.43 U	0.2 U	0.33 U	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	32 UJ	25 U	44 U	52 J	45 U	--	--	35 U	--	43 U	20 U	33 U	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	80 UJ	63 U	110 U	65 U	110 U	--	--	88 U	--	110 U	50 U	83 U	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	3200 UJ	2500 U	4400 U	3100 J	4500 U	--	--	3500 U	--	4300 U	2000 U	3300 U	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	1600 UJ	1300 U	2200 U	1700 J	--	1200 UJ	--	1800 U	--	--	1000 U	1700 U	2300 U	2000 U	--	2400 U
SEMW-6I-012816	MRC-SEMW-6I	20160128	40 U	31 U	55 U	380	56 U	--	--	44 U	--	54 U	25 U	41 U	--	--	--	--

TABLE D-12
SUMMARY OF CHEMICAL DETECTIONS IN GROUNDWATER MONITORING WELLS, BY ANALYTICAL GROUP
REMEDIAL ACTION PLAN, BLOCK E SOIL
LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, MARYLAND

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
		NRWQC Acute	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		NRWQC Chronic	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
		BTAG	NC	111	2	590	13	13	970	21	NC	16	930
		AWQC	NC	29	520	NC	NC	NC	4000	7	NC	NC	1.6
MRC-MW79B-042111	MRC-MW79B	20110421	49 UR	3.6 U	1.6 U	--	3.5 U	--	5.4 J	**350**	2.6 U	2.4 U	**24**
MRC-MW-79B-042115	MRC-MW79B	20150421	--	0.35 J	0.23 U	--	--	--	4.7 J	**284**	0.24 U	--	**20**
MRC-MW79B-060214	MRC-MW79B	20140602	27 J	0.6 U	0.4 U	--	1.1 U	--	3.9	**300**	0.4 U	2.1 UJ	**16**
MRC-MW79B-060310	MRC-MW79B	20100603	56 UR	4.1 U	1.9 U	--	4 U	--	8.1 J	**460**	3 UJ	2.7 U	**26**
MRC-MW79B-073108	MRC-MW79B	20080731	400 UR	20 U	20 U	--	40 U	--	20 U	**590**	20 U	40 U	**13 J**
MRC-MW79B-081109	MRC-MW79B	20090811	78 UR	5.8 U	2.6 U	--	5.6 U	--	8.3 J	**640**	4.2 U	3.8 U	**36**
MRC-MW79B-111507	MRC-MW79B	20071115	400 UR	20 U	20 U	--	40 U	--	5.8 J	**570**	20 U	40 U	**34**
MRC-MW79B-20130320	MRC-MW79B	20130320	37 UR	2.8 U	1.2 U	--	2.7 U	--	1.8 U	**320**	2 UJ	1.8 UR	**26**
MRC-MW-94D-042216	MRC-MW94D	20160422	--	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.22 U	0.49 U	--	0.29 U
MRC-MW94D-061010	MRC-MW94D	20100610	3.9 UR	0.29 U	0.21 J	--	0.28 U	--	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U
MRC-MW94D-101510	MRC-MW94D	20101015	3.9 UR	0.29 U	0.17 J	--	0.28 U	--	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U
MRC-MW94D-20130430	MRC-MW94D	20130430	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	0.21 UJ	0.19 UR	0.22 U
MRC-MW94D-GW-72	MRC-MW94D	20100505	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	4000 UR	200 U	200 U	--	400 U	--	200 U	**5100**	200 U	400 U	200 U
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	5000 UR	250 U	250 U	--	500 U	--	250 U	**7800**	250 U	500 U	250 U
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	--	1 U	1 U	--	--	--	1 U	1 U	5 U	1 U	1 U
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	--	1 U	1 U	--	--	--	1 U	1 U	5 U	1 U	1 U
SB-36-GW	SB-036	20040917	--	1 U	1 U	--	--	--	1 U	1 U	5 U	1 U	1 U
SB-3A-GW	SB-003A	20040920	--	1 U	1 U	--	--	--	1 U	1 U	5 U	1 U	1 U
SB-46-GW	SB-046	20040921	--	1 U	1 U	--	--	--	1 U	4	5 U	1 U	1 U
SB-47-GW	SB-047	20040922	--	--	1 U	--	1 U	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	5 U	--	5 U	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	1 U	--	1	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	0.31 U	0.23 U	--	0.52 U	--	0.3 U	1.7	0.49 UJ	--	0.29 U
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	0.31 U	0.23 U	--	0.52 U	--	0.3 U	5.5	0.49 U	--	0.29 U
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	0.31 U	0.23 U	--	0.52 U	--	0.3 U	4.4	0.49 U	--	0.29 U
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	31 U	23 U	--	52 U	--	30 U	**3600**	49 UJ	--	29 U
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	78 U	58 U	--	130 U	--	75 U	**8600**	120 UJ	--	73 U
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	3100 U	2300 U	--	5200 U	--	3000 U	**3E+05**	4900 UJ	--	2900 U
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	25000 UR	1600 U	1200 U	--	2600 U	**2600**	1500 U	**1E+05**	2500 UJ	2100 U	1500 U
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	39 U	29 U	--	65 U	--	38 U	**2900**	61 U	--	36 U

TABLE D-13
ANALYTICAL RESULTS IN SUB SLAB WATER SAMPLES - 2016
REMEDIAL ACTION PLAN, BLOCK E SOILS
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

NSAMPLE	E-USW-1-042116		E-USW-4-042116	E-USW-5-042116
	E-USW-1-042116	E-USW-DUP-042116		
LAB ID	240-63813-3	240-63813-4	240-63813-2	240-63813-5
SAMPLE DATE	04/21/2016	04/21/2016	04/21/2016	04/21/2016
DUP OF	--	E-USW-1-042116	--	--
VOCs (UG/L)				
1,2,4-Trichlorobenzene	0.83 J	0.32 U	0.32 U	0.32 U
1,3-Dichlorobenzene	1.3	0.21 J	0.19 U	0.19 U
1,4-Dichlorobenzene	1.3	0.27 U	0.27 U	0.27 U
Acetone	0.94 U	0.94 U	2.6 J	0.94 U
Carbon tetrachloride	0.47 J	0.43 U	0.43 U	0.43 U
Chlorobenzene	2.9	0.25 U	0.25 U	0.25 U
Chloroform	0.25 J	0.25 U	0.25 U	0.25 U
cis-1,2-Dichloroethene	0.72 J	0.26 U	0.26 U	0.26 U
Tetrachloroethene	11	4.8	0.31 U	1.7
Trichloroethene	3.7	0.99 J	0.22 U	0.38 J
Trichlorofluoromethane	0.72 J	0.62 J	0.49 U	0.49 U
PAHs (UG/L)				
1,4-Dioxane	1.6	1.7	0.49 U	0.91 J
2-Methylnaphthalene	0.086 U	0.086 U	0.09 U	0.13 J
Acenaphthene	0.042 U	0.042 U	0.38	0.042 U

TABLE D-13
ANALYTICAL RESULTS IN SUB SLAB WATER SAMPLES - 2016
REMEDIAL ACTION PLAN, BLOCK E SOILS
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

NSAMPLE	E-USW-1-042116		E-USW-4-042116	E-USW-5-042116
	E-USW-1-042116	E-USW-DUP-042116		
LAB ID	240-63813-3	240-63813-4	240-63813-2	240-63813-5
SAMPLE DATE	04/21/2016	04/21/2016	04/21/2016	04/21/2016
DUP OF	--	E-USW-1-042116	--	--
Acenaphthylene	0.046 U	0.046 U	0.11 J	0.046 U
Anthracene	0.084 U	0.084 U	0.74	0.084 U
Benzo[a]anthracene	0.028 U	0.028 U	4.3	0.028 U
Benzo[a]pyrene	0.049 U	0.049 U	4.6	0.049 U
Benzo[b]fluoranthene	0.038 U	0.038 U	6.4	0.038 U
Benzo[g,h,i]perylene	0.044 U	0.044 U	3.7	0.044 U
Benzo[k]fluoranthene	0.043 U	0.043 U	3.1	0.043 U
Carbazole	0.27 U	0.27 U	0.48 J	0.27 U
Chrysene	0.048 U	0.048 U	5.2	0.048 U
Dibenz(a,h)anthracene	0.042 U	0.042 U	0.75	0.042 U
Fluoranthene	0.042 U	0.042 U	8.8	0.042 U
Fluorene	0.039 U	0.039 U	0.22	0.039 U
Indeno[1,2,3-cd]pyrene	0.041 U	0.041 U	2.9	0.041 U
Isophorone	0.26 U	0.26 U	0.27 J B	0.26 J B
Naphthalene	0.06 U	0.06 U	0.062 U	0.15 J
Phenanthrene	0.059 U	0.059 U	3.9	0.059 U

TABLE D-13
ANALYTICAL RESULTS IN SUB SLAB WATER SAMPLES - 2016
REMEDIAL ACTION PLAN, BLOCK E SOILS
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

NSAMPLE	E-USW-1-042116		E-USW-4-042116	E-USW-5-042116
	E-USW-1-042116	E-USW-DUP-042116		
LAB ID	240-63813-3	240-63813-4	240-63813-2	240-63813-5
SAMPLE DATE	04/21/2016	04/21/2016	04/21/2016	04/21/2016
DUP OF	--	E-USW-1-042116	--	--
Pyrene	0.04 U	0.04 U	7.8	0.04 U
PCB AROCLORS (UG/L)				
Aroclor-1260	0.27	0.18	0.41	0.16
PCB HOMOLOGS (UG/L)				
Heptachlorobiphenyl	0.029 U	0.055 J *	0.087 J * F1	0.029 U
Hexachlorobiphenyl	0.074 J	0.13 J *	0.18 J * F1	0.022 J
Total Pentachlorobiphenyls	0.061 J	0.045 J *	0.014 U *	0.013 U
METALS (UG/L)				
Arsenic	2.9 U	2.9 U	3.9 J	2.9 U
Barium	47 J B	47 J B	23 J B	35 J B
Cadmium	0.14 U	0.14 U	0.15 J	0.14 U
Chromium	2.2 J	2 J	6.2 J	1.2 J
Lead	1.9 U	1.9 U	14	1.9 U
RADIOLOGICAL (pCi/L)				
Thorium-228	0.0889 U	0.254	0.165 U	0.29

TABLE D-13
ANALYTICAL RESULTS IN SUB SLAB WATER SAMPLES - 2016
REMEDIAL ACTION PLAN, BLOCK E SOILS
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

NSAMPLE	E-USW-1-042116		E-USW-4-042116	E-USW-5-042116
	E-USW-1-042116	E-USW-DUP-042116		
LAB ID	240-63813-3	240-63813-4	240-63813-2	240-63813-5
SAMPLE DATE	04/21/2016	04/21/2016	04/21/2016	04/21/2016
DUP OF	--	E-USW-1-042116	--	--
Thorium-230	0.228	0.185	0.278	0.12
Uranium-233/234	1.62	1.5	0.442	0.919
Uranium-235/236	0.0879 U	0.1	0 U	-0.011 U
Uranium-238	0.572	0.482	0.522	0.36

APPENDIX E—PREVIOUS INVESTIGATION DATA (TABLES)

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-02	E-SB-1024	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-02	E-SB-1025	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-02	E-SB-1031	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-02	E-SB-1032	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-02	E-SB-1033	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-02	E-SB-1024	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-02	E-SB-1025	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-02	E-SB-1031	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-02	E-SB-1032	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-02	E-SB-1033	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-02	E-SB-1024	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-02	E-SB-1025	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-02	E-SB-1031	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-02	E-SB-1032	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-02	E-SB-1033	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	19 U	19 U
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	70
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	--	--	--	--	--	--	--	--	74 U	98 U	120 U	68 U	49 U	86 U	380
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	470 U	360 U	320 U	290 U	380 U	380 U	3000
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	480 U	370 U	320 U	300 U	390 U	390 U	4200
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	120 U	89 U	78 U	73 U	95 U	95 U	630 J
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	1200 U	920 U	800 U	740 U	970 U	8400 J	970 UJ
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	835 U	640 U	555 U	515 U	675 U	6000	675 U
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	470 U	360 U	310 U	290 U	380 U	3600 J	380 U
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	240 U	180 U	160 U	150 U	190 U	190 U	1000 J
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	240 U	180 U	160 U	150 U	190 U	190 U	2300
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	12000 U	9200 U	8000 U	7400 U	9700 U	9700 U	39000 J
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	6600 U	5060 U	4405 U	4075 U	5340 U	5340 U	23950
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	1200 U	920 U	810 U	750 U	980 U	980 U	8900 J
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	21 J
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	132 U	99 U	88 U	82.5 U	109.5 U	109.5 U	1260.5
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	240 U	180 U	160 U	150 U	200 U	200 U	2500 J
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	240 U	180 U	160 U	150 U	190 U	3100	190 U
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	240000 U	180000 U	160000 U	150000 U	190000 U	3E+06	190000 U
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	240000 U	180000 U	160000 U	150000 U	190000 U	5E+06	190000 U
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	120000 U	93000 U	81000 U	75000 U	99000 U	1E+06	99000 U
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	120000 U	92500 U	80500 U	75000 U	98500 U	1E+06	98500 U
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	120000 U	92000 U	80000 U	75000 U	98000 U	1E+06	98000 U
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	120000 U	91000 U	80000 U	74000 U	97000 U	400000	97000 U
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	24000 U	18000 U	16000 U	15000 U	19000 U	19000 U	38000
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	240000 U	180000 U	160000 U	150000 U	190000 U	780000	190000 U
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	12000 U	8900 U	7800 U	7300 U	9500 U	130000	9500 U
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	470 U	360 U	310 U	290 U	380 U	380 U	9000
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	835 U	640 U	560 U	520 U	680 U	680 U	10000
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	1200 U	920 U	810 U	750 U	980 U	980 U	11000
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	5000 U	3800 U	3300 U	3100 U	4000 U	85000	4000 U
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	2400 U	1900 U	1600 U	1500 U	2000 U	2000 U	29000
E-SB-1023-02	E-SB-1023	2	2	20131003	--	--	--	--	--	--	--	--	23 U	18 U	15 U	14 U	19 U	19 U	57
E-SB-1024-02	E-SB-1024	2	2	20131003	--	--	--	--	--	--	--	--	240 U	180 U	160 U	150 U	190 U	190 U	1500
E-SB-1025-02	E-SB-1025	2	2	20131003	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U
E-SB-1031-02	E-SB-1031	2	2	20131002	--	--	--	--	--	--	--	--	23 U	18 U	15 U	14 U	19 U	19 U	19 U
E-SB-1032-02	E-SB-1032	2	2	20131002	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	170
E-SB-1033-02	E-SB-1033	2	2	20131002	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	0 U	67.5	--	--	--	--	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	0 U	64	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	0 U	67.5	--	--	--	--	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	70	130.5	--	--	--	--	--	4 U	4 U	4 U	4 U	4 U
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	62 U	80 U	380	698.5	67 U	--	--	57 U	--	--	--	--	--	--
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	3000	4100	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	4200	5325	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	630	905	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	8400	11200	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412	--	--	4200	7047.5	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	0 U	2895	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	1000	1555	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	2300	2855	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	39000	67000	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415	--	--	23950	39360	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	8900	11720	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	21	76.5	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415	--	--	1260.5	1570.75	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	2500	3065	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	3100	3655	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	2700000	3255000	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	4700000	5255000	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	1200000	1483500	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415	--	--	1250000	1532500	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	1300000	1581500	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	400000	679500	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	38000	93500	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	780000	1335000	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	130000	157500	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	9000	10095	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416	--	--	10000	11957.5	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	11000	13820	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	85000	96600	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	29000	34700	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	--	--	57	111	--	--	--	--	--	--	--	--	--	--
E-SB-1024-02	E-SB-1024	2	2	20131003	--	--	1500	2055	--	--	--	--	--	--	--	--	--	--
E-SB-1025-02	E-SB-1025	2	2	20131003	--	--	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-1031-02	E-SB-1031	2	2	20131002	--	--	0 U	63.5	--	--	--	--	--	--	--	--	--	--
E-SB-1032-02	E-SB-1032	2	2	20131002	--	--	170	225.5	--	--	--	--	--	--	--	--	--	--
E-SB-1033-02	E-SB-1033	2	2	20131002	--	--	0 U	65	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUALENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	24	3.9 U	3.9 U	3.9
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	9.2772	7.2572	--	5.5 J	4.3 J	7 J	4.8 J	4 U	7.2 J	4 U	31	4 U	17	4
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-02	E-SB-1024	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-02	E-SB-1025	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-02	E-SB-1031	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-02	E-SB-1032	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-02	E-SB-1033	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]YCLIC [illegible]ATIC ARBONS	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible]YCLIC [illegible]ATIC ARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629		--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629		--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629		--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629		--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629		--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629		--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629		--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	U	3.9 U	3.9 U	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720		--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719		--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719		--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	U	3.9 U	3.9 U	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720		--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	U	12	8 J	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719		--	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-02	E-SB-1024	2	2	20131003		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-02	E-SB-1025	2	2	20131003		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-02	E-SB-1031	2	2	20131002		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-02	E-SB-1032	2	2	20131002		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-02	E-SB-1033	2	2	20131002		--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-02	E-SB-1024	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-02	E-SB-1025	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-02	E-SB-1031	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-02	E-SB-1032	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-02	E-SB-1033	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-02	E-SB-1024	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-02	E-SB-1025	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-02	E-SB-1031	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-02	E-SB-1032	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-02	E-SB-1033	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	0.0923 U	0.123 U	0.0917 U	--	--	0.347 J	--	--	0.054 U	--	0.183 J	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	0.277 UJ	0.473 J	0.269 J	--	--	0.265 J	--	--	0.119 J	--	0.145 J	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	0.275 UJ	0.371 J	0.411 J	--	--	0.201 J	--	--	0.0396 U	--	0.246 J	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	0.336 J	0.261 J	0.167 J	--	--	0.114 J	--	--	0.0141 U	--	0.151 J	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	0.0368 U	0.278 J	0.159 J	--	--	0.222 J	--	--	0.0205 U	--	0.153 J	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	0.358 J	0.165 J	0.282 J	--	--	0.205 J	--	--	0 U	--	0.204 J	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	0.245 J	0.185 J	0.259 J	--	--	0.31 J	--	--	0.0249 U	--	0.209 J	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	0.62 J	0.26 J	0.545 J	--	--	0.253 J	--	--	0.0281 U	--	0.0856 U	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	0.295 J	0.201 J	0.515 J	--	--	0.154 J	--	--	-0.0017 U	--	0.124 J	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	0.486 J	0.219 J	0.676 J	--	--	0.376 J	--	--	-0.0016 U	--	0.266 J	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	0.412 J	0.24 J	0.513 J	--	--	0.321 J	--	--	0.0236 U	--	0.292 J	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	--	--	--	--	--	--	--	--	--	--	--	--	4.3 U	27 U
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	3.8 U	24 U
E-SB-1024-02	E-SB-1024	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	3.9 U	24 U
E-SB-1025-02	E-SB-1025	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	3.9 U	25 U
E-SB-1031-02	E-SB-1031	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	3.8 U	24 U
E-SB-1032-02	E-SB-1032	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	3.9 U	24 U
E-SB-1033-02	E-SB-1033	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	4 U	25 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	12 UJ	30 U	11 U	24 U	24 U	26 U	21 U	26 U	0.55 U	10 U	20	13 U	11 U	10 U	24 U
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	10 U	27 U	9.8 U	22 U	22 U	23 U	19 U	23 U	0.49 U	9 U	0.55 U	12 U	10 U	9.1 U	22 U
E-SB-1024-02	E-SB-1024	2	2	20131003	11 U	28 U	9.9 U	22 U	22 U	23 U	19 U	23 U	0.5 U	9.1 U	7.2 J	12 U	10 U	9.2 U	53 J
E-SB-1025-02	E-SB-1025	2	2	20131003	11 U	28 U	10 U	23 U	23 U	24 U	19 U	24 U	0.51 U	9.3 U	0.56 U	12 U	10 U	9.4 U	23 U
E-SB-1031-02	E-SB-1031	2	2	20131002	10 U	27 U	9.8 U	22 U	22 U	23 U	19 U	23 U	0.49 U	9 U	0.55 U	12 U	10 U	9.1 U	22 U
E-SB-1032-02	E-SB-1032	2	2	20131002	11 U	28 U	9.9 U	22 U	22 U	23 U	19 U	23 U	0.5 U	9.1 U	0.56 U	12 U	10 U	9.2 U	22 U
E-SB-1033-02	E-SB-1033	2	2	20131002	11 U	29 U	10 U	23 U	23 U	24 U	19 U	24 U	0.51 U	9.4 U	0.57 U	13 U	10 U	9.5 U	23 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	22 U	19 U	11 U	16 U	26 U	21 U	16 U	--	32 U	21 U	35	42	11 J	120	11 U
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	20 U	18 U	10 U	14 U	23 U	19 U	14 U	--	29 U	19 U	0.84 U	0.38 U	10 U	0.86 U	10 U
E-SB-1024-02	E-SB-1024	2	2	20131003	20 U	18 U	10 U	14 U	23 U	19 U	14 U	--	29 U	19 U	32	11	10 U	88	10 U
E-SB-1025-02	E-SB-1025	2	2	20131003	20 U	18 U	10 U	15 U	24 U	19 U	15 U	--	29 U	19 U	0.86 U	0.39 U	10 U	0.88 U	10 U
E-SB-1031-02	E-SB-1031	2	2	20131002	20 U	18 U	10 U	14 U	23 U	19 U	14 U	--	29 U	19 U	0.83 U	0.38 U	11 J	0.86 U	10 U
E-SB-1032-02	E-SB-1032	2	2	20131002	20 U	18 U	10 U	14 U	23 U	19 U	14 U	--	29 U	19 U	0.85 U	0.39 U	10 U	0.87 U	10 U
E-SB-1033-02	E-SB-1033	2	2	20131002	21 U	18 U	10 U	15 U	24 U	19 U	15 U	--	30 U	19 U	0.87 U	0.4 U	10 U	0.89 U	10 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	1010.74	1010.74	15 U	630	690	940	520	300	27 U	2.4 U	1200	12 U	45 U
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	0.7 U	0.7 U	13 U	0.69 U	0.7 U	0.65 U	0.38 U	0.75 U	24 U	2.2 U	21 U	11 U	41 U
E-SB-1024-02	E-SB-1024	2	2	20131003	887.16	887.16	13 U	580	590	910	360	350	24 U	2.2 U	46 J	11 U	41 U
E-SB-1025-02	E-SB-1025	2	2	20131003	0.72 U	0.72 U	14 U	0.71 U	0.72 U	0.67 U	0.39 U	0.77 U	25 U	2.3 U	21 U	11 U	42 U
E-SB-1031-02	E-SB-1031	2	2	20131002	0.7 U	0.7 U	13 U	0.69 U	0.7 U	0.65 U	0.38 U	0.75 U	24 U	2.2 U	21 U	11 U	41 U
E-SB-1032-02	E-SB-1032	2	2	20131002	24.373	24.008	13 U	22	18	25	12	9.4	24 U	2.2 U	21 U	11 U	41 U
E-SB-1033-02	E-SB-1033	2	2	20131002	0.73 U	0.73 U	14 U	0.72 U	0.73 U	0.67 U	0.4 U	0.78 U	25 U	2.3 U	22 B	11 U	42 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	52 J	740	120	13 J	23 J	21 U	35 J	9.6 U	1200	33	2.6 U	6.8 U	9.9 U	11 U
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	30 U	1.2 U	0.73 U	0.73 U	18 U	19 U	31 B	8.7 U	6.2 J	0.58 U	2.3 U	6.2 U	8.9 U	9.9 U
E-SB-1024-02	E-SB-1024	2	2	20131003	48 J	660	110	15 J	18 U	19 U	17 U	8.7 U	1000	25	2.3 U	6.2 U	9 U	10 U
E-SB-1025-02	E-SB-1025	2	2	20131003	30 U	1.2 U	0.74 U	0.74 U	18 U	19 U	33 B	8.9 U	0.62 U	0.6 U	2.4 U	6.3 U	9.1 U	10 U
E-SB-1031-02	E-SB-1031	2	2	20131002	30 U	1.2 U	0.72 U	0.72 U	18 U	19 U	300 B	8.7 U	0.6 U	0.58 U	2.3 U	6.1 U	8.9 U	9.9 U
E-SB-1032-02	E-SB-1032	2	2	20131002	30 U	14	0.73 U	0.73 U	18 U	19 U	28 B	8.8 U	24	0.59 U	2.3 U	6.2 U	9 U	10 U
E-SB-1033-02	E-SB-1033	2	2	20131002	31 U	1.3 U	0.75 U	0.75 U	18 U	19 U	130 B	9 U	0.63 U	0.6 U	2.4 U	6.4 U	9.2 U	10 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	400	16 U	30	2.7 U	19 U	7.7 U	26 U	11 U	450	8.9 U	1300	--	--	0.01 U	0.52 U
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	0.38 U	14 U	0.9 U	2.4 U	18 U	6.9 U	23 U	10 U	0.8 U	8 U	6 J	--	--	--	--
E-SB-1024-02	E-SB-1024	2	2	20131003	340	14 U	11	2.4 U	18 U	7 U	23 U	10 U	400	18 J	900	--	--	--	--
E-SB-1025-02	E-SB-1025	2	2	20131003	0.39 U	15 U	0.93 U	2.5 U	18 U	7.1 U	24 U	10 U	0.82 U	8.2 U	0.5 U	--	--	--	--
E-SB-1031-02	E-SB-1031	2	2	20131002	0.38 U	14 U	0.9 U	2.4 U	18 U	6.9 U	23 U	10 U	0.8 U	28 J	0.48 U	--	--	--	--
E-SB-1032-02	E-SB-1032	2	2	20131002	12	14 U	0.91 U	2.4 U	18 U	7 U	23 U	10 U	4 J	8.1 U	23	--	--	--	--
E-SB-1033-02	E-SB-1033	2	2	20131002	0.4 U	15 U	0.94 U	2.5 U	18 U	7.2 U	24 U	10 U	0.83 U	8.3 U	0.5 U	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	0.08 U	0 U	0 U	0 U	0 U	0 U	--	--	--	--	--	--	--	--	--	--
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-02	E-SB-1024	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-02	E-SB-1025	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-02	E-SB-1031	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-02	E-SB-1032	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-02	E-SB-1033	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-02	E-SB-1024	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-02	E-SB-1025	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-02	E-SB-1031	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-02	E-SB-1032	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-02	E-SB-1033	2	2	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	--	--	--	--	--	--	--	--	--	--	0.58 U	0.75 U	0.36 U	--
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	--	--	--	--	--	--	--	--	--	--	0.48 U	0.43 U	0.26 U	--
E-SB-1024-02	E-SB-1024	2	2	20131003	--	--	--	--	--	--	--	--	--	--	0.54 U	0.49 U	0.3 U	--
E-SB-1025-02	E-SB-1025	2	2	20131003	--	--	--	--	--	--	--	--	--	--	0.47 U	0.42 U	0.26 U	--
E-SB-1031-02	E-SB-1031	2	2	20131002	--	--	--	--	--	--	--	--	--	--	0.5 U	0.45 U	0.27 U	--
E-SB-1032-02	E-SB-1032	2	2	20131002	--	--	--	--	--	--	--	--	--	--	7.9 U	18 U	7.8 U	--
E-SB-1033-02	E-SB-1033	2	2	20131002	--	--	--	--	--	--	--	--	--	--	7.6 U	18 U	7.5 U	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	0.49 U	0.39 U	0.92 U	0.43 U	0.58 U	0.9 U	0.53 U	0.44 U	0.67 U	3.1 U	0.61 U	0.39 U	0.53 U	0.16 U	--	0.8 U	0.46 U
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	1 U	0.28 U	0.4 U	0.23 U	0.29 U	0.69 U	0.13 U	0.21 U	0.5 U	1 U	0.38 U	0.28 U	0.26 U	0.53 U	--	0.27 U	0.26 U
E-SB-1024-02	E-SB-1024	2	2	20131003	1.1 U	0.31 U	0.45 U	0.26 U	0.33 U	0.78 U	0.15 U	0.24 U	0.57 U	1.1 U	0.44 U	0.31 U	0.3 U	0.6 U	--	0.31 U	0.3 U
E-SB-1025-02	E-SB-1025	2	2	20131003	0.98 U	0.27 U	0.39 U	0.23 U	0.29 U	0.68 U	0.13 U	0.2 U	0.49 U	0.98 U	0.38 U	0.27 U	0.26 U	0.52 U	--	0.26 U	0.26 U
E-SB-1031-02	E-SB-1031	2	2	20131002	1 U	0.29 U	0.42 U	0.24 U	0.31 U	0.73 U	0.14 U	0.22 U	0.52 U	1 U	0.4 U	0.29 U	0.27 U	0.56 U	--	0.28 U	0.27 U
E-SB-1032-02	E-SB-1032	2	2	20131002	34 U	15 U	16 U	8.7 U	8.7 U	18 U	0.15 U	6.4 U	4.4 U	44 U	8.7 U	7.5 U	8.7 U	7.1 U	--	4.2 U	19 U
E-SB-1033-02	E-SB-1033	2	2	20131002	33 U	14 U	15 U	8.4 U	8.4 U	18 U	0.14 U	6.1 U	4.2 U	42 U	8.4 U	7.2 U	8.4 U	6.9 U	--	4 U	18 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	0.32 U	0.51 U	1.3 U	0.74 UJ	0.35 U	0.79 U	0.3 U	0.47 U	1.4 U	6.6 U	1 U	0.38 U	0.38 U	0.34 U	0.28 U	0.49 U	0.68 U	0.75 U
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	0.51 U	0.72 U	1.1 U	1.1 U	0.31 U	0.48 U	0.32 U	0.16 U	0.42 U	4.8 U	0.18 U	0.25 U	0.55 U	0.22 U	0.25 U	0.42 U	0.34 U	0.28 U
E-SB-1024-02	E-SB-1024	2	2	20131003	0.58 U	0.82 U	1.2 U	1.2 U	0.35 U	0.55 U	0.36 U	0.18 U	0.47 U	15 B	0.2 U	0.29 U	0.62 U	0.24 U	0.29 U	0.47 U	0.7 J	0.32 U
E-SB-1025-02	E-SB-1025	2	2	20131003	0.5 U	0.71 U	1.1 U	1.1 U	0.3 U	0.48 U	0.31 U	0.16 U	0.41 U	4.8 U	0.17 U	0.25 U	0.54 U	0.21 U	0.25 U	0.41 U	0.33 U	0.28 U
E-SB-1031-02	E-SB-1031	2	2	20131002	0.53 U	0.76 U	1.1 U	1.1 U	0.32 U	0.51 U	0.33 U	0.17 U	0.44 U	8.2 J	0.19 U	0.27 U	0.57 U	0.23 U	0.27 U	0.44 U	0.36 U	0.3 U
E-SB-1032-02	E-SB-1032	2	2	20131002	7 U	20 U	37 U	37 U	7.8 U	17 U	8.6 U	4.2 U	42 U	150 U	10 U	11 U	11 U	8.6 U	17 U	25 U	10 U	5.6 U
E-SB-1033-02	E-SB-1033	2	2	20131002	6.7 U	19 U	36 U	36 U	7.5 U	17 U	8.3 U	4 U	40 U	140 J	10 U	11 U	11 U	8.3 U	16 U	24 U	10 U	5.4 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	0.61 U	0.43 U	0.51 U	0.42 U	0.91 U	0.32 U	0.82 U	0.49 U	0.32 U	0.68 U	0.47 U	0.37 U	0.46 U	0.23 U	0.49 U	--	0.5 U
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	0.25 U	0.42 U	0.66 U	0.22 U	0.32 U	0.28 U	0.26 U	0.48 U	0.38 U	1.2 U	0.17 U	0.2 U	0.92 U	0.12 U	0.92 U	--	0.33 U
E-SB-1024-02	E-SB-1024	2	2	20131003	0.29 U	0.48 U	0.75 U	0.25 U	0.36 U	11	0.3 U	0.55 U	0.44 U	1.3 U	0.19 U	0.23 U	1 U	0.14 U	1 U	--	0.37 U
E-SB-1025-02	E-SB-1025	2	2	20131003	0.25 U	0.41 U	0.65 U	0.22 U	0.31 U	0.27 U	0.26 U	0.48 U	0.38 U	1.1 U	0.17 U	0.2 U	0.91 U	0.12 U	0.91 U	--	0.32 U
E-SB-1031-02	E-SB-1031	2	2	20131002	0.27 U	0.44 U	0.69 U	0.23 U	0.33 U	0.29 U	0.27 U	0.51 U	0.4 U	1.2 U	0.18 U	0.21 U	0.97 U	0.13 U	0.97 U	--	0.35 U
E-SB-1032-02	E-SB-1032	2	2	20131002	5.6 U	10 U	53 U	7.7 U	12 U	670	6.9 U	12 U	14 U	44 U	0.19 U	4.7 U	12 U	5.7 U	5.4 U	--	6.2 U
E-SB-1033-02	E-SB-1033	2	2	20131002	5.4 U	10 U	51 U	7.4 U	12 U	230	6.6 U	12 U	13 U	42 U	0.18 U	4.5 U	12 U	5.5 U	5.2 U	--	6 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EMANA-030316	EMANA	1.5	1.5	20160303	2.2 U	0.4 UJ	0.68 U	0.69 U	0.66 U	1.1 U	0.46 U	0.5 U	0.77 U	6.6 U	0.92 U	--	0.31 U	0.62 U	0 U	0.37 U	0.34 U
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-02	E-SB-1023	2	2	20131003	0.52 U	0.15 U	0.18 U	0.31 U	0.27 U	0.14 U	0.12 U	0.28 U	0.22 U	5.8 U	0.4 U	--	0.21 U	0.27 U	--	0.32 U	0.42 U
E-SB-1024-02	E-SB-1024	2	2	20131003	0.58 U	0.17 U	0.2 U	0.35 U	0.31 U	0.16 U	0.13 U	0.32 U	0.25 U	6.6 U	0.45 U	--	0.24 U	0.31 U	--	0.36 U	0.47 U
E-SB-1025-02	E-SB-1025	2	2	20131003	0.51 U	0.14 U	0.17 U	0.3 U	0.26 U	0.14 U	0.11 U	0.28 U	0.22 U	5.7 U	0.39 U	--	0.2 U	0.26 U	--	0.31 U	0.41 U
E-SB-1031-02	E-SB-1031	2	2	20131002	0.54 U	0.15 U	0.19 U	0.32 U	0.28 U	0.15 U	0.12 U	0.3 U	0.23 U	6.1 U	0.42 U	--	0.22 U	0.28 U	--	0.57 J	0.44 U
E-SB-1032-02	E-SB-1032	2	2	20131002	67 U	5.8 U	7 U	12 U	7.4 U	4.1 U	4.9 U	0.32 U	5.7 U	210 U	10 U	--	15 U	5.4 U	--	29 J	17 U
E-SB-1033-02	E-SB-1033	2	2	20131002	65 U	5.6 U	6.7 U	12 U	7.1 U	3.9 U	4.7 U	0.31 U	5.5 U	200 U	10 U	--	14 U	5.2 U	--	7.7 U	17 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
D-SB-887-BCK-RAD	E-SB-887	0	1	20120629	--	--	--	--	BACKFILL
D-SB-888-BCK-RAD	E-SB-888	0	1	20120629	--	--	--	--	BACKFILL
D-SB-889-BCK-RAD	E-SB-889	0	1	20120629	--	--	--	--	BACKFILL
D-SB-890-BCK-RAD	E-SB-890	0	1	20120629	--	--	--	--	BACKFILL
D-SB-891-BCK-RAD	E-SB-891	0	1	20120629	--	--	--	--	BACKFILL
D-SB-892-BCK-RAD	E-SB-892	0	1	20120629	--	--	--	--	BACKFILL
D-SB-893-BCK-RAD	E-SB-893	0	1	20120629	--	--	--	--	BACKFILL
E-CB-11A-0-2	E-CB-11A	0	2	20120720	--	--	--	--	NORMAL
E-CB-11A-0-2-RAD	E-CB-11A	0	2	20120720	--	--	--	--	NORMAL
E-CB-11B-0-2	E-CB-11B	0	2	20120719	--	--	--	--	NORMAL
E-CB-11B-0-2-RAD	E-CB-11B	0	2	20120719	--	--	--	--	NORMAL
E-CB-13-0-2	E-CB-13	0	2	20120720	--	--	--	--	NORMAL
E-CB-13-0-2-RAD	E-CB-13	0	2	20120720	--	--	--	--	NORMAL
E-CB-2-0-2	E-CB-2	0	2	20120719	--	--	--	--	NORMAL
E-CB-2-0-2-RAD	E-CB-2	0	2	20120719	--	--	--	--	NORMAL
EMANA-030316	EMANA	1.5	1.5	20160303	0.44 U	0.34 U	0.76 U	0.35 U	NORMAL
E-SB-1000-0.5-2	E-SB-1000	0.5	2	20130412	--	--	--	--	BACKFILL
E-SB-1001-0.5-2	E-SB-1001	0.5	2	20130412	--	--	--	--	BACKFILL
E-SB-1002-0.5-2	E-SB-1002	0.5	2	20130412	--	--	--	--	BACKFILL
E-SB-1003-0.5-2	E-SB-1003	0.5	2	20130412	--	--	--	--	BACKFILL
E-SB-1003-0.5-2-AVG	E-SB-1003	0.5	2	20130412	--	--	--	--	BACKFILL
E-SB-1003-0.5-2-D	E-SB-1003	0.5	2	20130412	--	--	--	--	BACKFILL
E-SB-1004-0.5-2	E-SB-1004	0.5	2	20130412	--	--	--	--	BACKFILL
E-SB-1005-0.5-2	E-SB-1005	0.5	2	20130412	--	--	--	--	BACKFILL
E-SB-1006-0.5-2	E-SB-1006	0.5	2	20130415	--	--	--	--	BACKFILL
E-SB-1006-0.5-2-AVG	E-SB-1006	0.5	2	20130415	--	--	--	--	BACKFILL
E-SB-1006-0.5-2-D	E-SB-1006	0.5	2	20130415	--	--	--	--	BACKFILL
E-SB-1007-0.5-2	E-SB-1007	0.5	2	20130415	--	--	--	--	BACKFILL
E-SB-1007-0.5-2-AVG	E-SB-1007	0.5	2	20130415	--	--	--	--	BACKFILL
E-SB-1007-0.5-2-D	E-SB-1007	0.5	2	20130415	--	--	--	--	BACKFILL
E-SB-1008-0.5-2	E-SB-1008	0.5	2	20130415	--	--	--	--	BACKFILL
E-SB-1009-0.5-2	E-SB-1009	0.5	2	20130415	--	--	--	--	BACKFILL
E-SB-1010-0.5-2	E-SB-1010	0.5	2	20130415	--	--	--	--	BACKFILL
E-SB-1011-0.5-2	E-SB-1011	0.5	2	20130415	--	--	--	--	BACKFILL
E-SB-1011-0.5-2-AVG	E-SB-1011	0.5	2	20130415	--	--	--	--	BACKFILL
E-SB-1011-0.5-2-D	E-SB-1011	0.5	2	20130415	--	--	--	--	BACKFILL
E-SB-1012-0.5-2	E-SB-1012	0.5	2	20130415	--	--	--	--	BACKFILL
E-SB-1013-0.5-2	E-SB-1013	0.5	2	20130415	--	--	--	--	BACKFILL
E-SB-1014-0.5-2	E-SB-1014	0.5	2	20130415	--	--	--	--	BACKFILL
E-SB-1015-0.5-2	E-SB-1015	0.5	2	20130415	--	--	--	--	BACKFILL
E-SB-1016-0.5-2	E-SB-1016	0.5	2	20130416	--	--	--	--	BACKFILL
E-SB-1016-0.5-2-AVG	E-SB-1016	0.5	2	20130416	--	--	--	--	BACKFILL
E-SB-1016-0.5-2-D	E-SB-1016	0.5	2	20130416	--	--	--	--	BACKFILL
E-SB-1017-0.5-2	E-SB-1017	0.5	2	20130416	--	--	--	--	BACKFILL
E-SB-1018-0.5-2	E-SB-1018	0.5	2	20130416	--	--	--	--	BACKFILL
E-SB-1023-02	E-SB-1023	2	2	20131003	3.7 J	0.26 U	0.19 U	0.3 U	NORMAL
E-SB-1024-02	E-SB-1024	2	2	20131003	54	0.3 U	0.22 U	0.34 U	NORMAL
E-SB-1025-02	E-SB-1025	2	2	20131003	2.5 J	0.26 U	0.19 U	0.29 U	NORMAL
E-SB-1031-02	E-SB-1031	2	2	20131002	16	0.27 U	0.2 U	0.31 U	NORMAL
E-SB-1032-02	E-SB-1032	2	2	20131002	5000	14 U	20 U	16 U	NORMAL
E-SB-1033-02	E-SB-1033	2	2	20131002	540	13 U	19 U	15 U	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1040-02	E-SB-1040	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-02	E-SB-1043	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-SB-1040-02	E-SB-1040	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-02	E-SB-1043	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-SB-1040-02	E-SB-1040	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-02	E-SB-1043	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1040-02	E-SB-1040	2	2	20131003	--	--	--	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	82
E-SB-1043-02	E-SB-1043	2	2	20131003	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	4.5 U	4.4 U	8.6 U	5.1 U	5 U	5.3 U	4.5 U
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	4.6 U
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	84
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	4.8 UJ	4.7 UJ	9.2 UJ	5.5 UJ	5.3 UJ	5.6 UJ	9.4 J
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	4.9 U	4.8 U	9.4 U	5.6 U	5.4 U	5.8 U	19 J
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	5 U	4.8 U	9.5 U	5.7 U	5.5 U	5.8 U	12 J
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.5 U	5.4 U	5.7 U	51
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.3 U	5.6 U	4.7 U
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	140
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.2 U	5.5 U	41
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	4.5 U	4.4 U	8.7 U	5.2 U	5 U	5.3 U	56
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	4.6 U
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	6.3 U	6.1 U	12 U	7.2 U	7 U	7.4 U	89
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	4.9 U	4.8 U	9.4 U	5.6 U	5.4 U	5.7 U	60
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	5 U	4.9 U	9.6 U	5.7 U	5.5 U	5.8 U	71
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	5.4 U	5.3 U	10 U	6.2 U	6 U	6.3 U	250
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	480 U	460 U	910 U	550 U	530 U	560 U	7700
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	5.1 U	4.9 U	9.7 U	5.8 U	5.6 U	5.9 U	56
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	5.1 U	5 U	9.7 U	5.8 U	5.6 U	6 U	70
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	4.9 U	4.8 U	9.4 U	5.6 U	5.4 U	5.8 U	4.9 U
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	4.8 U
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	5 U	4.8 U	9.5 U	5.7 U	5.5 U	5.8 U	4.9 U
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	4.8 U
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	9.6 J
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	4.9 U	4.8 U	9.4 U	5.6 U	5.4 U	5.7 U	6 J
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.2 U	5.1 U	5.4 U	4.5 U
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	5 U	4.9 U	9.6 U	5.7 U	5.5 U	5.8 U	4.9 U
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	5 U	4.9 U	9.6 U	5.7 U	5.5 U	5.9 U	4.9 U
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	4.7 UJ	4.5 U	8.9 U	5.3 U	5.2 U	5.5 U	4.6 UJ
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	4.7 UJ	4.6 U	9 U	5.3 U	5.2 U	5.5 U	4.6 UJ
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	4.8 U
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	4.9 U	4.8 U	9.4 U	5.6 U	5.5 U	5.8 U	4.9 U
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.3 U	5.6 U	4.7 U
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	4.8 U
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.2 U	5.5 U	11 J
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	4.8 U
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	5.6 U	5.4 U	11 U	6.4 U	11 J	6.5 U	5.5 U
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	5.25 U	5.05 U	10.15 U	6 U	6.85	6.1 U	5.15 U
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.6 U	5.4 U	5.7 U	4.8 U
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	4.6 U
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	4.65 U	4.55 U	8.9 U	5.35 U	5.15 U	5.45 U	4.65 U
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	4.7 U
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.6 U	5.4 U	5.7 U	31 J
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	17 J
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	6.6 J
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	15 J
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	250 U	240 U	470 U	280 U	270 U	290 U	4800
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	50 U	49 U	96 U	57 U	55 U	58 U	730
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	4.9 U	4.8 U	9.4 U	5.6 U	5.4 U	5.7 U	140

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1040-02	E-SB-1040	2	2	20131003	--	--	82	142.5	39	--	--	54 U	--	--	--	--	--	--
E-SB-1043-02	E-SB-1043	2	2	20131003	--	--	0 U	65	11 U	--	--	51 U	--	--	--	--	--	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	0 U	18.7	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	0 U	19.2	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	84	100.9	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	9.4	26.95	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	19	36.95	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	12	30.15	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	51	68.75	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	0 U	19.75	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	140	156.85	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	41	58.3	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	56	72.55	--	--	--	--	--	--	--	--	--	--
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	0 U	19.25	17000	--	--	150000	--	--	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	89	112	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	60	77.9	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	71	89.25	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	250	269.6	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	7700	9445	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	56	74.5	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	70	88.6	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	0 U	20.4	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	0 U	19.95	75	--	--	160000	--	--	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	0 U	20.6	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	9.6	27.15	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	6	23.9	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	0 U	19.05	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	18 J	9.3 U	18	43.35	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	0 U	20.75	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	0 U	19.35	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	0 U	19.45	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	0 U	20.45	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	0 U	19.75	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	11	28.3	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	11	31.2	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716	--	--	5.5	25.7	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	0 U	20.2	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	0 U	19.15	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716	--	--	0 U	19.35	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	0 U	19.55	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	31	48.8	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	17	34.55	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	6.6	23.5	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	15	32.2	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	4800	5700	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	730	912.5	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	140	157.9	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUAL ENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-SB-1040-02	E-SB-1040	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-02	E-SB-1043	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible]YCLIC [illegible]ATIC [illegible]ARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					[illegible]KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1040-02	E-SB-1040	2	2	20131003		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-02	E-SB-1043	2	2	20131003		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-1-2	E-SB-1049	1	2	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1040-02	E-SB-1040	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-02	E-SB-1043	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1040-02	E-SB-1040	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-02	E-SB-1043	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-SB-1040-02	E-SB-1040	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	4.4 U	27 U
E-SB-1043-02	E-SB-1043	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	4 U	25 U
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1040-02	E-SB-1040	2	2	20131003	12 U	31 U	11 U	25 U	25 U	26 U	21 U	26 U	0.56 U	10 U	0.62 U	14 U	11 U	10 U	25 U
E-SB-1043-02	E-SB-1043	2	2	20131003	11 U	28 U	10 U	23 U	23 U	24 U	19 U	24 U	0.51 U	9.3 U	0.57 U	12 U	10 U	9.4 U	23 U
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	--	--	--	--	2800	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	--	--	--	--	36	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1040-02	E-SB-1040	2	2	20131003	22 U	20 U	11 U	16 U	26 U	21 U	16 U	--	32 U	21 U	0.95 U	0.44 U	11 U	0.97 U	11 U
E-SB-1043-02	E-SB-1043	2	2	20131003	20 U	18 U	10 U	15 U	24 U	19 U	15 U	--	30 U	19 U	0.86 U	0.4 U	10 U	0.89 U	10 U
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	--	--	--	--	250	10 U	--	250	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	--	--	--	--	13	0.4 U	--	18	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1040-02	E-SB-1040	2	2	20131003	26.747	26.337	15 U	19	20	30	16	12	27 U	2.5 U	120	12 U	46 U
E-SB-1043-02	E-SB-1043	2	2	20131003	0.73 U	0.73 U	14 U	0.72 U	0.73 U	0.67 U	0.4 U	0.77 U	25 U	2.3 U	29 J	11 U	42 U
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-1-2	E-SB-1049	1	2	20140715	281.8	271.7	--	460	200	250	10 U	20 U	--	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	75.12	75.12	--	60	50	70	27	26	--	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1040-02	E-SB-1040	2	2	20131003	34 U	17	0.82 U	0.82 U	20 U	21 U	37 B	9.8 U	25	0.66 U	2.6 U	7 U	10 U	11 U
E-SB-1043-02	E-SB-1043	2	2	20131003	31 U	1.2 U	0.75 U	0.75 U	18 U	19 U	32 B	9 U	0.62 U	0.6 U	2.4 U	6.4 U	9.2 U	10 U
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	700	19 U	--	--	--	--	--	890	570	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	60	9.2	--	--	--	--	--	91	15	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-SB-1040-02	E-SB-1040	2	2	20131003	13	16 U	1 U	2.7 U	20 U	7.8 U	26 U	11 U	8.9	9.1 U	25	--	--	--	--
E-SB-1043-02	E-SB-1043	2	2	20131003	0.4 U	15 U	0.93 U	2.5 U	18 U	7.2 U	24 U	10 U	0.83 U	8.3 U	0.5 U	--	--	--	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-1-2	E-SB-1049	1	2	20140715	10 U	--	1300	--	--	--	--	--	3300	--	1600	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	26	--	93	--	--	--	--	--	45	--	82	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1040-02	E-SB-1040	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-02	E-SB-1043	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1040-02	E-SB-1040	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-02	E-SB-1043	2	2	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1040-02	E-SB-1040	2	2	20131003	--	--	--	--	--	--	--	--	--	--	0.51 U	0.46 U	0.28 U	--
E-SB-1043-02	E-SB-1043	2	2	20131003	--	--	--	--	--	--	--	--	--	--	0.48 U	0.43 U	0.26 U	--
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-1-2	E-SB-1049	1	2	20140715	--	--	--	--	--	--	--	--	--	--	16 U	38 U	16 U	--
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	--	--	--	--	--	--	--	--	--	--	210 U	480 U	200 U	--
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1040-02	E-SB-1040	2	2	20131003	1.1 U	0.3 U	0.43 U	0.25 U	0.31 U	0.74 U	0.14 U	0.22 U	0.53 U	1.1 U	0.41 U	0.3 U	0.28 U	0.57 U	--	0.29 U	0.28 U
E-SB-1043-02	E-SB-1043	2	2	20131003	1 U	0.28 U	0.4 U	0.23 U	0.29 U	0.69 U	0.13 U	0.21 U	0.54 J	1 U	0.38 U	0.28 U	0.26 U	0.53 U	--	0.27 U	0.26 U
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-1-2	E-SB-1049	1	2	20140715	70 U	31 U	32 U	18 U	18 U	38 U	510	25 J	1400	90 U	18 U	15 U	18 U	15 U	--	8.6 U	40 U
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	880 U	390 U	410 U	230 U	230 U	480 U	1300 J	170 U	7400	1100 U	230 U	190 U	230 U	190 U	--	110 U	500 U
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1040-02	E-SB-1040	2	2	20131003	0.54 U	0.77 U	1.1 U	1.1 U	0.33 U	0.52 U	0.34 U	0.17 U	0.44 U	5.2 U	0.19 U	0.27 U	0.58 U	0.23 U	0.27 U	0.44 U	0.36 U	0.3 U
E-SB-1043-02	E-SB-1043	2	2	20131003	0.51 U	0.72 U	1.1 U	1.1 U	0.31 U	0.48 U	0.31 U	0.16 U	0.41 U	4.8 U	0.18 U	0.25 U	0.54 U	0.21 U	0.25 U	0.41 U	0.34 U	0.28 U
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-1-2	E-SB-1049	1	2	20140715	14 U	41 U	77 U	77 UJ	16 U	36 U	18 U	76 J	86 U	310 U	22 U	23 U	23 U	18 U	34 U	52 U	22 U	11 U
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	180 U	520 U	970 U	970 UJ	200 U	450 U	220 U	110 U	1100 U	3900 U	270 U	290 U	290 U	220 U	430 U	660 U	270 U	150 U
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1040-02	E-SB-1040	2	2	20131003	0.27 U	0.45 U	0.71 U	0.24 U	0.34 U	0.48 J	0.28 U	0.52 U	0.41 U	1.2 U	0.18 U	0.21 U	0.99 U	0.13 U	0.99 U	--	0.35 U
E-SB-1043-02	E-SB-1043	2	2	20131003	0.25 U	0.42 U	0.66 U	0.22 U	0.31 U	0.28 U	0.26 U	0.48 U	0.38 U	1.1 U	0.17 U	0.2 U	0.92 U	0.12 U	0.92 U	--	0.33 U
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-1-2	E-SB-1049	1	2	20140715	11 U	22 U	110 U	16 U	25 U	12 U	14 U	25 U	29 U	90 U	0.4 UJ	6000	25 U	3100	11000	--	13 U
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	150 U	270 U	1400 U	200 U	320 U	160 U	180 U	320 U	360 U	1100 U	5 UJ	33000	320 U	3100 J	140000	--	160 U
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1040-02	E-SB-1040	2	2	20131003	0.55 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.12 U	0.3 U	0.24 U	6.2 U	0.43 U	--	0.22 U	0.29 U	--	0.34 U	0.44 U
E-SB-1043-02	E-SB-1043	2	2	20131003	0.51 U	0.15 U	0.18 U	0.31 U	0.27 U	0.14 U	0.11 U	0.28 U	0.22 U	5.8 U	0.4 U	--	0.21 U	0.27 U	--	0.31 U	0.41 U
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1049-1-2	E-SB-1049	1	2	20140715	160 U	1100	210 J	3900	710	280 J	24 J	0.66 U	12 U	430 UJ	22 U	--	50 J	####	--	17 U	36 U
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1054-0-1	E-SB-1054	0	1	20140715	2100 U	3000 J	370 J	2900 J	42000	360 J	130 U	8.4 U	150 U	5400 UJ	270 U	--	550 J	####	--	210 U	450 U
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-SB-1040-02	E-SB-1040	2	2	20131003	12	0.28 U	0.21 U	0.32 U	NORMAL
E-SB-1043-02	E-SB-1043	2	2	20131003	0.33 J	0.26 U	0.19 U	0.3 U	NORMAL
E-SB-1044-0-1	E-SB-1044	0	1	20140715	--	--	--	--	NORMAL
E-SB-1044-1-2	E-SB-1044	1	2	20140715	--	--	--	--	NORMAL
E-SB-1045-0-1	E-SB-1045	0	1	20140715	--	--	--	--	NORMAL
E-SB-1045-1-2	E-SB-1045	1	2	20140715	--	--	--	--	NORMAL
E-SB-1046-0-1	E-SB-1046	0	1	20140715	--	--	--	--	NORMAL
E-SB-1046-1-2	E-SB-1046	1	2	20140715	--	--	--	--	NORMAL
E-SB-1047-0-1	E-SB-1047	0	1	20140715	--	--	--	--	NORMAL
E-SB-1047-1-2	E-SB-1047	1	2	20140715	--	--	--	--	NORMAL
E-SB-1048-0-1	E-SB-1048	0	1	20140715	--	--	--	--	NORMAL
E-SB-1048-1-2	E-SB-1048	1	2	20140715	--	--	--	--	NORMAL
E-SB-1049-0-1	E-SB-1049	0	1	20140715	--	--	--	--	NORMAL
E-SB-1049-1-2	E-SB-1049	1	2	20140715	17 U	29 U	41 UR	32 U	NORMAL
E-SB-1050-0-1	E-SB-1050	0	1	20140715	--	--	--	--	NORMAL
E-SB-1050-1-2	E-SB-1050	1	2	20140715	--	--	--	--	NORMAL
E-SB-1051-0-1	E-SB-1051	0	1	20140715	--	--	--	--	NORMAL
E-SB-1051-1-2	E-SB-1051	1	2	20140715	--	--	--	--	NORMAL
E-SB-1052-0-1	E-SB-1052	0	1	20140715	--	--	--	--	NORMAL
E-SB-1052-1-2	E-SB-1052	1	2	20140715	--	--	--	--	NORMAL
E-SB-1053-0-1	E-SB-1053	0	1	20140715	--	--	--	--	NORMAL
E-SB-1053-1-2	E-SB-1053	1	2	20140715	--	--	--	--	NORMAL
E-SB-1054-0-1	E-SB-1054	0	1	20140715	220 U	360 U	520 UJ	410 U	NORMAL
E-SB-1054-1-2	E-SB-1054	1	2	20140715	--	--	--	--	NORMAL
E-SB-1055-0-1	E-SB-1055	0	1	20140715	--	--	--	--	NORMAL
E-SB-1055-1-2	E-SB-1055	1	2	20140715	--	--	--	--	NORMAL
E-SB-1056-0-1	E-SB-1056	0	1	20140715	--	--	--	--	NORMAL
E-SB-1056-1-2	E-SB-1056	1	2	20140715	--	--	--	--	NORMAL
E-SB-1057-0-1	E-SB-1057	0	1	20140715	--	--	--	--	NORMAL
E-SB-1057-1-2	E-SB-1057	1	2	20140715	--	--	--	--	NORMAL
E-SB-1058-0-1	E-SB-1058	0	1	20140715	--	--	--	--	NORMAL
E-SB-1058-1-2	E-SB-1058	1	2	20140715	--	--	--	--	NORMAL
E-SB-1059-0-1	E-SB-1059	0	1	20140716	--	--	--	--	NORMAL
E-SB-1059-1-2	E-SB-1059	1	2	20140716	--	--	--	--	NORMAL
E-SB-1060-0-1	E-SB-1060	0	1	20140716	--	--	--	--	NORMAL
E-SB-1060-1-2	E-SB-1060	1	2	20140716	--	--	--	--	NORMAL
E-SB-1061-0-1	E-SB-1061	0	1	20140716	--	--	--	--	NORMAL
E-SB-1061-1-2	E-SB-1061	1	2	20140716	--	--	--	--	NORMAL
E-SB-1062-0-1	E-SB-1062	0	1	20140716	--	--	--	--	NORMAL
E-SB-1062-0-1-AVG	E-SB-1062	0	1	20140716	--	--	--	--	NORMAL
E-SB-1062-0-1-D	E-SB-1062	0	1	20140717	--	--	--	--	NORMAL
E-SB-1062-1-2	E-SB-1062	1	2	20140716	--	--	--	--	NORMAL
E-SB-1062-1-2-AVG	E-SB-1062	1	2	20140716	--	--	--	--	NORMAL
E-SB-1062-1-2-D	E-SB-1062	1	2	20140717	--	--	--	--	NORMAL
E-SB-1063-0-1	E-SB-1063	0	1	20140716	--	--	--	--	NORMAL
E-SB-1063-1-2	E-SB-1063	1	2	20140716	--	--	--	--	NORMAL
E-SB-1064-0-1	E-SB-1064	0	1	20140716	--	--	--	--	NORMAL
E-SB-1064-1-2	E-SB-1064	1	2	20140716	--	--	--	--	NORMAL
E-SB-1065-0-1	E-SB-1065	0	1	20140716	--	--	--	--	NORMAL
E-SB-1065-1-2	E-SB-1065	1	2	20140716	--	--	--	--	NORMAL
E-SB-1066-0-1	E-SB-1066	0	1	20140716	--	--	--	--	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	4.5 U	4.4 U	8.6 U	14 J	5 U	5.3 U	4.5 U
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.2 U	5.5 U	4.6 U
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	4.4 U	4.3 U	8.5 U	5.1 U	4.9 U	5.2 U	5.5 J
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.5 U	5.4 U	5.7 U	4.8 U
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	9 J
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	4.8 U
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.2 U	5.5 U	45
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.3 U	5.6 U	4.7 U
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	5 U	4.8 U	9.5 U	5.7 U	5.5 U	5.8 U	4.9 U
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	5 U	4.8 U	9.5 U	5.7 U	5.5 U	5.8 U	4.9 U
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	5.1 U	5 U	9.8 U	5.8 U	5.6 U	6 U	9 J
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	5 U	4.9 U	9.6 U	5.7 U	5.5 U	5.8 U	4.9 U
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.2 U	5.1 U	5.4 U	5.8 J
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	4.6 U
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.3 U	5.6 U	11 J
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	4.8 U
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	4.6 U
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.6 U	5.4 U	5.7 U	4.8 U
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.2 U	5.5 U	4.6 U
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	5.1 U	5 U	9.8 U	5.8 U	5.6 U	6 U	5 U
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.6 U	5.4 U	5.7 U	4.8 U
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.6 U	5.4 U	5.7 U	4.8 U
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	5.2 U	5 U	9.9 U	5.9 U	5.7 U	6 U	9.4 J
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	4.9 U	4.8 U	9.4 U	5.6 U	5.4 U	5.7 U	4.8 U
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	5 U	4.8 U	9.5 U	5.7 U	5.5 U	5.8 U	6.4 J
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	5.1 U	5 U	9.8 U	5.8 U	5.7 U	6 U	5.1 U
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	5.7 J
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	4.9 U	4.8 U	9.4 U	5.6 U	5.4 U	5.7 U	4.8 U
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	4.8 U
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	5 U	4.8 U	9.5 U	5.6 U	5.5 U	5.8 U	4.9 U
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	5.1 U	5 U	9.7 U	5.8 U	5.6 U	6 U	5 U
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	5.2 U	5.1 U	10 U	6 U	5.8 U	6.1 U	5.2 U
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.5 U	5.4 U	5.7 U	26 J
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	4.7 U
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	5 U	4.9 U	9.6 U	5.7 U	5.5 U	5.9 U	27 J
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	5 U	4.8 U	9.5 U	5.7 U	5.5 U	5.8 U	4.9 U
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	3000 U	2900 U	5600 U	3400 U	3300 U	3400 U	90000
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	4.9 U	4.8 U	9.4 U	5.6 U	5.4 U	5.7 U	70
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	4.95 U	4.85 U	9.5 U	5.65 U	5.45 U	5.75 U	85
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	5 U	4.9 U	9.6 U	5.7 U	5.5 U	5.8 U	100
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	5 U	4.9 U	9.6 U	5.7 U	5.5 U	5.8 U	160 J
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	15 U	14.95 U	28.8 U	17.35 U	16.75 U	17.9 U	255
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	25 U	25 U	48 U	29 U	28 U	30 U	350 J
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	5.1 U	4.9 U	9.7 U	5.8 U	5.6 U	5.9 U	6.6 J
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	4.9 U	4.8 U	9.4 U	5.6 U	5.4 U	5.7 U	21 J
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.6 U	5.4 U	5.7 U	20 J
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.5 U	5.4 U	5.7 U	200
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	25 U	24 U	48 U	28 U	27 U	29 U	610
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	5.1 U	5 U	9.8 U	5.8 U	5.6 U	6 U	81
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	5.1 U	4.9 U	9.7 U	5.8 U	5.6 U	5.9 U	30 J
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	5.1 U	5 U	9.8 U	5.8 U	5.7 U	6 U	28 J

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	14	30.15	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	0 U	19.35	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	5.5	21.7	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	0 U	20.15	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	9	26.55	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	45	62.05	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	0 U	19.75	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	0 U	20.6	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	0 U	20.6	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	9	27.65	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	0 U	20.7	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	5.8	22.6	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	0 U	19.15	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	11	28.4	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	0 U	19.5	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	0 U	20.2	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	0 U	19.35	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	0 U	21.15	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	0 U	20.2	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	0 U	20.2	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	9.4	28.25	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	0 U	20.3	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	6.4	24.55	--	--	--	--	--	--	--	--	--	--
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	0 U	21.25	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	5.7	22.9	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	0 U	20.3	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	0 U	20.55	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	0 U	21.1	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	0 U	21.7	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	26	43.75	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	0 U	19.9	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	27	45.3	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	0 U	20.6	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	90000	100800	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	70	87.9	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718	--	--	85	103.075	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	100	118.25	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	160	178.25	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718	--	--	255	310.375	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	350	442.5	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	6.6	25.1	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	21	38.9	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	20	37.8	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	200	217.75	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	610	700.5	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	81	99.65	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	30	48.5	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	28	46.7	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUAL ENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible]YCLIC [illegible]ATIC [illegible]ARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					[illegible]KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1068-0-1	E-SB-1068	0	1	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-1-2	E-SB-1080	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-SB-1068-0-1	E-SB-1068	0	1	20140716	--	--	--	--	NORMAL
E-SB-1068-1-2	E-SB-1068	1	2	20140716	--	--	--	--	NORMAL
E-SB-1069-0-1	E-SB-1069	0	1	20140716	--	--	--	--	NORMAL
E-SB-1069-1-2	E-SB-1069	1	2	20140716	--	--	--	--	NORMAL
E-SB-1070-0-1	E-SB-1070	0	1	20140716	--	--	--	--	NORMAL
E-SB-1070-1-2	E-SB-1070	1	2	20140716	--	--	--	--	NORMAL
E-SB-1071-0-1	E-SB-1071	0	1	20140716	--	--	--	--	NORMAL
E-SB-1071-1-2	E-SB-1071	1	2	20140716	--	--	--	--	NORMAL
E-SB-1072-0-1	E-SB-1072	0	1	20140716	--	--	--	--	NORMAL
E-SB-1072-1-2	E-SB-1072	1	2	20140716	--	--	--	--	NORMAL
E-SB-1073-0-1	E-SB-1073	0	1	20140716	--	--	--	--	NORMAL
E-SB-1073-1-2	E-SB-1073	1	2	20140716	--	--	--	--	NORMAL
E-SB-1074-0-1	E-SB-1074	0	1	20140717	--	--	--	--	NORMAL
E-SB-1074-1-2	E-SB-1074	1	2	20140717	--	--	--	--	NORMAL
E-SB-1075-0-1	E-SB-1075	0	1	20140717	--	--	--	--	NORMAL
E-SB-1075-1-2	E-SB-1075	1	2	20140717	--	--	--	--	NORMAL
E-SB-1076-0-1	E-SB-1076	0	1	20140717	--	--	--	--	NORMAL
E-SB-1076-1-2	E-SB-1076	1	2	20140717	--	--	--	--	NORMAL
E-SB-1077-0-1	E-SB-1077	0	1	20140717	--	--	--	--	NORMAL
E-SB-1077-1-2	E-SB-1077	1	2	20140717	--	--	--	--	NORMAL
E-SB-1078-0-1	E-SB-1078	0	1	20140717	--	--	--	--	NORMAL
E-SB-1078-1-2	E-SB-1078	1	2	20140717	--	--	--	--	NORMAL
E-SB-1079-0-1	E-SB-1079	0	1	20140717	--	--	--	--	NORMAL
E-SB-1079-1-2	E-SB-1079	1	2	20140717	--	--	--	--	NORMAL
E-SB-1080-0-1	E-SB-1080	0	1	20140717	--	--	--	--	NORMAL
E-SB-1080-1-2	E-SB-1080	1	2	20140717	--	--	--	--	NORMAL
E-SB-1081-0-1	E-SB-1081	0	1	20140717	--	--	--	--	NORMAL
E-SB-1081-1-2	E-SB-1081	1	2	20140717	--	--	--	--	NORMAL
E-SB-1082-0-1	E-SB-1082	0	1	20140718	--	--	--	--	NORMAL
E-SB-1082-1-2	E-SB-1082	1	2	20140718	--	--	--	--	NORMAL
E-SB-1083-0-1	E-SB-1083	0	1	20140718	--	--	--	--	NORMAL
E-SB-1083-1-2	E-SB-1083	1	2	20140718	--	--	--	--	NORMAL
E-SB-1084-0-1	E-SB-1084	0	1	20140718	--	--	--	--	NORMAL
E-SB-1084-1-2	E-SB-1084	1	2	20140718	--	--	--	--	NORMAL
E-SB-1085-0-1	E-SB-1085	0	1	20140718	--	--	--	--	NORMAL
E-SB-1085-1-2	E-SB-1085	1	2	20140718	--	--	--	--	NORMAL
E-SB-1086-0-1	E-SB-1086	0	1	20140718	--	--	--	--	NORMAL
E-SB-1086-1-2	E-SB-1086	1	2	20140718	--	--	--	--	NORMAL
E-SB-1086-1-2-AVG	E-SB-1086	1	2	20140718	--	--	--	--	NORMAL
E-SB-1086-1-2-D	E-SB-1086	1	2	20140718	--	--	--	--	NORMAL
E-SB-1088-0-1	E-SB-1088	0	1	20140718	--	--	--	--	NORMAL
E-SB-1088-0-1-AVG	E-SB-1088	0	1	20140718	--	--	--	--	NORMAL
E-SB-1088-0-1-D	E-SB-1088	0	1	20140718	--	--	--	--	NORMAL
E-SB-1088-1-2	E-SB-1088	1	2	20140718	--	--	--	--	NORMAL
E-SB-1089-0-1	E-SB-1089	0	1	20140718	--	--	--	--	NORMAL
E-SB-1089-1-2	E-SB-1089	1	2	20140718	--	--	--	--	NORMAL
E-SB-1090-0-1	E-SB-1090	0	1	20140718	--	--	--	--	NORMAL
E-SB-1090-1-2	E-SB-1090	1	2	20140718	--	--	--	--	NORMAL
E-SB-1091-0-1	E-SB-1091	0	1	20140718	--	--	--	--	NORMAL
E-SB-1091-1-2	E-SB-1091	1	2	20140718	--	--	--	--	NORMAL
E-SB-1092-0-1	E-SB-1092	0	1	20140718	--	--	--	--	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	2.9 U	1.2 U
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	2.9 U	1.2 U
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	5.8 UJ	2.5 U
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	4.225	4.85 U	9.55 U	5.7 U	5.55 U	5.85 U	36.5
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	5.9 J	4.7 U	9.3 U	5.6 U	5.4 U	5.7 U	45
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	16 J
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	24 U	23 U	46 U	27 U	26 U	28 U	1400
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	24 U	23 U	45 U	27 U	26 U	28 U	1200
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	24 U	23.5 U	45.5 U	27.5 U	26.5 U	28 U	990
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	24 U	24 U	46 U	28 U	27 U	28 U	780
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	5 U	4.9 U	9.6 U	5.7 U	5.5 U	5.8 U	4.9 U
E-SB-1095-1-2	E-SB-1095	1	2	20140718	1.8 U	1.2 U	0.67 U	12 U	1.9 U	1.2 U	1.3 U	0.6 U	20 U	27 U	9.2 U	8.9 U	15 U	18 U	17 U
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	10 J	4.7 U
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.3 U	40	4.7 U
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	5 U	4.8 U	9.5 U	5.6 U	5.5 U	5.8 U	38 J
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	5.1 U	5 U	9.8 U	5.8 U	5.7 U	6 U	11 J
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	570 U	560 U	1100 U	650 U	630 U	670 U	37000
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	26000 U	25000 U	50000 U	30000 U	29000 U	31000 U	550000
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	490 U	480 U	940 U	870 J	540 U	570 U	25000
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	230 U	220 U	440 U	3800	250 U	270 U	11000
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	600 U	580 U	1100 U	1900 J	660 U	700 U	23000
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	46 U	45 U	88 U	220 J	51 U	54 U	580
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	480 U	460 U	910 U	540 U	530 U	560 U	24000
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	49 U	48 U	94 U	360 J	54 U	57 U	2100
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	4.5 U	4.4 U	8.7 U	5.2 U	5 U	5.3 U	4.5 U
E-SB-1102-1-2	E-SB-1102	1	2	20140723	1.8 U	1.2 U	0.67 U	12 U	1.9 U	1.2 U	1.3 U	0.6 U	19 U	26 U	9.1 U	8.8 U	14 U	18 U	17 U
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	350
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.3 U	5.6 U	9.8 J
E-SB-1104-0-1	E-SB-1104	0	1	20140725	2900	4100	1.3 U	32 J	360	870	34 J	1.9 J	19 U	26 U	9.1 U	8.8 U	14 U	18 U	11000
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	24 U	23 U	46 U	27 U	26 U	28 U	320
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	46 U	44 U	87 U	52 U	50 U	53 U	2500
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	94 U	91 U	180 U	110 U	100 U	110 U	4300
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	46 U	45 U	89 U	53 U	51 U	54 U	3600
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	47 U	46 U	91 U	54 U	52 U	55 U	1300
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	4400 U	4300 U	8400 U	5000 U	4800 U	5100 U	140000
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	46 U	45 U	88 U	53 U	51 U	54 U	1700
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	46 U	44.5 U	88 U	52.5 U	51 U	53.5 U	1750
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	46 U	44 U	88 U	52 U	51 U	53 U	1800
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	33 J
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.3 U	5.5 U	5.3 U	5.7 U	8.4 J
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	4900 U	4800 U	9400 U	5600 U	5400 U	5700 U	290000
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	46 U	45 U	88 U	53 U	51 U	54 U	2100
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	48 U	46 U	91 U	54 U	53 U	56 U	5600
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.5 U	5.4 U	5.7 U	170
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	6.1 J
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	4.5 U	4.4 U	8.7 U	5.2 U	5 U	5.3 U	9.6 J
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	88 U	85 U	170 U	100 U	97 U	100 U	3600
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	154 U	147.5 U	290 U	175 U	168.5 U	175 U	9300
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	220 U	210 U	410 U	250 U	240 U	250 U	15000
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	23 U	22 U	44 U	26 U	25 U	27 U	580
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	5 U	4.9 U	9.6 U	5.7 U	5.5 U	5.9 U	13 J
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.6 U	5.4 U	5.7 U	9.8 J
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	31 J
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.6 U	5.4 U	5.7 U	33 J

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718	--	--	39.45	56.475	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	50.9	66.25	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	16	32.9	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	1400	1487	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	1200	1286.5	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718	--	--	990	1077.5	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	780	868.5	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	0 U	20.7	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	0 U	57.55	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	10	26.8	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	40	56.95	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	38	56.1	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	11	29.7	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	37000	39090	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	550000	645500	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	25870	27380	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	14800	15505	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	24900	26720	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	800	942	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	24000	25740	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	2460	2611	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	0 U	18.8	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	0 U	55.95	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	350	366.95	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	9.8	27.2	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	11000	11047.5	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	320	407	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	2500	2666	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	4300	4642.5	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	3600	3769	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	1300	1472.5	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	140000	156000	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	1700	1868.5	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725	--	--	1750	1917.75	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	1800	1967	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	33	49.85	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	8.4	26.05	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	290000	307900	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	2100	2268.5	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	5600	5774	--	--	--	--	--	--	--	--	--	--
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	170	187.75	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	6.1	22.95	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	9.6	26.15	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	3600	3920	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725	--	--	9300	9855	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	15000	15790	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	580	663.5	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	13	31.3	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	9.8	27.6	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	31	48.2	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	33	50.8	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUAL ENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible]YCLIC [illegible]ATIC [illegible]ARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					[illegible]KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-1-2	E-SB-1110	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-SB-1092-0-1-AVG	E-SB-1092	0	1	20140718	--	--	--	--	NORMAL
E-SB-1092-0-1-D	E-SB-1092	0	1	20140718	--	--	--	--	NORMAL
E-SB-1092-1-2	E-SB-1092	1	2	20140718	--	--	--	--	NORMAL
E-SB-1094-0-1	E-SB-1094	0	1	20140718	--	--	--	--	NORMAL
E-SB-1094-1-2	E-SB-1094	1	2	20140718	--	--	--	--	NORMAL
E-SB-1094-1-2-AVG	E-SB-1094	1	2	20140718	--	--	--	--	NORMAL
E-SB-1094-1-2-D	E-SB-1094	1	2	20140718	--	--	--	--	NORMAL
E-SB-1095-0-1	E-SB-1095	0	1	20140718	--	--	--	--	NORMAL
E-SB-1095-1-2	E-SB-1095	1	2	20140718	--	--	--	--	NORMAL
E-SB-1096-0-1	E-SB-1096	0	1	20140718	--	--	--	--	NORMAL
E-SB-1096-1-2	E-SB-1096	1	2	20140718	--	--	--	--	NORMAL
E-SB-1097-0-1	E-SB-1097	0	1	20140718	--	--	--	--	NORMAL
E-SB-1097-1-2	E-SB-1097	1	2	20140718	--	--	--	--	NORMAL
E-SB-1098-0-1	E-SB-1098	0	1	20140718	--	--	--	--	NORMAL
E-SB-1098-1-2	E-SB-1098	1	2	20140718	--	--	--	--	NORMAL
E-SB-1099-0-1	E-SB-1099	0	1	20140718	--	--	--	--	NORMAL
E-SB-1099-1-2	E-SB-1099	1	2	20140718	--	--	--	--	NORMAL
E-SB-1100-0-1	E-SB-1100	0	1	20140718	--	--	--	--	NORMAL
E-SB-1100-1-2	E-SB-1100	1	2	20140718	--	--	--	--	NORMAL
E-SB-1101-0-1	E-SB-1101	0	1	20140718	--	--	--	--	NORMAL
E-SB-1101-1-2	E-SB-1101	1	2	20140718	--	--	--	--	NORMAL
E-SB-1102-0-1	E-SB-1102	0	1	20140723	--	--	--	--	NORMAL
E-SB-1102-1-2	E-SB-1102	1	2	20140723	--	--	--	--	NORMAL
E-SB-1103-0-1	E-SB-1103	0	1	20140723	--	--	--	--	NORMAL
E-SB-1103-1-2	E-SB-1103	1	2	20140723	--	--	--	--	NORMAL
E-SB-1104-0-1	E-SB-1104	0	1	20140725	--	--	--	--	NORMAL
E-SB-1104-1-2	E-SB-1104	1	2	20140725	--	--	--	--	NORMAL
E-SB-1105-0-1	E-SB-1105	0	1	20140725	--	--	--	--	NORMAL
E-SB-1105-1-2	E-SB-1105	1	2	20140725	--	--	--	--	NORMAL
E-SB-1106-0-1	E-SB-1106	0	1	20140725	--	--	--	--	NORMAL
E-SB-1106-1-2	E-SB-1106	1	2	20140725	--	--	--	--	NORMAL
E-SB-1107-0-1	E-SB-1107	0	1	20140725	--	--	--	--	NORMAL
E-SB-1107-1-2	E-SB-1107	1	2	20140725	--	--	--	--	NORMAL
E-SB-1107-1-2-AVG	E-SB-1107	1	2	20140725	--	--	--	--	NORMAL
E-SB-1107-1-2-D	E-SB-1107	1	2	20140725	--	--	--	--	NORMAL
E-SB-1108-0-1	E-SB-1108	0	1	20140723	--	--	--	--	NORMAL
E-SB-1108-1-2	E-SB-1108	1	2	20140723	--	--	--	--	NORMAL
E-SB-1109-0-1	E-SB-1109	0	1	20140725	--	--	--	--	NORMAL
E-SB-1109-1-2	E-SB-1109	1	2	20140725	--	--	--	--	NORMAL
E-SB-1110-0-1	E-SB-1110	0	1	20140723	--	--	--	--	NORMAL
E-SB-1110-1-2	E-SB-1110	1	2	20140723	--	--	--	--	NORMAL
E-SB-1111-0-1	E-SB-1111	0	1	20140723	--	--	--	--	NORMAL
E-SB-1111-1-2	E-SB-1111	1	2	20140723	--	--	--	--	NORMAL
E-SB-1112-0-1	E-SB-1112	0	1	20140725	--	--	--	--	NORMAL
E-SB-1112-0-1-AVG	E-SB-1112	0	1	20140725	--	--	--	--	NORMAL
E-SB-1112-0-1-D	E-SB-1112	0	1	20140725	--	--	--	--	NORMAL
E-SB-1112-1-2	E-SB-1112	1	2	20140725	--	--	--	--	NORMAL
E-SB-1113-0-1	E-SB-1113	0	1	20140723	--	--	--	--	NORMAL
E-SB-1113-1-2	E-SB-1113	1	2	20140723	--	--	--	--	NORMAL
E-SB-1114-0-1	E-SB-1114	0	1	20140723	--	--	--	--	NORMAL
E-SB-1114-1-2	E-SB-1114	1	2	20140723	--	--	--	--	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.6 U	5.4 U	5.7 U	69
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	16 J
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	23 U	22 U	44 U	26 U	26 U	27 U	910
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.3 U	5.6 U	7.5 J
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	120
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	62
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	23 U	22 U	43 U	26 U	25 U	27 U	510
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	23 U	22 U	43 U	26 U	25 U	26 U	520
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	23 U	23 U	45 U	27 U	26 U	27 U	750
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	24 U	23 U	45 U	27 U	26 U	28 U	330
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9.1 U	5.4 U	5.2 U	5.5 U	5.7 J
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	5.2 U	5 U	9.9 U	5.9 U	5.7 U	6.1 U	5.1 U
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	9.3 U	9 U	18 U	11 U	10 U	11 U	290
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.3 U	5.6 U	20 J
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	4.7 UJ	4.5 UJ	8.9 UJ	5.3 UJ	5.2 UJ	5.5 UJ	35 J
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	7.3 J
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	440 U	430 U	840 U	500 U	490 U	510 U	22000
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	24 U	23 U	45 U	27 U	26 U	27 U	440
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	90 U	88 U	170 U	100 U	100 U	110 U	8100
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	47 U	45 U	89 U	53 U	51 U	54 U	1400
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	23 U	22 U	43 U	26 U	25 U	26 U	250
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	4.5 U	4.4 U	8.6 U	5.1 U	4.9 U	5.2 U	30 J
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	4.5 U	4.4 U	8.6 U	5.1 U	5 U	5.3 U	4.4 U
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	4.5 U	4.3 U	8.5 U	5.1 U	4.9 U	5.2 U	4.4 U
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	4.8 U
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	4.7 U
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	4.5 U
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	4.6 U
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	5.3 U	5.1 U	10 U	6 U	5.8 U	6.2 U	5.2 U
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	5.4 U	5.2 U	10 U	6.1 U	5.9 U	6.2 U	5.3 U
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	4.6 U
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	4.7 U
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.2 U	5.5 U	4.7 U
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	5 U	4.9 U	9.6 U	5.7 U	5.5 U	5.8 U	4.9 U
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	4.7 U
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.2 U	5.5 U	4.7 U
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	4.6 U	4.4 U	8.7 U	5.2 U	5.1 U	5.3 U	4.5 U
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	4.6 U
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	4.6 U
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	4.6 U
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.2 U	5.1 U	5.4 U	4.5 U
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.3 U	5.6 U	4.7 U
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.6 U	5.4 U	5.7 U	4.8 U
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.5 U	5.3 U	5.6 U	4.7 U
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	4.6 U	4.4 U	8.7 U	5.2 U	5 U	5.3 U	4.5 U
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	4.9 U	4.8 U	9.4 U	5.6 U	5.4 U	42	4.8 U
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	4.9 U	4.8 U	9.4 U	5.6 U	5.45 U	55	4.85 U
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	4.9 U	4.8 U	9.4 U	5.6 U	5.5 U	68	4.9 U
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.3 U	5.6 U	4.7 U
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.5 U	5.4 U	5.7 U	4.8 U
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	4.5 U	4.4 U	8.6 U	5.1 U	5 U	5.2 U	4.4 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	69	86.8	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	16	33.2	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	910	994	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	7.5	24.9	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	120	136.9	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	62	79.55	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	510	593	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	520	602.5	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	750	835.5	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	330	416.5	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	5.7	22.95	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	0 U	21.45	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	290	324.15	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	20	37.4	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	35	52.05	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	7.3	24.15	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	22000	23605	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	440	526	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	8100	8429	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	1400	1569.5	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	250	332.5	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	30	46.35	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	0 U	18.65	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	0 U	18.45	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	0 U	19.9	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	0 U	19.1	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	0 U	19.5	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	0 U	21.8	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	0 U	22.05	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	0 U	19.25	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	0 U	19.55	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	0 U	19.65	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	0 U	20.7	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	0 U	19.9	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	0 U	19.65	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	0 U	18.9	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	0 U	19.25	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723	--	--	0 U	19.25	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	0 U	19.25	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	0 U	19.05	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	0 U	19.75	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	0 U	20.2	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	0 U	19.8	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	0 U	18.85	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	42	59.45	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723	--	--	55	72.5	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	68	85.55	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	0 U	19.75	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	0 U	20.15	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	0 U	18.6	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUAL ENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	YCLIC ATIC ARBONS	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1115-0-1	E-SB-1115	0	1	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-SB-1115-0-1	E-SB-1115	0	1	20140723	--	--	--	--	NORMAL
E-SB-1115-1-2	E-SB-1115	1	2	20140723	--	--	--	--	NORMAL
E-SB-1116-0-1	E-SB-1116	0	1	20140723	--	--	--	--	NORMAL
E-SB-1116-1-2	E-SB-1116	1	2	20140723	--	--	--	--	NORMAL
E-SB-1117-0-1	E-SB-1117	0	1	20140725	--	--	--	--	NORMAL
E-SB-1117-1-2	E-SB-1117	1	2	20140725	--	--	--	--	NORMAL
E-SB-1118-0-1	E-SB-1118	0	1	20140725	--	--	--	--	NORMAL
E-SB-1118-1-2	E-SB-1118	1	2	20140725	--	--	--	--	NORMAL
E-SB-1119-0-1	E-SB-1119	0	1	20140725	--	--	--	--	NORMAL
E-SB-1119-1-2	E-SB-1119	1	2	20140725	--	--	--	--	NORMAL
E-SB-1120-0-1	E-SB-1120	0	1	20140723	--	--	--	--	NORMAL
E-SB-1120-1-2	E-SB-1120	1	2	20140723	--	--	--	--	NORMAL
E-SB-1121-0-1	E-SB-1121	0	1	20140723	--	--	--	--	NORMAL
E-SB-1121-1-2	E-SB-1121	1	2	20140723	--	--	--	--	NORMAL
E-SB-1122-0-1	E-SB-1122	0	1	20140725	--	--	--	--	NORMAL
E-SB-1122-1-2	E-SB-1122	1	2	20140725	--	--	--	--	NORMAL
E-SB-1123-0-1	E-SB-1123	0	1	20140725	--	--	--	--	NORMAL
E-SB-1123-1-2	E-SB-1123	1	2	20140725	--	--	--	--	NORMAL
E-SB-1124-0-1	E-SB-1124	0	1	20140725	--	--	--	--	NORMAL
E-SB-1124-1-2	E-SB-1124	1	2	20140725	--	--	--	--	NORMAL
E-SB-1125-0-1	E-SB-1125	0	1	20140716	--	--	--	--	NORMAL
E-SB-1125-1-2	E-SB-1125	1	2	20140716	--	--	--	--	NORMAL
E-SB-1126-0-1	E-SB-1126	0	1	20140722	--	--	--	--	NORMAL
E-SB-1126-1-2	E-SB-1126	1	2	20140722	--	--	--	--	NORMAL
E-SB-1127-0-1	E-SB-1127	0	1	20140722	--	--	--	--	NORMAL
E-SB-1127-1-2	E-SB-1127	1	2	20140722	--	--	--	--	NORMAL
E-SB-1128-0-1	E-SB-1128	0	1	20140722	--	--	--	--	NORMAL
E-SB-1128-1-2	E-SB-1128	1	2	20140722	--	--	--	--	NORMAL
E-SB-1129-0-1	E-SB-1129	0	1	20140722	--	--	--	--	NORMAL
E-SB-1129-1-2	E-SB-1129	1	2	20140722	--	--	--	--	NORMAL
E-SB-1130-0-1	E-SB-1130	0	1	20140722	--	--	--	--	NORMAL
E-SB-1130-1-2	E-SB-1130	1	2	20140722	--	--	--	--	NORMAL
E-SB-1131-0-1	E-SB-1131	0	1	20140722	--	--	--	--	NORMAL
E-SB-1131-1-2	E-SB-1131	1	2	20140722	--	--	--	--	NORMAL
E-SB-1132-0-1	E-SB-1132	0	1	20140723	--	--	--	--	NORMAL
E-SB-1132-1-2	E-SB-1132	1	2	20140723	--	--	--	--	NORMAL
E-SB-1133-0-1	E-SB-1133	0	1	20140723	--	--	--	--	NORMAL
E-SB-1133-1-2	E-SB-1133	1	2	20140723	--	--	--	--	NORMAL
E-SB-1133-1-2-AVG	E-SB-1133	1	2	20140723	--	--	--	--	NORMAL
E-SB-1133-1-2-D	E-SB-1133	1	2	20140723	--	--	--	--	NORMAL
E-SB-1134-0-1	E-SB-1134	0	1	20140723	--	--	--	--	NORMAL
E-SB-1134-1-2	E-SB-1134	1	2	20140723	--	--	--	--	NORMAL
E-SB-1135-0-1	E-SB-1135	0	1	20140723	--	--	--	--	NORMAL
E-SB-1135-1-2	E-SB-1135	1	2	20140723	--	--	--	--	NORMAL
E-SB-1136-0-1	E-SB-1136	0	1	20140723	--	--	--	--	NORMAL
E-SB-1136-1-2	E-SB-1136	1	2	20140723	--	--	--	--	NORMAL
E-SB-1136-1-2-AVG	E-SB-1136	1	2	20140723	--	--	--	--	NORMAL
E-SB-1136-1-2-D	E-SB-1136	1	2	20140723	--	--	--	--	NORMAL
E-SB-1137-0-1	E-SB-1137	0	1	20140723	--	--	--	--	NORMAL
E-SB-1137-1-2	E-SB-1137	1	2	20140723	--	--	--	--	NORMAL
E-SB-1138-0-1	E-SB-1138	0	1	20140723	--	--	--	--	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-1-2	E-SB-113A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-1-2	E-SB-114A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	--	--	2.5 L	2.8	70	0.49	1.6	60 J	2.7	21	--	470 J	--	0.56 L	0.6 J	11	0.9 J
E-SB-113A-1-2	E-SB-113A	1	2	20130708	--	--	0.15 J	2.9	9.3	0.85	0.036 J	8.8 J	3.7	8.4	--	4.8 J	--	0.02 UL	0.26 J	7.5	1.3
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	--	--	11 L	3.3	110	0.62	2.3	29 J	3.2	22	--	110 J	--	0.4 L	0.7 J	17	1.2
E-SB-114A-1-2	E-SB-114A	1	2	20130708	--	--	0.38 J	5.3	27	1.6	0.18 J	15 J	6.8	13	--	14 J	--	0.03 J	0.38 J	12	2.8
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	0.8	0.074 J	--	--	--	--	--	24	120	--	--	0.6 J	--	--	--
E-SB-113A-1-2	E-SB-113A	1	2	20130708	0.018 B	0.045 J	--	--	--	--	--	18	15	--	--	0.46 J	--	--	--
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	2.8 U	1.2 U
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	0.49	0.063 J	--	--	--	--	--	36	140	--	--	0.98	--	--	--
E-SB-114A-1-2	E-SB-114A	1	2	20130708	0.029 B	0.076 J	--	--	--	--	--	24	29	--	--	0.3 U	--	--	--
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.6 U	5.4 U	5.7 U	4.8 U
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	4.6 U
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	4.6 U
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	--	--	--	--	--	--	--	--	4400 U	3400 U	3000 U	2800 U	3600 U	3600 U	12000
E-SB-113A-1-2	E-SB-113A	1	2	20130708	--	--	--	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	73
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	4.8 U
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	4.6 U	4.4 U	8.7 U	5.2 U	5 U	5.3 U	4.5 U
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	23 U	23 U	45 U	27 U	26 U	27 U	690
E-SB-1141-1-2	E-SB-1141	1	2	20140717	9.9 J	8.1 J	0.63 U	11 U	1.8 U	1.1 U	1.2 U	0.57 U	18 U	25 U	8.7 U	8.4 U	14 U	17 U	57
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	100 U	98 U	190 U	110 U	110 U	120 U	4700
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	4.6 U	4.4 U	8.7 U	5.2 U	5.1 U	5.3 U	46
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9.1 U	5.4 U	5.2 U	5.5 U	210
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.5 U	5.3 U	5.6 U	4.7 U
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	23 U	23 U	45 U	27 U	26 U	27 U	550
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	4.7 U
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	46 U	44 U	87 U	52 U	50 U	53 U	1100
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	24 J
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	47 U	46 U	91 U	54 U	52 U	55 U	1800
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	24 U	23 U	45 U	27 U	26 U	28 U	460
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	960 U	930 U	1800 U	1100 U	1100 U	1100 U	35000
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.2 U	5.5 U	92
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	4700 U	4600 U	9000 U	5400 U	5200 U	5500 U	280000
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	46 U	44 U	87 U	52 U	50 U	53 U	3300
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	950 U	920 U	1800 U	1100 U	1100 U	1100 U	55000
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	170
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	--	--	--	--	--	--	--	--	11000 U	8700 U	7600 U	7100 U	9200 U	9200 U	21000
E-SB-114A-1-2	E-SB-114A	1	2	20130708	--	--	--	--	--	--	--	--	120 U	89 U	78 U	72 U	95 U	95 U	210
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	4.5 U	4.3 U	8.5 U	5.1 U	4.9 U	5.2 U	110
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	44
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	4700 U	4500 U	8900 U	5300 U	5200 U	5500 U	200000
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	25 U	24 U	48 U	28 U	27 U	29 U	220
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	50 U	49 U	95 U	57 U	55 U	58 U	3000
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	45
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	5100 U	5000 U	9800 U	5800 U	5700 U	6000 U	130000
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	4.5 U	4.4 U	8.7 U	5.2 U	5 U	5.3 U	170
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	450 U	440 U	870 U	520 U	500 U	530 U	11000
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	4.6 U	4.4 U	8.7 U	5.2 U	5 U	5.3 U	190 J
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	93 U	91 U	180 U	110 U	100 U	110 U	5200
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.2 U	5.1 U	5.4 U	51
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	4.4 U	4.3 U	8.4 U	5 U	4.9 U	5.2 U	8 J
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	11 J
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.2 U	5.1 U	5.4 U	4.5 U
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	4.6 U
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	4.6 U
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	4.6 U
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.3 U	5.6 U	4.7 U
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.5 U	5.4 U	5.7 U	4.8 U
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	4.6 U
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	4.7 U
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	5 U	4.8 U	9.5 U	5.7 U	5.5 U	5.8 U	4.9 U
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	5.1 U	4.9 U	9.7 U	5.8 U	5.6 U	5.9 U	5 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	0 U	20.2	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	0 U	19.15	--	--	--	--	--	--	--	--	--	--
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	0 U	19.2	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	--	--	12000	22400	200	--	--	82 B	--	--	--	--	--	--
E-SB-113A-1-2	E-SB-113A	1	2	20130708	--	--	73	130	11 U	--	--	53 U	--	--	--	--	--	--
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	0 U	18.85	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	690	775.5	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	57	102.55	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	4700	5064	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	46	62.65	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	210	227.25	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	0 U	19.8	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	550	635.5	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	0 U	19.9	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	1100	1266	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	24	41.2	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	1800	1972.5	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	460	546.5	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	35000	38495	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	92	109.05	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	280000	297200	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	3300	3466	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	55000	58485	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	170	187.2	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	--	--	21000	47400	170	--	--	52 B	--	--	--	--	--	--
E-SB-114A-1-2	E-SB-114A	1	2	20130708	--	--	210	484.5	10 U	--	--	77 B	--	--	--	--	--	--
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	110	126.25	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	44	61.55	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	200000	217050	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	220	310.5	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	3000	3182	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	45	61.95	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	130000	148700	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	170	186.55	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	11000	12655	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	190	206.6	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	5200	5542	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	51	67.8	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	8	24.1	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	11	27.9	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	0 U	19.05	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	0 U	19.25	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	0 U	19.5	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	0 U	19.5	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	0 U	19.75	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	0 U	20.15	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	0 U	19.5	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	0 U	19.55	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	0 U	20.6	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	0 U	21	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUAL ENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-1-2	E-SB-113A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-1-2	E-SB-114A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible] ARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1138-1-2	E-SB-1138	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-1-2	E-SB-1139	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-1-2	E-SB-113A	1	2	20130708		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-0-1	E-SB-1140	0	1	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-1-2	E-SB-114A	1	2	20130708		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-0-1	E-SB-1150	0	1	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-1-2	E-SB-113A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-1-2	E-SB-114A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-1-2	E-SB-113A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-1-2	E-SB-114A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--	25 U	--
E-SB-113A-1-2	E-SB-113A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--	4.1 U	--
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--	37 U	--
E-SB-114A-1-2	E-SB-114A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--	3.9 U	--
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	68 U	180 U	63 U	140 U	140 U	150 U	120 U	150 U	3.2 U	58 U	60	78 U	65 U	59 U	140 U
E-SB-113A-1-2	E-SB-113A	1	2	20130708	11 U	29 U	10 U	23 U	23 U	24 U	20 U	24 U	0.52 U	9.5 U	0.58 U	13 U	11 U	9.6 U	23 U
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	100 U	270 U	94 U	210 U	210 U	220 U	180 U	220 U	4.8 U	87 U	47 J	120 U	97 U	88 U	210 U
E-SB-114A-1-2	E-SB-114A	1	2	20130708	10 U	28 U	9.8 U	22 U	22 U	23 U	19 U	23 U	0.5 U	9 U	0.55 U	12 U	10 U	9.2 U	22 U
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	130 U	110 U	65 U	93 U	150 U	120 U	93 U	--	190 U	120 U	720	2.5 U	65 U	830	65 U
E-SB-113A-1-2	E-SB-113A	1	2	20130708	21 U	19 U	11 U	15 U	24 U	20 U	15 U	--	30 U	20 U	0.88 U	0.41 U	11 U	0.91 U	11 U
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	190 U	170 U	98 U	140 U	220 U	180 U	140 U	--	280 U	180 U	570	41 J	98 U	950	97 U
E-SB-114A-1-2	E-SB-114A	1	2	20130708	20 U	18 U	10 U	14 U	23 U	19 U	14 U	--	29 U	19 U	0.84 U	0.39 U	10 U	0.86 U	10 U
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	4500.5	4500.5	85 UJ	3500	3100	4100	2000	1700	160 U	14 U	140 U	71 U	260 U
E-SB-113A-1-2	E-SB-113A	1	2	20130708	0.74 U	0.74 U	14 UJ	0.73 U	0.74 U	0.69 U	0.41 U	0.79 U	26 U	2.3 U	27 J	12 U	43 U
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	6126.5	6126.5	130 UJ	4400	4200	5500	2700	2200	230 U	21 U	200 U	110 U	390 U
E-SB-114A-1-2	E-SB-114A	1	2	20130708	26.095	25.73	13 UJ	20	20	24	14	11	24 U	2.2 U	21 U	11 U	41 U
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	580	3500	450	190 J	110 U	120 U	110 U	56 U	6600	370	15 U	40 U	58 U	64 U
E-SB-113A-1-2	E-SB-113A	1	2	20130708	31 U	1.3 U	0.77 U	0.77 U	19 U	20 U	19 B	9.2 U	6.5 J	0.62 U	2.4 U	6.5 U	9.4 U	10 U
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	640	4500	670	190 J	170 U	180 U	490 B	84 U	8300	360	22 U	59 U	86 U	96 U
E-SB-114A-1-2	E-SB-114A	1	2	20130708	30 U	20	0.73 U	0.73 U	18 U	19 U	17 U	8.7 U	28	0.58 U	2.3 U	6.2 U	8.9 U	9.9 U
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	1700	93 U	110	16 U	110 U	45 U	150 U	65 U	3900	52 U	5600	--	--	--	--
E-SB-113A-1-2	E-SB-113A	1	2	20130708	0.41 U	15 U	0.95 U	2.6 U	19 U	7.3 U	24 U	11 U	0.85 U	8.5 U	5.6 J	--	--	--	--
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	2400	140 U	98	23 U	170 U	67 U	220 U	97 U	4400	77 U	7000	--	--	--	--
E-SB-114A-1-2	E-SB-114A	1	2	20130708	12	14 U	0.9 U	2.4 U	18 U	7 U	23 U	10 U	13	8.1 U	25	--	--	--	--
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-1-2	E-SB-113A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-1-2	E-SB-114A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-1-2	E-SB-113A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-1-2	E-SB-114A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	0.74 U	0.67 U	0.41 U	--
E-SB-113A-1-2	E-SB-113A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	0.68 U	0.61 U	0.37 U	--
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	--	--	--	--	--	--	--	--	--	--	0.66 U	0.6 U	0.36 U	--
E-SB-114A-1-2	E-SB-114A	1	2	20130708	--	--	--	--	--	--	--	--	--	--	0.74 U	0.67 U	0.41 U	--
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	1.6 U	0.43 U	0.62 U	0.36 U	0.45 U	1.1 U	0.2 U	0.32 U	0.78 U	1.6 U	0.6 U	0.43 U	0.41 U	0.83 U	--	0.42 U	0.41 U
E-SB-113A-1-2	E-SB-113A	1	2	20130708	1.4 U	0.39 U	0.57 U	0.33 U	0.42 U	0.98 U	0.19 U	0.33 J	0.71 U	1.4 U	0.55 U	0.39 U	0.37 U	0.75 U	--	0.38 U	0.37 U
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	1.4 U	0.38 U	0.56 U	0.32 U	0.41 U	0.96 U	0.18 U	0.29 U	0.69 U	1.4 U	0.53 U	0.38 U	0.36 U	0.74 U	--	0.37 U	0.36 U
E-SB-114A-1-2	E-SB-114A	1	2	20130708	1.5 U	0.43 U	0.62 U	0.36 U	0.45 U	1.1 U	0.2 U	0.32 U	0.77 U	1.5 U	0.6 U	0.43 U	0.41 U	0.82 U	--	0.42 U	0.41 U
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	0.79 U	1.1 U	1.7 U	1.7 U	0.48 U	0.75 U	0.49 U	0.25 U	0.65 U	7.5 U	0.28 U	0.39 U	0.85 U	0.33 U	0.39 U	0.65 U	0.53 U	0.44 U
E-SB-113A-1-2	E-SB-113A	1	2	20130708	0.72 U	1 U	1.5 U	1.5 U	0.44 U	0.69 U	0.45 U	0.23 U	0.59 U	25 B	0.25 U	0.36 U	0.78 U	0.31 U	0.36 U	0.59 U	0.48 U	0.4 U
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	0.71 U	1 U	1.5 U	1.5 U	0.43 U	0.67 U	0.44 U	0.22 U	0.58 U	6.7 U	0.25 U	0.35 U	0.76 U	0.3 U	0.35 U	0.58 U	0.47 U	0.4 U
E-SB-114A-1-2	E-SB-114A	1	2	20130708	0.79 U	1.1 U	2.7 J	1.7 U	0.48 U	0.75 U	0.49 U	0.25 U	0.64 U	68	0.27 U	0.39 U	0.85 U	0.33 U	0.39 U	0.64 U	0.52 U	0.44 U
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	0.39 U	0.66 U	1 U	0.35 U	0.49 U	0.43 U	0.41 U	0.75 U	0.6 U	1.8 U	0.26 U	0.31 U	1.4 U	0.19 U	1.4 U	--	0.51 U
E-SB-113A-1-2	E-SB-113A	1	2	20130708	0.36 U	0.6 U	0.94 U	0.32 U	0.45 U	0.39 U	0.37 U	0.69 U	0.55 U	1.6 U	0.24 U	0.28 U	1.3 U	0.17 U	1.3 U	--	0.47 U
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	0.35 U	0.59 U	0.92 U	0.31 U	0.44 U	0.38 U	0.36 U	0.67 U	0.53 U	1.6 U	0.24 U	0.28 U	1.3 U	0.17 U	1.3 U	--	0.46 U
E-SB-114A-1-2	E-SB-114A	1	2	20130708	0.39 U	0.66 U	1 U	0.35 U	0.49 U	0.43 U	0.41 U	0.75 U	0.6 U	1.8 U	0.26 U	0.31 U	1.4 U	0.19 U	1.4 U	--	0.51 U
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	3 B	0.7 J	0.28 U	0.48 U	0.42 U	0.22 U	0.18 U	0.44 U	0.35 U	9.1 UR	0.62 U	--	0.32 U	0.8 U	--	0.49 U	0.65 U
E-SB-113A-1-2	E-SB-113A	1	2	20130708	3.4 B	0.21 U	0.25 U	0.44 U	0.38 U	0.2 U	0.16 U	0.4 U	0.32 U	8.3 UR	0.57 U	--	0.3 U	0.73 U	--	0.45 U	0.59 U
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	4.7 B	0.77 J	0.25 U	0.43 U	0.37 U	0.19 U	0.16 U	0.4 U	0.31 U	8.1 UR	0.56 U	--	0.29 U	0.72 U	--	0.44 U	0.58 U
E-SB-114A-1-2	E-SB-114A	1	2	20130708	4.7 B	0.23 U	0.27 U	0.48 U	0.42 U	0.21 U	0.18 U	0.44 U	0.35 U	9.1 UR	0.62 U	--	0.32 U	0.8 U	--	0.49 U	0.64 U
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-SB-1138-1-2	E-SB-1138	1	2	20140723	--	--	--	--	NORMAL
E-SB-1139-0-1	E-SB-1139	0	1	20140723	--	--	--	--	NORMAL
E-SB-1139-1-2	E-SB-1139	1	2	20140723	--	--	--	--	NORMAL
E-SB-113A-0-0.5	E-SB-113A	0	0.5	20130708	0.5 U	0.41 U	0.3 UR	0.47 U	NORMAL
E-SB-113A-1-2	E-SB-113A	1	2	20130708	0.46 U	0.37 U	0.27 UR	0.43 U	NORMAL
E-SB-1140-0-1	E-SB-1140	0	1	20140723	--	--	--	--	NORMAL
E-SB-1140-1-2	E-SB-1140	1	2	20140723	--	--	--	--	NORMAL
E-SB-1141-0-1	E-SB-1141	0	1	20140717	--	--	--	--	NORMAL
E-SB-1141-1-2	E-SB-1141	1	2	20140717	--	--	--	--	NORMAL
E-SB-1142-0-1	E-SB-1142	0	1	20140717	--	--	--	--	NORMAL
E-SB-1142-1-2	E-SB-1142	1	2	20140717	--	--	--	--	NORMAL
E-SB-1143-0-1	E-SB-1143	0	1	20140717	--	--	--	--	NORMAL
E-SB-1143-1-2	E-SB-1143	1	2	20140717	--	--	--	--	NORMAL
E-SB-1144-0-1	E-SB-1144	0	1	20140717	--	--	--	--	NORMAL
E-SB-1144-1-2	E-SB-1144	1	2	20140717	--	--	--	--	NORMAL
E-SB-1145-0-1	E-SB-1145	0	1	20140717	--	--	--	--	NORMAL
E-SB-1145-1-2	E-SB-1145	1	2	20140717	--	--	--	--	NORMAL
E-SB-1146-0-1	E-SB-1146	0	1	20140717	--	--	--	--	NORMAL
E-SB-1146-1-2	E-SB-1146	1	2	20140717	--	--	--	--	NORMAL
E-SB-1147-0-1	E-SB-1147	0	1	20140717	--	--	--	--	NORMAL
E-SB-1147-1-2	E-SB-1147	1	2	20140717	--	--	--	--	NORMAL
E-SB-1148-0-1	E-SB-1148	0	1	20140717	--	--	--	--	NORMAL
E-SB-1148-1-2	E-SB-1148	1	2	20140717	--	--	--	--	NORMAL
E-SB-1149-0-1	E-SB-1149	0	1	20140717	--	--	--	--	NORMAL
E-SB-1149-1-2	E-SB-1149	1	2	20140717	--	--	--	--	NORMAL
E-SB-114A-0-0.5	E-SB-114A	0	0.5	20130708	0.45 U	0.36 U	0.27 UR	0.42 U	NORMAL
E-SB-114A-1-2	E-SB-114A	1	2	20130708	0.5 U	0.41 U	0.3 UR	0.46 U	NORMAL
E-SB-1150-0-1	E-SB-1150	0	1	20140723	--	--	--	--	NORMAL
E-SB-1150-1-2	E-SB-1150	1	2	20140723	--	--	--	--	NORMAL
E-SB-1151-0-1	E-SB-1151	0	1	20140717	--	--	--	--	NORMAL
E-SB-1151-1-2	E-SB-1151	1	2	20140717	--	--	--	--	NORMAL
E-SB-1152-0-1	E-SB-1152	0	1	20140717	--	--	--	--	NORMAL
E-SB-1152-1-2	E-SB-1152	1	2	20140717	--	--	--	--	NORMAL
E-SB-1153-0-1	E-SB-1153	0	1	20140717	--	--	--	--	NORMAL
E-SB-1153-1-2	E-SB-1153	1	2	20140717	--	--	--	--	NORMAL
E-SB-1154-0-1	E-SB-1154	0	1	20140717	--	--	--	--	NORMAL
E-SB-1154-1-2	E-SB-1154	1	2	20140717	--	--	--	--	NORMAL
E-SB-1155-0-1	E-SB-1155	0	1	20140717	--	--	--	--	NORMAL
E-SB-1155-1-2	E-SB-1155	1	2	20140717	--	--	--	--	NORMAL
E-SB-1156-0-1	E-SB-1156	0	1	20140722	--	--	--	--	NORMAL
E-SB-1156-1-2	E-SB-1156	1	2	20140722	--	--	--	--	NORMAL
E-SB-1157-0-1	E-SB-1157	0	1	20140722	--	--	--	--	NORMAL
E-SB-1157-1-2	E-SB-1157	1	2	20140722	--	--	--	--	NORMAL
E-SB-1158-0-1	E-SB-1158	0	1	20140722	--	--	--	--	NORMAL
E-SB-1158-1-2	E-SB-1158	1	2	20140722	--	--	--	--	NORMAL
E-SB-1159-0-1	E-SB-1159	0	1	20140722	--	--	--	--	NORMAL
E-SB-1159-1-2	E-SB-1159	1	2	20140722	--	--	--	--	NORMAL
E-SB-1160-0-1	E-SB-1160	0	1	20140722	--	--	--	--	NORMAL
E-SB-1160-1-2	E-SB-1160	1	2	20140722	--	--	--	--	NORMAL
E-SB-1161-0-1	E-SB-1161	0	1	20140722	--	--	--	--	NORMAL
E-SB-1161-1-2	E-SB-1161	1	2	20140722	--	--	--	--	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	3.1 U	1.3 U
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.5 U	5.3 U	5.6 U	4.7 U
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	4.7 U
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	4.5 U	4.4 U	8.7 U	5.2 U	5 U	5.3 U	4.5 U
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.2 U	5.5 U	4.6 U
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	4.4 U	4.2 U	8.3 U	5 U	4.8 U	5.1 U	23 J
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	24 J
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.2 U	5.5 U	15 J
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	4.9 U	4.8 U	9.4 U	5.6 U	5.4 U	5.8 U	30 J
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.3 U	5.6 U	4.7 U
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	4.6 U
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	5 U	4.8 U	9.5 U	5.6 U	5.5 U	5.8 U	4.9 U
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	4.6 U
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	4.5 U	4.4 U	8.6 U	5.2 U	5 U	5.3 U	110
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	5 U	4.9 U	9.6 U	5.8 U	5.6 U	5.9 U	46
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	47 U	45 U	89 U	53 U	52 U	55 U	850
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.2 U	5.4 U	7.2 J
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	23 U	22 U	44 U	26 U	25 U	27 U	570
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.3 U	5.2 U	5.5 U	4.6 U
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.2 U	5.5 U	19 J
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	4.6 U
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	4.6 U
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	4.6 U
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	4.6 U	4.4 U	8.7 U	5.2 U	5 U	5.3 U	47
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	4.6 U
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	4.75 U	4.65 U	9.1 U	5.45 U	5.25 U	5.55 U	6.15
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	10 J
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	9.3 J
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.1 U	5.5 U	5.3 U	5.6 U	15 J
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	9.3 J
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	6.1 J
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	480 U	470 U	930 U	550 U	530 U	570 U	14000
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	46
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	600 U	580 U	1100 U	680 U	660 U	690 U	32000
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	5.1 U	4.9 U	9.7 U	5.8 U	5.6 U	5.9 U	52
E-SB-1178-0-1	E-SB-1178	0	1	20140716	210	290	0.72 U	12 U	33 J	39	1.4 U	0.64 U	21 U	28 U	9.8 U	9.4 U	15 U	19 U	2400
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	4.6 U	4.4 U	8.7 U	5.2 U	5 U	5.3 U	8.3 J
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	500 U	490 U	960 U	570 U	550 U	580 U	20000
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	4.5 U	4.4 U	8.6 U	5.1 U	4.9 U	5.2 U	27 J
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	4.4 U	4.2 U	8.3 U	5 U	4.8 U	5.1 U	7.3 J
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	4.4 U	4.3 U	8.5 U	5.1 U	4.9 U	5.2 U	4.5 J
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	100 U	100 U	200 U	120 U	110 U	120 U	6100
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	9.3 U	9 U	18 U	11 U	10 U	11 U	140
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	50 U	48 U	95 U	56 U	55 U	58 U	2500
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.2 U	5.1 U	5.4 U	5.2 J
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	1200 U	1100 U	2200 U	1300 U	1300 U	1400 U	60000
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	24 U	23 U	46 U	27 U	27 U	28 U	590
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	230 U	220 U	440 U	260 U	250 U	270 U	16000
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	46 U	45 U	89 U	53 U	51 U	54 U	1100
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.5 U	5.3 U	5.6 U	19 J
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.2 U	5.5 U	17 J
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	46 U	44 U	87 U	52 U	51 U	53 U	4600

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	0 U	19.8	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	0 U	19.9	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	0 U	18.8	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	0 U	19.35	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	23	38.9	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	24	41.2	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	15	32.05	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	30	47.95	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	0 U	19.75	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	0 U	19.25	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	0 U	20.55	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	0 U	19.2	--	--	--	--	--	--	--	--	--	--
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	110	126.5	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	46	64.4	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	850	1020.5	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	7.2	24.2	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	570	653.5	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	0 U	19.45	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	19	36.05	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	0 U	19.5	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721	--	--	0 U	19.5	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	0 U	19.5	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	47	63.6	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	0 U	19.5	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721	--	--	5	23.525	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	10	27.55	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	9.3	26.25	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	15	32.5	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	9.3	26.15	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	6.1	23.05	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	14000	15765	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	46	62.85	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	32000	34155	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	52	70.5	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	2400	2451.1	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	8.3	24.9	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	20000	21825	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	27	43.35	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	7.3	23.2	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	4.5	20.7	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	6100	6475	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	140	174.15	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	2500	2681	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	5.2	22	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	60000	64250	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	590	677.5	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	16000	16835	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	1100	1269	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	19	36.45	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	17	34.05	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	4600	4766.5	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUALENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible]YCLIC [illegible]ATIC [illegible]ARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					[illegible]KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1162-0-1	E-SB-1162	0	1	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-0-1	E-SB-1168	0	1	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-SB-1162-0-1	E-SB-1162	0	1	20140722	--	--	--	--	NORMAL
E-SB-1162-1-2	E-SB-1162	1	2	20140722	--	--	--	--	NORMAL
E-SB-1163-0-1	E-SB-1163	0	1	20140722	--	--	--	--	NORMAL
E-SB-1163-1-2	E-SB-1163	1	2	20140722	--	--	--	--	NORMAL
E-SB-1164-0-1	E-SB-1164	0	1	20140722	--	--	--	--	NORMAL
E-SB-1164-1-2	E-SB-1164	1	2	20140722	--	--	--	--	NORMAL
E-SB-1165-0-1	E-SB-1165	0	1	20140722	--	--	--	--	NORMAL
E-SB-1165-1-2	E-SB-1165	1	2	20140722	--	--	--	--	NORMAL
E-SB-1166-0-1	E-SB-1166	0	1	20140722	--	--	--	--	NORMAL
E-SB-1166-1-2	E-SB-1166	1	2	20140722	--	--	--	--	NORMAL
E-SB-1167-0-1	E-SB-1167	0	1	20140722	--	--	--	--	NORMAL
E-SB-1167-1-2	E-SB-1167	1	2	20140722	--	--	--	--	NORMAL
E-SB-1168-0-1	E-SB-1168	0	1	20140722	--	--	--	--	NORMAL
E-SB-1168-1-2	E-SB-1168	1	2	20140722	--	--	--	--	NORMAL
E-SB-1169-0-1	E-SB-1169	0	1	20140723	--	--	--	--	NORMAL
E-SB-1169-1-2	E-SB-1169	1	2	20140723	--	--	--	--	NORMAL
E-SB-1170-0-1	E-SB-1170	0	1	20140721	--	--	--	--	NORMAL
E-SB-1170-1-2	E-SB-1170	1	2	20140721	--	--	--	--	NORMAL
E-SB-1171-0-1	E-SB-1171	0	1	20140721	--	--	--	--	NORMAL
E-SB-1171-1-2	E-SB-1171	1	2	20140721	--	--	--	--	NORMAL
E-SB-1171-1-2-AVG	E-SB-1171	1	2	20140721	--	--	--	--	NORMAL
E-SB-1171-1-2-D	E-SB-1171	1	2	20140721	--	--	--	--	NORMAL
E-SB-1172-0-1	E-SB-1172	0	1	20140721	--	--	--	--	NORMAL
E-SB-1172-1-2	E-SB-1172	1	2	20140721	--	--	--	--	NORMAL
E-SB-1172-1-2-AVG	E-SB-1172	1	2	20140721	--	--	--	--	NORMAL
E-SB-1172-1-2-D	E-SB-1172	1	2	20140721	--	--	--	--	NORMAL
E-SB-1173-0-1	E-SB-1173	0	1	20140721	--	--	--	--	NORMAL
E-SB-1173-1-2	E-SB-1173	1	2	20140721	--	--	--	--	NORMAL
E-SB-1175-0-1	E-SB-1175	0	1	20140721	--	--	--	--	NORMAL
E-SB-1175-1-2	E-SB-1175	1	2	20140721	--	--	--	--	NORMAL
E-SB-1176-0-1	E-SB-1176	0	1	20140716	--	--	--	--	NORMAL
E-SB-1176-1-2	E-SB-1176	1	2	20140716	--	--	--	--	NORMAL
E-SB-1177-0-1	E-SB-1177	0	1	20140716	--	--	--	--	NORMAL
E-SB-1177-1-2	E-SB-1177	1	2	20140716	--	--	--	--	NORMAL
E-SB-1178-0-1	E-SB-1178	0	1	20140716	--	--	--	--	NORMAL
E-SB-1178-1-2	E-SB-1178	1	2	20140716	--	--	--	--	NORMAL
E-SB-1179-0-1	E-SB-1179	0	1	20140716	--	--	--	--	NORMAL
E-SB-1179-1-2	E-SB-1179	1	2	20140716	--	--	--	--	NORMAL
E-SB-1180-0-1	E-SB-1180	0	1	20140716	--	--	--	--	NORMAL
E-SB-1180-1-2	E-SB-1180	1	2	20140716	--	--	--	--	NORMAL
E-SB-1181-0-1	E-SB-1181	0	1	20140717	--	--	--	--	NORMAL
E-SB-1181-1-2	E-SB-1181	1	2	20140717	--	--	--	--	NORMAL
E-SB-1182-0-1	E-SB-1182	0	1	20140717	--	--	--	--	NORMAL
E-SB-1182-1-2	E-SB-1182	1	2	20140717	--	--	--	--	NORMAL
E-SB-1183-0-1	E-SB-1183	0	1	20140717	--	--	--	--	NORMAL
E-SB-1183-1-2	E-SB-1183	1	2	20140717	--	--	--	--	NORMAL
E-SB-1184-0-1	E-SB-1184	0	1	20140728	--	--	--	--	NORMAL
E-SB-1184-1-2	E-SB-1184	1	2	20140728	--	--	--	--	NORMAL
E-SB-1185-0-1	E-SB-1185	0	1	20140724	--	--	--	--	NORMAL
E-SB-1185-1-2	E-SB-1185	1	2	20140724	--	--	--	--	NORMAL
E-SB-1186-0-1	E-SB-1186	0	1	20140728	--	--	--	--	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	2.9 U	1.2 U
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	48 U	47 U	92 U	55 U	53 U	56 U	1700
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	2200 U	2200 U	4300 U	2600 U	2500 U	2600 U	58000
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	23000 U	23000 U	44000 U	26000 U	26000 U	27000 U	340000
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	440 U	430 U	850 U	510 U	490 U	520 U	39000
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	23 U	22 U	44 U	26 U	25 U	27 U	490
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	2500 U	2400 U	4700 U	2800 U	2700 U	2900 U	64000
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	490 U	480 U	940 U	560 U	540 U	570 U	29000
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	47 U	46 U	90 U	54 U	52 U	55 U	3100
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	92 U	89 U	180 U	110 U	100 U	110 U	6100
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	2300 U	2200 U	4400 U	2600 U	2500 U	2700 U	83000
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	92 U	90 U	180 U	110 U	100 U	110 U	4700
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	93 U	91 U	180 U	110 U	100 U	110 U	4300
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	94 U	92 U	180 U	110 U	100 U	110 U	3900
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	2200 U	2100 U	4200 U	2500 U	2400 U	2600 U	140000
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	460 U	440 U	870 U	520 U	500 U	530 U	34000
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	23 U	23 U	45 U	27 U	26 U	27 U	440
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	23 U	23 U	44 U	26 U	26 U	27 U	470
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	430 U	420 U	830 U	490 U	480 U	500 U	21000
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.2 U	5.5 U	230
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	90 U	87 U	170 U	100 U	99 U	100 U	9500
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	22 U	22 U	43 U	25 U	25 U	26 U	200
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	2100 U	2100 U	4100 U	2400 U	2400 U	2500 U	97000
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	43 U	42 U	82 U	49 U	48 U	50 U	2400
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	85 U	83 U	160 U	97 U	94 U	99 U	4600
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	4.4 U	4.3 U	8.5 U	5 U	4.9 U	5.2 U	430
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	13.2 U	13.15 U	25.75 U	15.5 U	14.95 U	15.6 U	475
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	22 U	22 U	43 U	26 U	25 U	26 U	520
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	550 U	540 U	1100 U	630 U	610 U	650 U	56000
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	52 U	50 U	99 U	59 U	57 U	61 U	1100
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	96 U	93 U	180 U	110 U	110 U	110 U	3700
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	96 U	94 U	180 U	110 U	110 U	110 U	6000
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	21000 U	20000 U	40000 U	24000 U	23000 U	25000 U	740000
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	46 U	45 U	89 U	53 U	51 U	54 U	1500
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	23 U	22 U	44 U	26 U	26 U	27 U	440
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	22 U	21 U	41 U	25 U	24 U	25 U	690
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	22.5 U	21.5 U	42.5 U	25.5 U	24.5 U	26 U	630
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	23 U	22 U	44 U	26 U	25 U	27 U	570
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.3 U	5.6 U	64
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	70
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	78
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	150
E-SB-1204-0-1	E-SB-1204	0	1	20140728	2000 J	2200	0.65 U	19 J	270 J	520	9.9 J	0.58 U	19 U	26 U	8.9 U	8.6 U	14 U	17 U	8000
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	4.5 U	4.4 U	8.7 U	5.2 U	5 U	5.3 U	23 J
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	87 U	85 U	170 U	100 U	96 U	100 U	5400
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	25 U	24 U	48 U	28 U	28 U	29 U	630
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	43 U	42 U	82 U	49 U	47 U	50 U	2600
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	4.6 U	4.4 U	8.7 U	5.2 U	5 U	5.3 U	22 J
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	4.65 U	4.45 U	8.8 U	5.25 U	5.05 U	5.35 U	23
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	24 J
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	5.4 U	5.3 U	10 U	6.2 U	6 U	6.3 U	5.4 U
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	5 U	4.8 U	9.5 U	5.7 U	5.5 U	5.8 U	4.9 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	1700	1875.5	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	58000	66200	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	340000	424500	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	39000	40620	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	490	573.5	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	64000	73000	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	29000	30790	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	3100	3272	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	6100	6440.5	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	83000	91350	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	4700	5041	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724	--	--	4300	4642	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	3900	4243	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	140000	148000	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	34000	35660	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	440	525.5	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	470	554.5	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	21000	22575	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	230	247.3	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	9500	9823	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	200	281.5	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	97000	104800	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	2400	2557	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	4600	4909	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	430	446.15	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728	--	--	475	524.075	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	520	602	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	56000	58040	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	1100	1289	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	3700	4049.5	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	6000	6350	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	740000	816500	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	1500	1669	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	440	524	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	690	769	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728	--	--	630	711.25	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	570	653.5	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	64	81.4	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	70	87.55	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	78	95.55	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	150	167.55	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	8000	8046.75	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	23	39.55	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	5400	5719	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	630	721	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	2600	2756.5	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	22	38.6	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731	--	--	23	39.775	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	24	40.95	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	0 U	22.3	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	0 U	20.6	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUAL ENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible]YCLIC [illegible]ATIC [illegible]ARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					[illegible]KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1186-1-2	E-SB-1186	1	2	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-SB-1186-1-2	E-SB-1186	1	2	20140728	--	--	--	--	NORMAL
E-SB-1187-0-1	E-SB-1187	0	1	20140728	--	--	--	--	NORMAL
E-SB-1187-1-2	E-SB-1187	1	2	20140728	--	--	--	--	NORMAL
E-SB-1188-0-1	E-SB-1188	0	1	20140728	--	--	--	--	NORMAL
E-SB-1188-1-2	E-SB-1188	1	2	20140728	--	--	--	--	NORMAL
E-SB-1189-0-1	E-SB-1189	0	1	20140728	--	--	--	--	NORMAL
E-SB-1189-1-2	E-SB-1189	1	2	20140728	--	--	--	--	NORMAL
E-SB-1190-0-1	E-SB-1190	0	1	20140728	--	--	--	--	NORMAL
E-SB-1190-1-2	E-SB-1190	1	2	20140728	--	--	--	--	NORMAL
E-SB-1191-0-1	E-SB-1191	0	1	20140724	--	--	--	--	NORMAL
E-SB-1191-1-2	E-SB-1191	1	2	20140724	--	--	--	--	NORMAL
E-SB-1191-1-2-AVG	E-SB-1191	1	2	20140724	--	--	--	--	NORMAL
E-SB-1191-1-2-D	E-SB-1191	1	2	20140724	--	--	--	--	NORMAL
E-SB-1192-0-1	E-SB-1192	0	1	20140728	--	--	--	--	NORMAL
E-SB-1192-1-2	E-SB-1192	1	2	20140728	--	--	--	--	NORMAL
E-SB-1193-0-1	E-SB-1193	0	1	20140728	--	--	--	--	NORMAL
E-SB-1193-1-2	E-SB-1193	1	2	20140728	--	--	--	--	NORMAL
E-SB-1194-0-1	E-SB-1194	0	1	20140728	--	--	--	--	NORMAL
E-SB-1194-1-2	E-SB-1194	1	2	20140728	--	--	--	--	NORMAL
E-SB-1195-0-1	E-SB-1195	0	1	20140729	--	--	--	--	NORMAL
E-SB-1195-1-2	E-SB-1195	1	2	20140729	--	--	--	--	NORMAL
E-SB-1196-0-1	E-SB-1196	0	1	20140728	--	--	--	--	NORMAL
E-SB-1196-1-2	E-SB-1196	1	2	20140728	--	--	--	--	NORMAL
E-SB-1197-0-1	E-SB-1197	0	1	20140728	--	--	--	--	NORMAL
E-SB-1197-1-2	E-SB-1197	1	2	20140728	--	--	--	--	NORMAL
E-SB-1197-1-2-AVG	E-SB-1197	1	2	20140728	--	--	--	--	NORMAL
E-SB-1197-1-2-D	E-SB-1197	1	2	20140728	--	--	--	--	NORMAL
E-SB-1198-0-1	E-SB-1198	0	1	20140728	--	--	--	--	NORMAL
E-SB-1198-1-2	E-SB-1198	1	2	20140728	--	--	--	--	NORMAL
E-SB-1199-0-1	E-SB-1199	0	1	20140728	--	--	--	--	NORMAL
E-SB-1199-1-2	E-SB-1199	1	2	20140728	--	--	--	--	NORMAL
E-SB-1200-0-1	E-SB-1200	0	1	20140728	--	--	--	--	NORMAL
E-SB-1200-1-2	E-SB-1200	1	2	20140728	--	--	--	--	NORMAL
E-SB-1201-0-1	E-SB-1201	0	1	20140728	--	--	--	--	NORMAL
E-SB-1201-1-2	E-SB-1201	1	2	20140728	--	--	--	--	NORMAL
E-SB-1201-1-2-AVG	E-SB-1201	1	2	20140728	--	--	--	--	NORMAL
E-SB-1201-1-2-D	E-SB-1201	1	2	20140728	--	--	--	--	NORMAL
E-SB-1202-0-1	E-SB-1202	0	1	20140724	--	--	--	--	NORMAL
E-SB-1202-1-2	E-SB-1202	1	2	20140724	--	--	--	--	NORMAL
E-SB-1203-0-1	E-SB-1203	0	1	20140729	--	--	--	--	NORMAL
E-SB-1203-1-2	E-SB-1203	1	2	20140729	--	--	--	--	NORMAL
E-SB-1204-0-1	E-SB-1204	0	1	20140728	--	--	--	--	NORMAL
E-SB-1204-1-2	E-SB-1204	1	2	20140728	--	--	--	--	NORMAL
E-SB-1205-0-1	E-SB-1205	0	1	20140731	--	--	--	--	NORMAL
E-SB-1205-1-2	E-SB-1205	1	2	20140731	--	--	--	--	NORMAL
E-SB-1206-0-1	E-SB-1206	0	1	20140731	--	--	--	--	NORMAL
E-SB-1206-1-2	E-SB-1206	1	2	20140731	--	--	--	--	NORMAL
E-SB-1206-1-2-AVG	E-SB-1206	1	2	20140731	--	--	--	--	NORMAL
E-SB-1206-1-2-D	E-SB-1206	1	2	20140731	--	--	--	--	NORMAL
E-SB-1207-0-1	E-SB-1207	0	1	20140724	--	--	--	--	NORMAL
E-SB-1207-1-2	E-SB-1207	1	2	20140724	--	--	--	--	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	2.7 U	1.1 U
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	4.7 U
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	5.1 U	4.9 U	9.7 U	5.8 U	5.6 U	5.9 U	5 U
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	4.5 U	4.4 U	8.6 U	5.1 U	5 U	5.2 U	4.4 U
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.2 U	5.1 U	5.4 U	4.5 U
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9.1 U	5.4 U	5.2 U	5.5 U	4.7 U
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	4.2 U	4.1 U	8.1 U	4.8 U	4.7 U	5 U	4.2 U
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	4.5 U
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.3 U	5.6 U	60
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	4.5 U	4.4 U	8.6 U	5.2 U	5 U	5.3 U	4.5 U
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	4.6 U
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	4.8 U
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	4.9 U	4.8 U	9.4 U	5.6 U	5.5 U	5.8 U	4.9 U
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	4.7 U
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	4.8 U
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9.1 U	5.4 U	5.2 U	5.5 U	40
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	4.5 U	4.4 U	8.7 U	5.2 U	5 U	5.3 U	5.2 J
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.2 U	5.1 U	5.4 U	13 J
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	21 J
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	4.4 U	4.3 U	8.4 U	5 U	4.9 U	5.2 U	34 J
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	4.4 U	4.3 U	8.5 U	5.1 U	4.9 U	5.2 U	35 J
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	450 U	430 U	850 U	510 U	490 U	520 U	14000
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	4.5 U	4.3 U	8.5 U	5.1 U	4.9 U	5.2 U	93 J
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	4.45 U	4.3 U	8.5 U	5.1 U	4.9 U	5.2 U	151.5
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	4.4 U	4.3 U	8.5 U	5.1 U	4.9 U	5.2 U	210 J
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	89 U	86 U	170 U	100 U	98 U	100 U	4700
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	180
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	45 U	44 U	86 U	52 U	50 U	53 U	2000
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	93
E-SB-1221-0-1	E-SB-1221	0	1	20140729	1600	1700	0.61 U	21 J	76	280	10 J	1.1 J	18 U	24 U	8.4 U	8.1 U	13 U	16 U	5700
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	46 U	45 U	88 U	52 U	51 U	53 U	600
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	46 U	44 U	87 U	52 U	50 U	53 U	2800
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	24 U	23 U	46 U	27 U	27 U	600	24 U
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	86 U	84 U	160 U	98 U	95 U	100 U	12000
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	46 U	45 U	88 U	53 U	51 U	54 U	2300
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	89 U	87 U	170 U	100 U	98 U	100 U	5100
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	45
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	87 U	85 U	170 U	99 U	96 U	100 U	6700
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	4.5 U	4.4 U	8.7 U	5.2 U	5 U	5.3 U	65
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	5.1 U	5 U	9.8 U	5.8 U	5.6 U	6 U	5.1 J
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	4.6 U
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	120
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	4.5 U	4.4 U	8.6 U	5.1 U	5 U	5.2 U	63
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	11 J
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	4.6 U	4.4 U	8.7 U	5.2 U	5 U	5.3 U	9.1 J
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	4.7 U
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	4.7 U	4.55 U	8.95 U	5.35 U	5.2 U	5.5 U	4.65 U
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.2 U	5.5 U	4.6 U
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	4.6 U
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	440 U	430 U	840 U	500 U	480 U	510 U	36000 J
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	180
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.2 U	5.5 U	22 J

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	0 U	19.55	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	0 U	21	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	0 U	18.6	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	0 U	19.05	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	0 U	19.6	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	0 U	17.55	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	0 U	19.1	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	60	77.4	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	0 U	18.75	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	0 U	19.2	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	0 U	20.45	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	0 U	19.55	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	40	57.25	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	5.2	21.75	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	13	29.8	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	21	37.85	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	34	50.1	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	35	51.2	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	14000	15625	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	93	109.25	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731	--	--	151.5	167.725	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	210	226.2	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	4700	5021.5	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	180	196.85	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	2000	2165	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	93	109.85	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	5700	5743.75	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	600	767.5	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	2800	2966	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	600	685.5	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	12000	12311.5	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	2300	2468.5	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	5100	5422	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	45	62.2	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	6700	7018.5	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	65	81.55	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	5.1	23.75	--	--	--	--	--	--	--	--	--	--
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	0 U	19.15	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	120	137.2	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	63	79.4	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	11	28.55	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	9.1	25.7	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	0 U	19.55	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724	--	--	0 U	19.45	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	0 U	19.35	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	0 U	19.5	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	36000	37600	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	180	196.85	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	22	39.3	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUALENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible]YCLIC [illegible]ATIC [illegible]ARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					[illegible]KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1208-0-1	E-SB-1208	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-1-2	E-SB-1226	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-SB-1208-0-1	E-SB-1208	0	1	20140724	--	--	--	--	NORMAL
E-SB-1208-1-2	E-SB-1208	1	2	20140724	--	--	--	--	NORMAL
E-SB-1209-0-1	E-SB-1209	0	1	20140724	--	--	--	--	NORMAL
E-SB-1209-1-2	E-SB-1209	1	2	20140724	--	--	--	--	NORMAL
E-SB-1210-0-1	E-SB-1210	0	1	20140724	--	--	--	--	NORMAL
E-SB-1210-1-2	E-SB-1210	1	2	20140724	--	--	--	--	NORMAL
E-SB-1211-0-1	E-SB-1211	0	1	20140724	--	--	--	--	NORMAL
E-SB-1211-1-2	E-SB-1211	1	2	20140724	--	--	--	--	NORMAL
E-SB-1212-0-1	E-SB-1212	0	1	20140724	--	--	--	--	NORMAL
E-SB-1212-1-2	E-SB-1212	1	2	20140724	--	--	--	--	NORMAL
E-SB-1213-0-1	E-SB-1213	0	1	20140724	--	--	--	--	NORMAL
E-SB-1213-1-2	E-SB-1213	1	2	20140724	--	--	--	--	NORMAL
E-SB-1214-0-1	E-SB-1214	0	1	20140724	--	--	--	--	NORMAL
E-SB-1214-1-2	E-SB-1214	1	2	20140724	--	--	--	--	NORMAL
E-SB-1215-0-1	E-SB-1215	0	1	20140724	--	--	--	--	NORMAL
E-SB-1215-1-2	E-SB-1215	1	2	20140724	--	--	--	--	NORMAL
E-SB-1216-0-1	E-SB-1216	0	1	20140724	--	--	--	--	NORMAL
E-SB-1216-1-2	E-SB-1216	1	2	20140724	--	--	--	--	NORMAL
E-SB-1217-0-1	E-SB-1217	0	1	20140729	--	--	--	--	NORMAL
E-SB-1217-1-2	E-SB-1217	1	2	20140729	--	--	--	--	NORMAL
E-SB-1218-0-1	E-SB-1218	0	1	20140731	--	--	--	--	NORMAL
E-SB-1218-1-2	E-SB-1218	1	2	20140731	--	--	--	--	NORMAL
E-SB-1218-1-2-AVG	E-SB-1218	1	2	20140731	--	--	--	--	NORMAL
E-SB-1218-1-2-D	E-SB-1218	1	2	20140731	--	--	--	--	NORMAL
E-SB-1219-0-1	E-SB-1219	0	1	20140729	--	--	--	--	NORMAL
E-SB-1219-1-2	E-SB-1219	1	2	20140729	--	--	--	--	NORMAL
E-SB-1220-0-1	E-SB-1220	0	1	20140729	--	--	--	--	NORMAL
E-SB-1220-1-2	E-SB-1220	1	2	20140729	--	--	--	--	NORMAL
E-SB-1221-0-1	E-SB-1221	0	1	20140729	--	--	--	--	NORMAL
E-SB-1221-1-2	E-SB-1221	1	2	20140729	--	--	--	--	NORMAL
E-SB-1222-0-1	E-SB-1222	0	1	20140729	--	--	--	--	NORMAL
E-SB-1222-1-2	E-SB-1222	1	2	20140729	--	--	--	--	NORMAL
E-SB-1223-0-1	E-SB-1223	0	1	20140729	--	--	--	--	NORMAL
E-SB-1223-1-2	E-SB-1223	1	2	20140729	--	--	--	--	NORMAL
E-SB-1224-0-1	E-SB-1224	0	1	20140729	--	--	--	--	NORMAL
E-SB-1224-1-2	E-SB-1224	1	2	20140729	--	--	--	--	NORMAL
E-SB-1225-0-1	E-SB-1225	0	1	20140729	--	--	--	--	NORMAL
E-SB-1225-1-2	E-SB-1225	1	2	20140729	--	--	--	--	NORMAL
E-SB-1226-0-1	E-SB-1226	0	1	20140724	--	--	--	--	NORMAL
E-SB-1226-1-2	E-SB-1226	1	2	20140724	--	--	--	--	NORMAL
E-SB-1227-0-1	E-SB-1227	0	1	20140724	--	--	--	--	NORMAL
E-SB-1227-1-2	E-SB-1227	1	2	20140724	--	--	--	--	NORMAL
E-SB-1228-0-1	E-SB-1228	0	1	20140724	--	--	--	--	NORMAL
E-SB-1228-1-2	E-SB-1228	1	2	20140724	--	--	--	--	NORMAL
E-SB-1229-0-1	E-SB-1229	0	1	20140724	--	--	--	--	NORMAL
E-SB-1229-0-1-AVG	E-SB-1229	0	1	20140724	--	--	--	--	NORMAL
E-SB-1229-0-1-D	E-SB-1229	0	1	20140724	--	--	--	--	NORMAL
E-SB-1229-1-2	E-SB-1229	1	2	20140724	--	--	--	--	NORMAL
E-SB-1230-0-1	E-SB-1230	0	1	20140729	--	--	--	--	NORMAL
E-SB-1230-1-2	E-SB-1230	1	2	20140729	--	--	--	--	NORMAL
E-SB-1231-0-1	E-SB-1231	0	1	20140724	--	--	--	--	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	2.7 U	1.1 U
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	2.9 U	1.2 U
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1231-1-2	E-SB-1231	1	2	20140724	1.6 U	1.1 U	0.61 U	11 U	1.7 U	1.1 U	1.2 U	0.55 U	18 U	24 U	8.3 U	8 U	13 U	16 U	15 U
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	50 U	48 U	95 U	56 U	55 U	58 U	1700
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	130
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.6 U	5.4 U	5.7 U	21 J
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	4.5 U	4.3 U	8.5 U	5.1 U	4.9 U	5.2 U	4.4 U
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.3 U	5.6 U	4.7 U
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	4.5 U	4.3 U	8.5 U	5.1 U	4.9 U	5.2 U	4.4 U
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	4.8 U
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	5 U	4.8 U	9.5 U	5.7 U	5.5 U	5.8 U	4.9 U
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	4.5 U	4.4 U	8.6 U	5.1 U	5 U	5.3 U	6.5 J
E-SB-1236-1-2	E-SB-1236	1	2	20140724	1.7 U	1.2 U	0.66 U	12 U	1.9 U	1.2 U	1.3 U	0.59 U	19 U	26 U	9.1 U	8.7 U	14 U	17 U	17 U
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.2 U	5.5 U	4.6 U
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	4.6 U
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	230 U	220 U	440 U	260 U	250 U	270 U	16000
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	47 U	45 U	89 U	53 U	52 U	55 U	1400
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	280 U	270 U	540 U	320 U	310 U	330 U	17000
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	49 U	48 U	94 U	56 U	54 U	57 U	1300
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	9600 U	9300 U	18000 U	11000 U	11000 U	11000 U	860000 J
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	48 U	47 U	92 U	55 U	53 U	56 U	1700
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	11 J
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.2 U	5.5 U	8.5 J
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.2 U	5.1 U	5.4 U	4.5 U
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.3 U	5.6 U	4.7 U
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	270 U	260 U	510 U	310 U	300 U	310 U	18000 J
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	2800 U	2700 U	5300 U	3200 U	3100 U	3300 U	90000
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	490 U	470 U	930 U	550 U	540 U	570 U	20000 J
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	47 U	45 U	89 U	53 U	52 U	55 U	1400
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	37 U	35.5 U	70.5 U	42 U	41 U	43.5 U	1400
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	27 U	26 U	52 U	31 U	30 U	32 U	1400 J
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	5000 U	4800 U	9500 U	5700 U	5500 U	5800 U	44000 J
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	100
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	49 U	48 U	94 U	56 U	54 U	57 U	3300
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	250 J
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	4.65 U	4.55 U	8.9 U	5.35 U	5.15 U	5.45 U	175
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	100 J
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	11 U	10 U	20 U	12 U	12 U	12 U	730
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	29 J
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	47 U	46 U	90 U	54 U	52 U	55 U	3300
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	4.1 U	4 U	7.9 U	4.7 U	4.6 U	4.8 U	120
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	24 U	23 U	46 U	27 U	26 U	28 U	740
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	4.6 U	4.4 U	8.7 U	5.2 U	5 U	5.3 U	96
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.6 U	5.4 U	5.7 U	260
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	4.9 U	4.8 U	9.3 U	5.6 U	5.4 U	5.7 U	72
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	45 U	44 U	87 U	52 U	50 U	53 U	4300
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	54
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	0 U	51.15	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	1700	1881	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	130	147.55	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	21	38.8	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	0 U	18.45	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	0 U	19.75	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	0 U	18.45	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	0 U	19.95	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	0 U	20.6	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	6.5	22.95	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	0 U	55.4	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	0 U	19.35	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	0 U	19.5	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	16000	16835	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	1400	1570.5	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	17000	18025	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	1300	1479	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	860000	894950	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	1700	1875.5	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	11	28.2	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	8.5	25.55	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	0 U	19.05	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	0 U	19.75	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	18000	18980	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	90000	100200	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	20000	21775	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	1400	1570.5	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729	--	--	1400	1534.75	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	1400	1499	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	44000	62150	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	100	117.2	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	3300	3479	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	250	267.2	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731	--	--	175	192.025	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	100	116.85	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	730	768.5	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	29	45.95	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	3300	3472	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	120	135.05	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	740	827	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	96	112.6	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	260	277.8	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	72	89.85	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	4300	4465.5	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	54	71.2	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	210 J	160 J	360 J	620 J
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	91	69	120	250
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	0.55 U	28	4 J	67
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	86 J	1100	110 J	2300
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	5.4 U	62 J	3.8 U	94
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	220	1800	10 U	2800

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUALENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	6478.4	6478.4	--	3800 J	4700 J	7600 J	1800 J	2400 J	4400 J	450 J	5500 J	190 J	1600 J	320
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	2663.7	2663.7	--	1500	1900	2900	800	980	1900	240	2400	68	720	150
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	433.505	433.14	--	340	330	540	130	180	340	0.73 U	700	23	130	4.8
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	14341	14341	--	11000	10000	16000	4700	6000	11000	1100	22000	880	4700	150
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	639.44	635.89	--	500	500	590	270	340	490	7.1 U	970	48 J	230	110
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	13263.9	13263.9	--	10000	9300	15000	3000	6400	9900	1100	20000	1300	2900	380

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible]YCLIC [illegible]ATIC ARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					[illegible]KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1231-1-2	E-SB-1231	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	J	2200 J	11000 J	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714		910	3700	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	J	320	570	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	J	11000	18000	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714		500	770	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714		12000	16000	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-SB-1231-1-2	E-SB-1231	1	2	20140724	--	--	--	--	NORMAL
E-SB-1232-0-1	E-SB-1232	0	1	20140724	--	--	--	--	NORMAL
E-SB-1232-1-2	E-SB-1232	1	2	20140724	--	--	--	--	NORMAL
E-SB-1233-0-1	E-SB-1233	0	1	20140724	--	--	--	--	NORMAL
E-SB-1233-1-2	E-SB-1233	1	2	20140724	--	--	--	--	NORMAL
E-SB-1234-0-1	E-SB-1234	0	1	20140724	--	--	--	--	NORMAL
E-SB-1234-1-2	E-SB-1234	1	2	20140724	--	--	--	--	NORMAL
E-SB-1235-0-1	E-SB-1235	0	1	20140724	--	--	--	--	NORMAL
E-SB-1235-1-2	E-SB-1235	1	2	20140724	--	--	--	--	NORMAL
E-SB-1236-0-1	E-SB-1236	0	1	20140724	--	--	--	--	NORMAL
E-SB-1236-1-2	E-SB-1236	1	2	20140724	--	--	--	--	NORMAL
E-SB-1237-0-1	E-SB-1237	0	1	20140724	--	--	--	--	NORMAL
E-SB-1237-1-2	E-SB-1237	1	2	20140724	--	--	--	--	NORMAL
E-SB-1238-0-1	E-SB-1238	0	1	20140729	--	--	--	--	NORMAL
E-SB-1238-1-2	E-SB-1238	1	2	20140729	--	--	--	--	NORMAL
E-SB-1239-0-1	E-SB-1239	0	1	20140729	--	--	--	--	NORMAL
E-SB-1239-1-2	E-SB-1239	1	2	20140729	--	--	--	--	NORMAL
E-SB-1240-0-1	E-SB-1240	0	1	20140729	--	--	--	--	NORMAL
E-SB-1240-1-2	E-SB-1240	1	2	20140729	--	--	--	--	NORMAL
E-SB-1241-0-1	E-SB-1241	0	1	20140724	--	--	--	--	NORMAL
E-SB-1241-1-2	E-SB-1241	1	2	20140724	--	--	--	--	NORMAL
E-SB-1242-0-1	E-SB-1242	0	1	20140724	--	--	--	--	NORMAL
E-SB-1242-1-2	E-SB-1242	1	2	20140724	--	--	--	--	NORMAL
E-SB-1243-0-1	E-SB-1243	0	1	20140729	--	--	--	--	NORMAL
E-SB-1243-1-2	E-SB-1243	1	2	20140729	--	--	--	--	NORMAL
E-SB-1244-0-1	E-SB-1244	0	1	20140729	--	--	--	--	NORMAL
E-SB-1244-1-2	E-SB-1244	1	2	20140729	--	--	--	--	NORMAL
E-SB-1244-1-2-AVG	E-SB-1244	1	2	20140729	--	--	--	--	NORMAL
E-SB-1244-1-2-D	E-SB-1244	1	2	20140729	--	--	--	--	NORMAL
E-SB-1245-0-1	E-SB-1245	0	1	20140729	--	--	--	--	NORMAL
E-SB-1245-1-2	E-SB-1245	1	2	20140729	--	--	--	--	NORMAL
E-SB-1246-0-1	E-SB-1246	0	1	20140731	--	--	--	--	NORMAL
E-SB-1246-1-2	E-SB-1246	1	2	20140731	--	--	--	--	NORMAL
E-SB-1246-1-2-AVG	E-SB-1246	1	2	20140731	--	--	--	--	NORMAL
E-SB-1246-1-2-D	E-SB-1246	1	2	20140731	--	--	--	--	NORMAL
E-SB-1247-0-1	E-SB-1247	0	1	20140731	--	--	--	--	NORMAL
E-SB-1247-1-2	E-SB-1247	1	2	20140731	--	--	--	--	NORMAL
E-SB-1248-0-1	E-SB-1248	0	1	20140729	--	--	--	--	NORMAL
E-SB-1248-1-2	E-SB-1248	1	2	20140729	--	--	--	--	NORMAL
E-SB-1249-0-1	E-SB-1249	0	1	20140731	--	--	--	--	NORMAL
E-SB-1249-1-2	E-SB-1249	1	2	20140731	--	--	--	--	NORMAL
E-SB-1250-0-1	E-SB-1250	0	1	20140731	--	--	--	--	NORMAL
E-SB-1250-1-2	E-SB-1250	1	2	20140731	--	--	--	--	NORMAL
E-SB-1251-0-1	E-SB-1251	0	1	20140731	--	--	--	--	NORMAL
E-SB-1251-1-2	E-SB-1251	1	2	20140731	--	--	--	--	NORMAL
E-SB-1252-0.5-1	E-SB-1252	0.5	1	20140714	--	--	--	--	NORMAL
E-SB-1252-0-0.5	E-SB-1252	0	0.5	20140714	--	--	--	--	NORMAL
E-SB-1253-0.5-1	E-SB-1253	0.5	1	20140714	--	--	--	--	NORMAL
E-SB-1253-0-0.5	E-SB-1253	0	0.5	20140714	--	--	--	--	NORMAL
E-SB-1254-0.5-1	E-SB-1254	0.5	1	20140714	--	--	--	--	NORMAL
E-SB-1254-0-0.5	E-SB-1254	0	0.5	20140714	--	--	--	--	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	0.65 UJ	2 J	30 J	1.4	0.06 U	12	9	9.8 J	--	12	--	0.08 J	0.45 U	17	0.75 UJ
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	0.65 U	2.8 J	40	0.41 J	0.28 J	26	3.4	12 J	--	32	--	0.13	0.38 U	7.2	0.41 UJ
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	0.82 UJ	2.7 J	16 J	1.2	0.12 J	11	7.4	10 J	--	8.8	--	0.06 J	0.57 U	14	0.94 UJ
E-SB-1398-0-1	E-SB-1398	0	1	20141113	--	--	0.5 U	2.5	110	0.71	0.84	14	7	13 B	--	16	--	0.19	0.37 J	10	0.35 U
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	--	--	0.48 J	3.5	48	0.8	1.2	27	5.1	21 B	--	25	--	0.05 J	0.4 J	11	0.32 U
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	13 U	5.4 U
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	130 U	55 U
E-SB-1394-2	E-SB-1394	2	2	20140801	0.17 U	0.46 U	--	--	--	--	--	18 J	45	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	0.14 J	0.5 U	--	--	--	--	--	17 J	67	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	0.27 J	0.58 U	--	--	--	--	--	18 J	41	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	0.065 U	0.13 U	--	--	--	--	--	24	71	--	--	--	--	--	--
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	200 >	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	0.06 U	0.12 U	--	--	--	--	--	33	55	--	--	--	--	--	--
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.2 U	5.5 U	7.6 J
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.3 U	5.6 U	5.5 J
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	4.4 U	4.3 U	8.4 U	5 U	4.8 U	5.1 U	120
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	4.5 U	4.3 U	8.5 U	5.1 U	4.9 U	5.2 U	120
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	24 U	23 U	45 U	27 U	26 U	27 U	450
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	4.6 U	4.4 U	8.7 U	5.2 U	5 U	5.3 U	65
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	4.7 U
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.5 U	5.4 U	5.7 U	4.8 U
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.2 U	5.4 U	4.6 U
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.5 U	5.3 U	5.6 U	4.7 U
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	5.2 U	5 U	9.9 U	5.9 U	5.7 U	6.1 U	5.1 U
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.2 U	5.6 U	4.7 U
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	4.6 U
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	5 U	4.8 U	9.5 U	5.7 U	5.5 U	5.8 U	4.9 U
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	4.9 U	4.8 U	9.4 U	5.6 U	5.4 U	5.7 U	4.9 U
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	4.6 U
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	4.6 U	4.4 U	8.7 U	5.2 U	5 U	5.3 U	4.5 U
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	4.6 U
E-SB-1370-0-2	E-SB-1370	0	2	20140730	4000	7000	2.9 U	50 U	370	10000	1200	69	17 U	23 U	8 U	7.7 U	13 U	27000	15000
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	210 U	210 U	410 U	240 U	240 U	250 U	10000
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	240 U	230 U	460 U	280 U	270 U	280 U	14000
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	240 U	230 U	450 U	270 U	260 U	280 U	17000
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	2300 U	2300 U	4500 U	2700 U	2600 U	2700 U	64000
E-SB-1378-0-2	E-SB-1378	0	2	20140730	11000	53000	30 U	520 U	720 J	110000	17000	1200	17 U	24 U	8.2 U	7.9 U	13 U	330000	59000
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	4.4 U	4.2 U	8.3 U	5 U	4.8 U	5.1 U	40
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	22 U	21 U	41 U	25 U	24 U	25 U	470
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	23 U	22 U	43 U	26 U	25 U	26 U	630
E-SB-1398-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	44
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	--	--	--	--	--	--	--	--	460 U	440 U	870 U	520 U	500 U	530 U	4900
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	15 U	20 U	25 U	14 U	10 U	17 U	21 J
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	15 U	20 U	25 U	14 U	9.95 U	17 U	17.5
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	15 U	20 U	25 U	14 U	9.9 U	17 U	14 J
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	15 U	20 U	24 U	13 U	9.8 U	17 U	11 U
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.4 U	16 U	11 J
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	15 U	20 U	25 U	14 U	9.9 U	17 U	27 J
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	17 U	23 U	28 U	16 U	11 U	20 U	44 J
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.4 U	16 U	130
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.6 U	17 U	63
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	15 U	21 U	26 U	14 U	10 U	18 U	330
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	160000 U	220000 U	270000 U	150000 U	110000 U	190000 U	5E+06

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	62	340	81	660
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	840	560	550	1300
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	21	0.9 U	0.41 U	0.92 U
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	4.3 J	0.87 U	0.4 U	5.5 J
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	11	96	14	190
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	21	130	18	280
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	6.1 J	7.5 J	4.3 J	5.5 J
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	4.2 J	0.88 U	0.41 U	0.9 U
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	0.55 U	6.2 J	0.39 U	9.5
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	5.8 J	14	9.2	34
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	7.6	24.9	--	--	--	--	--	--	0.58 U	0.88 U	0.41 U	0.9 U
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	5.5	22.9	--	--	--	--	--	--	0.59 U	0.89 U	0.41 U	0.92 U
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	120	136	--	--	--	--	--	--	38	240	45	470
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	120	136.25	--	--	--	--	--	--	1.1 U	27	32	90
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	450	536	--	--	--	--	--	--	6.5 J	23	13	50
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	65	81.6	--	--	--	--	--	--	0.55 U	3.7 J	0.38 U	7.4
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	0 U	19.55	--	--	--	--	--	--	0.58 U	0.89 U	0.41 U	0.91 U
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	0 U	20.15	--	--	--	--	--	--	0.59 U	0.89 U	0.41 U	0.92 U
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	0 U	19.3	--	--	--	--	--	--	0.57 U	0.86 U	0.4 U	0.89 U
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	0 U	19.8	--	--	--	--	--	--	0.58 U	0.88 U	0.41 U	0.9 U
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	0 U	21.45	--	--	--	--	--	--	0.64 U	0.97 U	0.45 U	0.99 U
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	0 U	19.7	--	--	--	--	--	--	0.58 U	0.88 U	0.41 U	0.91 U
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	0 U	19.15	--	--	--	--	--	--	0.57 U	0.87 U	0.4 U	0.89 U
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	0 U	20.6	--	--	--	--	--	--	0.61 U	0.93 U	0.43 U	0.95 U
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	0 U	20.35	--	--	--	--	--	--	0.61 U	0.93 U	0.43 U	0.95 U
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	0 U	19.15	--	--	--	--	--	--	0.57 U	0.86 U	0.4 U	0.89 U
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	0 U	18.85	--	--	--	--	--	--	0.55 U	0.84 U	0.39 U	0.86 U
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	0 U	19.15	--	--	--	--	--	--	0.57 U	0.86 U	0.4 U	0.88 U
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	42000	42034.4	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	10000	10780	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	14000	14880	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	17000	17865	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	64000	72550	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	389000	389035	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	40	55.9	48	--	--	50 U	--	--	6.6 J	5.7 J	0.38 U	12
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	470	549	66	--	--	48 U	--	--	31	160	12 J	250
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	630	712.5	7.4 J	--	--	51 U	--	--	0.56 U	0.85 U	0.39 U	5.6 J
E-SB-1398-0-1	E-SB-1398	0	1	20141113	--	--	44	60.85	--	--	--	--	--	--	--	--	--	--
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	--	--	4900	6560	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2	E-SB-1439	0	2	20160330	12 U	16 U	21	85.5	--	--	--	--	--	--	--	3.8 U	1.8 U	3.9 U
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	12 U	16 U	17.5	81.975	--	--	--	--	--	--	--	3.75 U	1.75 U	11.975
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	12 U	16 U	14	78.45	--	--	--	--	--	--	--	3.7 U	1.7 U	22 J
E-SB-1440-0-2	E-SB-1440	0	2	20160330	12 U	16 U	0 U	68.9	--	--	--	--	--	--	--	5.9 J	12	30
E-SB-1441-0-2	E-SB-1441	0	2	20160330	12 U	15 U	11	71.7	--	--	--	--	--	--	--	0.9 U	0.42 U	0.93 U
E-SB-1442-0-2	E-SB-1442	0	2	20160330	12 U	16 U	27	91.45	--	--	--	--	--	--	--	7.3 J	0.44 U	11
E-SB-1443-0-2	E-SB-1443	0	2	20160330	14 U	18 U	44	117.5	--	--	--	--	--	--	--	54	2.5 U	37 J
E-SB-1444-0-2	E-SB-1444	0	2	20160330	12 U	15 U	130	190.7	--	--	--	--	--	--	--	3.5 U	1.6 U	3.6 U
E-SB-1445-0-2	E-SB-1445	0	2	20160330	12 U	16 U	63	125.3	--	--	--	--	--	--	--	0.92 U	0.42 U	0.94 U
E-SB-1446-0-2	E-SB-1446	0	2	20160330	13 U	17 U	330	397	--	--	--	--	--	--	--	550	85	980
E-SB-1447-0-2	E-SB-1447	0	2	20160331	140000 U	180000 U	5300000	6010000	--	--	--	--	--	--	--	10 U	4.7 U	110

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUAL ENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	3417.2	3414.8	--	2700	2600 J	4400 J	860 J	1700 J	2800	4.8 UJ	4700	240	850 J	94
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	10303.1	10303.1	--	6100	7600	10000	3500	3600	7100	760	9000	740	2900	990
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	0.76 U	0.76 U	--	0.74 U	0.76 U	0.7 U	0.41 U	0.8 U	1.3 U	0.78 U	0.65 U	0.63 U	0.41 U	17
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	47.304	46.929	--	34	36	51	26	19	39	0.75 U	51	0.61 U	22	5.7
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	849.43	849.43	--	650	560	840	410	280	630	100	1400	73	370	17
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	1457.8	1457.8	--	1100	970	1300	690	570	1100	180	2300	110	610	24
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	19.496	19.101	--	14	14	25	11	8.2	19	0.79 U	35	13	11	13
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	9.87365	9.4897	--	8.1	6.7 J	14	6.2 J	0.79 U	9.7	0.76 U	18	0.61 U	5.7 J	5.4
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	65.878	65.878	--	43	44	65	31	23	48	8.2	85	5.5 J	26	5
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	260.3	260.3	--	170	170	260	130	110	200	35	310	11	110	6.7
E-SB-1280-0-1	E-SB-1280	0	1	20140721	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.41 U	0.79 U	1.3 U	0.76 U	0.64 U	0.61 U	0.41 U	0.95
E-SB-1280-1-2	E-SB-1280	1	2	20140721	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.78 U	0.65 U	0.62 U	0.41 U	0.97
E-SB-1281-0-1	E-SB-1281	0	1	20140714	1969.9	1969.9	--	1500	1400 J	2300 J	410 J	830 J	1600	140 J	3200	210	400 J	43
E-SB-1281-1-2	E-SB-1281	1	2	20140714	780.18	780.18	--	530	580	890	200	360	580	34	1000	22	200	8
E-SB-1282-0-1	E-SB-1282	0	1	20140714	437.53	437.53	--	300	300	490	150	220	330	42	570	17	140	9.4
E-SB-1282-1-2	E-SB-1282	1	2	20140714	40.293	39.933	--	31	31	43	19	20	33	0.72 U	56	0.58 U	13	0.89
E-SB-1283-0-1	E-SB-1283	0	1	20140714	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.77 U	0.64 U	0.62 U	0.41 U	0.96
E-SB-1283-1-2	E-SB-1283	1	2	20140714	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.78 U	0.65 U	0.62 U	0.41 U	0.96
E-SB-1284-0-1	E-SB-1284	0	1	20140714	0.73 U	0.73 U	--	0.72 U	0.73 U	0.67 U	0.4 U	0.77 U	1.2 U	0.75 U	0.62 U	0.6 U	0.4 U	0.93
E-SB-1284-1-2	E-SB-1284	1	2	20140714	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.41 U	0.79 U	1.3 U	0.76 U	0.64 U	0.61 U	0.41 U	0.95
E-SB-1285-0-1	E-SB-1285	0	1	20140714	0.82 U	0.82 U	--	0.8 U	0.82 U	0.75 U	0.45 U	0.87 U	1.4 U	0.84 U	0.7 U	0.68 U	0.45 U	1
E-SB-1285-1-2	E-SB-1285	1	2	20140714	0.74 U	0.74 U	--	0.73 U	0.74 U	0.69 U	0.41 U	0.79 U	1.3 U	0.77 U	0.64 U	0.62 U	0.41 U	0.95
E-SB-1286-0-1	E-SB-1286	0	1	20140714	0.73 U	0.73 U	--	0.72 U	0.73 U	0.67 U	0.4 U	0.78 U	1.3 U	0.75 U	0.63 U	0.61 U	0.4 U	0.94
E-SB-1286-1-2	E-SB-1286	1	2	20140714	0.78 U	0.78 U	--	0.77 U	0.78 U	0.72 U	0.43 U	0.83 U	1.3 U	0.8 U	0.67 U	0.65 U	0.43 U	1
E-SB-1287-0-1	E-SB-1287	0	1	20140714	0.78 U	0.78 U	--	0.77 U	0.78 U	0.72 U	0.43 U	0.83 U	1.3 U	0.8 U	4.1 J	0.65 U	0.43 U	1
E-SB-1287-1-2	E-SB-1287	1	2	20140714	0.73 U	0.73 U	--	0.72 U	0.73 U	0.67 U	0.4 U	0.77 U	1.2 U	0.75 U	0.62 U	0.6 U	0.4 U	0.93
E-SB-1288-0-1	E-SB-1288	0	1	20140714	0.71 U	0.71 U	--	0.7 U	0.71 U	0.65 U	0.39 U	0.75 U	1.2 U	0.73 U	0.61 U	0.59 U	0.39 U	0.91
E-SB-1288-1-2	E-SB-1288	1	2	20140714	0.73 U	0.73 U	--	0.71 U	0.73 U	0.67 U	0.4 U	0.77 U	1.2 U	0.75 U	0.62 U	0.6 U	0.4 U	0.93
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	44.02	43.641	--	47	33	57	0.38 U	19	51	0.72 U	69	6.6 J	0.38 U	4.9
E-SB-1395-2	E-SB-1395	2	2	20140801	914.69	914.69	--	710	640	1100	170	500	690	67	1400	120	210	79
E-SB-1396-2	E-SB-1396	2	2	20140801	64.898	64.528	--	47	49	72	38	38	48	0.74 U	79	0.59 U	32	0.91
E-SB-1398-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2	E-SB-1439	0	2	20160330	55.14	53.49	--	62	38	57	41	44	50	3.3 U	98	2.7 U	31 J	4.1
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	68.927	67.302	--	62.5	50	71.5	43.5	34.5	57	3.25 U	119	2.65 U	35	4.05
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	82.714	81.114	--	63	62	86	46	25 J	64	3.2 U	140	2.6 U	39	4
E-SB-1440-0-2	E-SB-1440	0	2	20160330	1441.01	1441.01	--	500	960	1300	880	440	610	220	270	7.5 J	760	14
E-SB-1441-0-2	E-SB-1441	0	2	20160330	16.997	16.607	--	12	13	13	9.6	9.3	14	0.78 U	20	0.63 U	10	0.97
E-SB-1442-0-2	E-SB-1442	0	2	20160330	61.951	61.951	--	34	42	47	33	22	31	8.9	59	6.4 J	27	5.9
E-SB-1443-0-2	E-SB-1443	0	2	20160330	173.73	171.38	--	170	130	170	72	42 J	360	4.7 U	220	62	66	5.8
E-SB-1444-0-2	E-SB-1444	0	2	20160330	2.9 U	2.9 U	--	2.9 U	2.9 U	2.7 U	1.6 U	3.1 U	5.1 U	3 U	33	2.4 U	1.6 U	3.8
E-SB-1445-0-2	E-SB-1445	0	2	20160330	5.41375	4.95	--	0.76 U	4.4 J	5.5 J	0.42 U	0.82 U	1.3 U	0.8 U	7.5 J	0.64 U	0.42 U	0.99
E-SB-1446-0-2	E-SB-1446	0	2	20160330	4521.2	4521.2	--	2800	3000	3900	2600	1800	3200	610	8300	440	2200	64
E-SB-1447-0-2	E-SB-1447	0	2	20160331	782.04	782.04	--	680	520	730	290	330	740	91	1600	7.1 U	260	11

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	YCLIC MATIC ARBONS	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714		2500	6300	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714		6000	13000	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725		0.86 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	J	24	41	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725		840	1000	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725		1300	1700	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722		36	27	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	J	12	14	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	J	44	67	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	J	150	260	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	U	0.85 U	0.51 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	U	0.86 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714		2400	4000	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	J	340	980	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714		250	520	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	U	36	51	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	U	0.85 U	0.51 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	U	0.86 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	U	0.83 U	0.5 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	U	0.85 U	0.51 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	U	0.93 U	0.56 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	U	0.85 U	0.51 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	U	0.83 U	0.5 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	U	0.89 U	0.54 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	U	0.89 U	0.54 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	U	0.83 U	0.5 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	U	0.81 U	0.49 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	U	0.83 U	0.5 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	J	130	120	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801		1100	1400	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	U	28	65	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2	E-SB-1439	0	2	20160330	U	52	110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	U	66.5	120	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	U	81	130	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330		80	300	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	U	15	19	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	J	50	47	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	U	200	230	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	U	20 J	18 J	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	U	5.2 J	7.4 J	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330		5000	7100	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	U	650	1600	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	3.9 U	24 U
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	3.9 U	25 U
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	11 U	28 U	9.9 U	22 U	22 U	23 U	19 U	23 U	0.5 U	9.1 U	0.56 U	12 U	10 U	9.2 U	22 U
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	11 U	28 U	10 U	23 U	23 U	24 U	19 U	24 U	0.51 U	9.3 U	8	12 U	10 U	9.4 U	23 U
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	20 U	18 U	10 U	14 U	23 U	19 U	14 U	--	29 U	19 U	14	0.39 U	10 U	12	10 U
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	20 U	18 U	10 U	15 U	24 U	19 U	15 U	--	29 U	19 U	29	4.7 J	10 U	86	10 U
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	19.413	19.048	13 U	20	14	21	12	14	24 U	2.2 U	26 JB	11 U	41 U
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	543.26	542.89	14 U	420	430	570	130	240	25 U	2.3 U	64 JB	11 U	42 U
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	30 U	18	0.73 U	6 J	18 U	19 U	17 U	8.8 U	48	14	2.3 U	6.2 U	9 U	10 U
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	30 U	490	0.74 U	0.74 U	18 U	19 U	17 U	8.9 U	820	24	2.4 U	6.3 U	9.1 U	10 U
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	7.9	14 U	0.91 U	2.4 U	18 U	7 U	23 U	57 J	81	8.1 U	38	--	--	--	--
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01 JB	0.49 JB
E-SB-1399-0-1	E-SB-1399	0	1	20141113	110	15 U	5.4 J	2.5 U	18 U	7.1 U	24 U	10 U	500	8.2 U	1400	--	--	--	--
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	0.03 J	0 JB	0.52 B	0 U	0.01 JB	0 U	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	0.48 U	0.43 U	0.26 U	--
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	--	--	--	--	--	--	--	--	--	--	0.45 U	0.41 U	0.25 U	--
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	1 U	0.28 U	0.4 U	0.23 U	0.29 U	0.7 U	0.13 U	0.21 U	0.5 U	1 U	0.39 U	0.28 U	0.26 U	0.53 U	--	0.27 U	0.26 U
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	0.94 U	0.26 U	0.38 U	0.22 U	0.28 U	0.65 U	0.12 U	0.2 U	0.47 U	0.94 U	0.36 U	0.26 U	0.25 U	0.5 U	--	0.25 U	0.25 U
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	0.51 U	0.73 U	1.6 J	1.1 U	0.31 U	0.49 U	0.32 U	0.23 J	0.42 U	19 B	0.18 U	0.26 U	0.55 U	0.22 U	0.26 U	0.42 U	0.35 J	0.29 U
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	0.48 U	0.68 U	1 J	1 U	0.29 U	0.46 U	0.3 U	0.15 U	0.39 U	13 JB	0.17 U	0.24 U	0.51 U	0.2 U	0.24 U	0.39 U	0.32 U	0.27 U
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	0.26 U	0.43 U	0.67 U	0.22 U	0.32 U	0.28 U	0.26 U	0.49 U	0.39 U	1.2 U	0.17 U	0.2 U	0.93 U	0.12 U	0.93 U	--	0.33 U
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	0.24 U	0.4 U	0.62 U	0.21 U	0.3 U	0.26 U	0.25 U	0.46 U	0.36 U	1.1 U	0.16 U	0.19 U	0.87 U	0.12 U	0.87 U	--	0.31 U
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-0-1	E-SB-1398	0	1	20141113	0.52 U	1.2 JB	0.18 U	0.31 U	0.27 U	0.14 U	0.12 U	0.29 U	0.22 U	5.9 U	0.4 U	--	0.23 J	0.27 U	--	0.32 U	0.42 U
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-0-1	E-SB-1399	0	1	20141113	0.49 U	0.14 U	0.17 U	0.29 U	0.25 U	0.13 U	0.11 U	0.27 U	0.21 U	5.5 U	0.38 U	--	0.2 U	0.25 U	--	0.3 U	0.39 U
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-SB-1255-0.5-1	E-SB-1255	0.5	1	20140714	--	--	--	--	NORMAL
E-SB-1255-0-0.5	E-SB-1255	0	0.5	20140714	--	--	--	--	NORMAL
E-SB-1264-0.5-1	E-SB-1264	0.5	1	20140725	--	--	--	--	NORMAL
E-SB-1264-0-0.5	E-SB-1264	0	0.5	20140725	--	--	--	--	NORMAL
E-SB-1265-0.5-1	E-SB-1265	0.5	1	20140725	--	--	--	--	NORMAL
E-SB-1265-0-0.5	E-SB-1265	0	0.5	20140725	--	--	--	--	NORMAL
E-SB-1266-0.5-1	E-SB-1266	0.5	1	20140722	--	--	--	--	NORMAL
E-SB-1266-0-0.5	E-SB-1266	0	0.5	20140722	--	--	--	--	NORMAL
E-SB-1267-0.5-1	E-SB-1267	0.5	1	20140725	--	--	--	--	NORMAL
E-SB-1267-0-0.5	E-SB-1267	0	0.5	20140725	--	--	--	--	NORMAL
E-SB-1280-0-1	E-SB-1280	0	1	20140721	--	--	--	--	NORMAL
E-SB-1280-1-2	E-SB-1280	1	2	20140721	--	--	--	--	NORMAL
E-SB-1281-0-1	E-SB-1281	0	1	20140714	--	--	--	--	NORMAL
E-SB-1281-1-2	E-SB-1281	1	2	20140714	--	--	--	--	NORMAL
E-SB-1282-0-1	E-SB-1282	0	1	20140714	--	--	--	--	NORMAL
E-SB-1282-1-2	E-SB-1282	1	2	20140714	--	--	--	--	NORMAL
E-SB-1283-0-1	E-SB-1283	0	1	20140714	--	--	--	--	NORMAL
E-SB-1283-1-2	E-SB-1283	1	2	20140714	--	--	--	--	NORMAL
E-SB-1284-0-1	E-SB-1284	0	1	20140714	--	--	--	--	NORMAL
E-SB-1284-1-2	E-SB-1284	1	2	20140714	--	--	--	--	NORMAL
E-SB-1285-0-1	E-SB-1285	0	1	20140714	--	--	--	--	NORMAL
E-SB-1285-1-2	E-SB-1285	1	2	20140714	--	--	--	--	NORMAL
E-SB-1286-0-1	E-SB-1286	0	1	20140714	--	--	--	--	NORMAL
E-SB-1286-1-2	E-SB-1286	1	2	20140714	--	--	--	--	NORMAL
E-SB-1287-0-1	E-SB-1287	0	1	20140714	--	--	--	--	NORMAL
E-SB-1287-1-2	E-SB-1287	1	2	20140714	--	--	--	--	NORMAL
E-SB-1288-0-1	E-SB-1288	0	1	20140714	--	--	--	--	NORMAL
E-SB-1288-1-2	E-SB-1288	1	2	20140714	--	--	--	--	NORMAL
E-SB-1370-0-2	E-SB-1370	0	2	20140730	--	--	--	--	NORMAL
E-SB-1371-0-2	E-SB-1371	0	2	20140730	--	--	--	--	NORMAL
E-SB-1372-0-2	E-SB-1372	0	2	20140730	--	--	--	--	NORMAL
E-SB-1373-0-2	E-SB-1373	0	2	20140730	--	--	--	--	NORMAL
E-SB-1374-0-2	E-SB-1374	0	2	20140730	--	--	--	--	NORMAL
E-SB-1378-0-2	E-SB-1378	0	2	20140730	--	--	--	--	NORMAL
E-SB-1394-2	E-SB-1394	2	2	20140801	--	--	--	--	NORMAL
E-SB-1395-2	E-SB-1395	2	2	20140801	--	--	--	--	NORMAL
E-SB-1396-2	E-SB-1396	2	2	20140801	--	--	--	--	NORMAL
E-SB-1398-0-1	E-SB-1398	0	1	20141113	0.33 U	0.26 U	0.19 U	0.3 U	NORMAL
E-SB-1398-1399-0-1	E-SB-1398	0	1	20141113	--	--	--	--	NORMAL
E-SB-1399-0-1	E-SB-1399	0	1	20141113	0.3 U	0.25 U	0.18 U	0.28 U	NORMAL
E-SB-1439-0-2	E-SB-1439	0	2	20160330	--	--	--	--	NORMAL
E-SB-1439-0-2-AVG	E-SB-1439	0	2	20160330	--	--	--	--	NORMAL
E-SB-1439-0-2-D	E-SB-1439	0	2	20160330	--	--	--	--	NORMAL
E-SB-1440-0-2	E-SB-1440	0	2	20160330	--	--	--	--	NORMAL
E-SB-1441-0-2	E-SB-1441	0	2	20160330	--	--	--	--	NORMAL
E-SB-1442-0-2	E-SB-1442	0	2	20160330	--	--	--	--	NORMAL
E-SB-1443-0-2	E-SB-1443	0	2	20160330	--	--	--	--	NORMAL
E-SB-1444-0-2	E-SB-1444	0	2	20160330	--	--	--	--	NORMAL
E-SB-1445-0-2	E-SB-1445	0	2	20160330	--	--	--	--	NORMAL
E-SB-1446-0-2	E-SB-1446	0	2	20160330	--	--	--	--	NORMAL
E-SB-1447-0-2	E-SB-1447	0	2	20160331	--	--	--	--	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	1400 U	1900 U	2300 U	1300 U	940 U	20000	1100 U
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	13 U	18 U	22 U	12 U	8.9 U	86	10 U
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	710 U	940 U	1200 U	650 U	470 U	820 U	14000
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	1400 U	1900 U	2400 U	1300 U	960 U	1700 U	16000
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	1400 U	1900 U	2300 U	1300 U	930 U	1600 U	35000 J
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	1400 U	1900 U	2350 U	1300 U	940 U	1650 U	28000
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	1400 U	1900 U	2400 U	1300 U	950 U	1700 U	21000
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.4 U	16 U	230
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	270 U	360 U	450 U	250 U	180 U	7300 J	200 U
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	490 U	655 U	825 U	450 U	325 U	11150	365 U
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	710 U	950 U	1200 U	650 U	470 U	15000 J	530 U
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	260 U	350 U	440 U	240 U	170 U	7700	200 U
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	7000 U	9300 U	12000 U	6400 U	4700 U	110000	5300 U
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	16 U	16 J
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	16 U	10 U
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	13 U	18 U	22 U	12 U	9 U	16 U	10 U
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U	17 U	11 U
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	14 U	18 U	23 U	12 U	9.1 U	16 U	10 U
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	15 U	20 U	25 U	14 U	10 U	18 U	35 J
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	16 U	11 J
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	16 U	10 U
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	280000 U	380000 U	470000 U	260000 U	190000 U	330000 U	4E+06
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	16 U	10 U
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.4 U	17 U	45
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U	16 U	92
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	15 U	20 U	25 U	14 U	10 U	18 U	400
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	2900 U	3900 U	4800 U	2700 U	1900 U	3400 U	94000
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	71 U	95 U	120 U	65 U	48 U	83 U	930
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U	17 U	65
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	69000 U	93000 U	120000 U	64000 U	46000 U	81000 U	1E+06
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	15 U	19 U	24 U	13 U	9.7 U	17 U	11 U
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U	16 U	120
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	14 U	18 U	23 U	12 U	9 U	16 U	10 U
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1448-0-2	E-SB-1448	0	2	20160301	1200 U	1500 U	20000	25820	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	11 U	15 U	86	140.95	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	590 U	760 U	14000	17070	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	1200 U	1600 U	16000	22230	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	1200 U	1500 U	35000	41065	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301	1200 U	1500 U	28000	34120	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	1200 U	1500 U	21000	27175	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	12 U	15 U	230	290.7	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	220 U	290 U	7300	8410	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302	405 U	530 U	11150	13172.5	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	590 U	770 U	15000	17935	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	220 U	280 U	7700	8780	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	5800 U	7600 U	110000	139050	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	12 U	15 U	16	76.65	--	--	--	--	--	--	--	--	--	--
E-SB-1457-1-2	E-SB-1457	1	2	20160226	12 U	15 U	0 U	65.65	--	--	--	--	--	--	--	330	2 U	410
E-SB-1458-0-1	E-SB-1458	0	1	20160226	11 U	15 U	0 U	63	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	12 U	15 U	0 U	67.25	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	11 U	15 U	0 U	64.05	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	13 U	16 U	35	100.5	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	12 U	15 U	11	71.65	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	12 U	15 U	0 U	65.65	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	240000 U	310000 U	4200000	5430000	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	12 U	15 U	0 U	65.65	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	12 U	15 U	45	106.7	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	11 U	15 UJ	92	151.6	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	13 U	17 U	400	466	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	2400 U	3100 U	94000	106550	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	59 U	77 U	930	1239	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	12 U	15 U	65	126.75	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	58000 U	75000 U	1000000	1303000	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	12 U	16 U	0 U	68.35	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	36	10	80
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	310	260	930
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	0.93 U	0.43 U	0.95 U
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	95	55	230
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	190	490	940
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	0.85 U	0.39 U	0.87 U
E-SB-1483-0-1	E-SB-1483	0	1	20160229	12 U	15 U	120	180.1	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	11 U	15 U	0 U	64	--	--	--	--	--	--	--	0.85 U	0.39 U	0.87 U
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	1.3 U	0.59 U	15
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	130	170 J	400
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	125	132	405
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	120	94 J	410
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	110	210	440
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	49	12 J	110
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	590	51 J	1200
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	150	65	620
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	59	48	240
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	0.91 U	0.42 U	0.93 U
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	0.91 U	0.42 U	0.93 U
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	32	4.4 J	64

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUAL ENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-1-2	E-SB-1457	1	2	20160226	602.42	602.42	--	560	420	520	180	190	520	55	930	160	170	54
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	503.435	503.06	--	320	390	620	160	270	360	0.75 U	560	25	160	5.4
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	6593.45	6589.2	--	4700	5000	9400	1400	3400	5200	8.5 U	8200	230	1400	140
E-SB-1479-1-2	E-SB-1479	1	2	20160229	0.78 U	0.78 U	--	0.77 U	0.78 U	0.72 U	0.43 U	0.83 U	1.3 U	0.8 U	0.67 U	0.65 U	0.43 U	1
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	2271.5	2271.5	--	1400	1600	2900	510	1000	1500	180	2500	63	500	32
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	6200.4	6196.1	--	4200	4900	5500	4100	2100	5100	8.6 U	6400	270	3000	380
E-SB-1482-1-2	E-SB-1482	1	2	20160229	1.4794	0.69	--	0.71 U	0.72 U	6.9 J	0.39 U	0.76 U	1.2 U	0.74 U	5.9 J	0.59 U	0.39 U	0.92
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	5.6389	5.21	--	0.7 U	4.5 J	7.1 J	0.39 U	0.76 U	1.2 U	0.74 U	12	0.59 U	0.39 U	0.92
E-SB-1484-1-2	E-SB-1484	1	2	20160229	94.689	94.139	--	63	73	110	28	57	69	1.1 U	110	0.89 U	32	1.4
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	3734.5	3734.5	--	2300	2700	4100	880	1700	2500	290 J	3700	110	850	130
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229	3099.08	3098.3	--	2100	2300	3550	755	1400	2300	145.775	3750	125	720	112
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	2463.65	2462.1	--	1900	1900	3000	630	1100	2100	3.1 UJ	3800	140	590	94
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	3789.8	3789.8	--	2300	2700	4200	1000	1500	2800	330	3800	120	920	190
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	991.21	991.21	--	640	640	950	560	250	710	140	1300	36	490	10
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	5986.7	5986.7	--	4500	3800	5600	3000	2200	4700	880	9900	410	2700	96
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	5148.4	5148.4	--	3100	3300	4700	2900	1500	3400	790	6100	90	2600	34
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	2358.2	2358.2	--	1400	1500	2200	1400	660	1600	360	2600	48	1300	20
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	0.77 U	0.77 U	--	0.75 U	0.77 U	0.71 U	0.42 U	0.81 U	1.3 U	0.79 U	0.66 U	0.63 U	0.42 U	0.98
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	0.77 U	0.77 U	--	0.75 U	0.77 U	0.71 U	0.42 U	0.81 U	1.3 U	0.79 U	0.66 U	0.63 U	0.42 U	0.98
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	463.87	463.87	--	340	290	460	250	150	370	70	660	18	220	7.8

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible]YCLIC [illegible]ATIC ARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1448-0-2	E-SB-1448	0	2	20160301		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-1-2	E-SB-1457	1	2	20160226		840	930	6269	6270	--	--	--	--	--	--	--	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	J	270	500	3766.4	3766.78	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229		3300	9200	53070	53074.3	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	U	0.89 U	0.54 U	0 U	6.06	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229		910	2400	15875	15875	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229		2900	9400	49870	49874.3	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	U	0.82 U	6.4 J	19.2	23.875	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	U	5.1 J	10	38.7	42.6	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	U	56	120	733	735.64	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229		1500	4700	26160	26160	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229		1650	4400	23969	23969.8	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229		1800	4100	21778	21779.6	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229		1700	5300	27620	27620	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	J	540	1100	7537	7537	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301		5200	7800	52627	52627	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	J	2100	4600	36049	36049	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	J	820	2200	16455	16455	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	U	0.87 U	0.53 U	0 U	5.95	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	U	0.87 U	0.53 U	0 U	5.95	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	J	320	560	3816.2	3816.2	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	--	--	--	6.4 NJ	8.6 NJ	--	--	13 NJ	--	--	19 U	--	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	12 NJ	--	--	--	--	--	--	--	--	--	--	12 NJ
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-1-2	E-SB-1457	1	2	20160226	--	--	--	7.6 NJ	4.8 NJ	4.6 NJ	5.1 NJ	--	--	--	0.42 U	0.55 U	0.26 U	--
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-1-2	E-SB-1457	1	2	20160226	0.35 U	0.29 U	0.67 U	0.31 U	0.42 U	0.66 U	0.39 U	0.7 U	0.61 J	2.3 U	0.45 U	0.87 J	0.39 U	0.12 U	--	0.58 U	0.34 U
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-1-2	E-SB-1457	1	2	20160226	1.2 J	0.37 U	2.1 J	0.54 U	0.25 U	0.57 U	0.22 U	0.34 U	1 U	17 U	0.76 U	0.28 U	0.28 U	0.24 U	0.2 U	0.35 U	3.5 J	0.55 U
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-1-2	E-SB-1457	1	2	20160226	0.45 U	0.31 U	0.37 U	0.3 U	0.66 U	0.24 U	0.6 U	0.35 U	0.24 UJ	0.5 U	0.34 U	1.1 J	0.34 U	0.44 J	1.8 J	--	0.36 U
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-1-2	E-SB-1457	1	2	20160226	0.62 U	73	0.5 U	0.5 U	0.71 J	0.77 U	0.34 U	0.36 U	0.56 U	4.8 U	0.67 U	--	1.5 J	2.5 J	2.51	0.27 U	0.24 U
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-SB-1448-0-2	E-SB-1448	0	2	20160301	--	--	--	--	NORMAL
E-SB-1449-0-2	E-SB-1449	0	2	20160301	--	--	--	--	NORMAL
E-SB-1450-0-2	E-SB-1450	0	2	20160301	--	--	--	--	NORMAL
E-SB-1451-0-2	E-SB-1451	0	2	20160301	--	--	--	--	NORMAL
E-SB-1452-0-2	E-SB-1452	0	2	20160301	--	--	--	--	NORMAL
E-SB-1452-0-2-AVG	E-SB-1452	0	2	20160301	--	--	--	--	NORMAL
E-SB-1452-0-2-D	E-SB-1452	0	2	20160301	--	--	--	--	NORMAL
E-SB-1453-0-2	E-SB-1453	0	2	20160302	--	--	--	--	NORMAL
E-SB-1454-0-2	E-SB-1454	0	2	20160302	--	--	--	--	NORMAL
E-SB-1454-0-2-AVG	E-SB-1454	0	2	20160302	--	--	--	--	NORMAL
E-SB-1454-0-2-D	E-SB-1454	0	2	20160302	--	--	--	--	NORMAL
E-SB-1455-0-2	E-SB-1455	0	2	20160302	--	--	--	--	NORMAL
E-SB-1456-0-2	E-SB-1456	0	2	20160302	--	--	--	--	NORMAL
E-SB-1457-0-1	E-SB-1457	0	1	20160226	--	--	--	--	NORMAL
E-SB-1457-1-2	E-SB-1457	1	2	20160226	0.32 U	0.24 U	0.56 U	0.25 U	NORMAL
E-SB-1458-0-1	E-SB-1458	0	1	20160226	--	--	--	--	NORMAL
E-SB-1458-1-2	E-SB-1458	1	2	20160226	--	--	--	--	NORMAL
E-SB-1459-0-1	E-SB-1459	0	1	20160226	--	--	--	--	NORMAL
E-SB-1459-1-2	E-SB-1459	1	2	20160226	--	--	--	--	NORMAL
E-SB-1460-0-1	E-SB-1460	0	1	20160226	--	--	--	--	NORMAL
E-SB-1460-1-2	E-SB-1460	1	2	20160226	--	--	--	--	NORMAL
E-SB-1461-0-2	E-SB-1461	0	2	20160226	--	--	--	--	NORMAL
E-SB-1464-0-2	E-SB-1464	0	2	20160225	--	--	--	--	NORMAL
E-SB-1465-0-2	E-SB-1465	0	2	20160225	--	--	--	--	NORMAL
E-SB-1466-0-2	E-SB-1466	0	2	20160225	--	--	--	--	NORMAL
E-SB-1471-0-2	E-SB-1471	0	2	20160329	--	--	--	--	NORMAL
E-SB-1472-0-2	E-SB-1472	0	2	20160330	--	--	--	--	NORMAL
E-SB-1473-0-2	E-SB-1473	0	2	20160330	--	--	--	--	NORMAL
E-SB-1474-0-2	E-SB-1474	0	2	20160229	--	--	--	--	NORMAL
E-SB-1475-0-2	E-SB-1475	0	2	20160329	--	--	--	--	NORMAL
E-SB-1476-0-2	E-SB-1476	0	2	20160329	--	--	--	--	NORMAL
E-SB-1479-0.5-1	E-SB-1479	0.5	1	20160229	--	--	--	--	NORMAL
E-SB-1479-0-0.5	E-SB-1479	0	0.5	20160229	--	--	--	--	NORMAL
E-SB-1479-1-2	E-SB-1479	1	2	20160229	--	--	--	--	NORMAL
E-SB-1482-0.5-1	E-SB-1482	0.5	1	20160229	--	--	--	--	NORMAL
E-SB-1482-0-0.5	E-SB-1482	0	0.5	20160229	--	--	--	--	NORMAL
E-SB-1482-1-2	E-SB-1482	1	2	20160229	--	--	--	--	NORMAL
E-SB-1483-0-1	E-SB-1483	0	1	20160229	--	--	--	--	NORMAL
E-SB-1483-1-2	E-SB-1483	1	2	20160229	--	--	--	--	NORMAL
E-SB-1484-1-2	E-SB-1484	1	2	20160229	--	--	--	--	NORMAL
E-SB-1485-0.5-1	E-SB-1485	0.5	1	20160229	--	--	--	--	NORMAL
E-SB-1485-0.5-1-AVG	E-SB-1485	0.5	1	20160229	--	--	--	--	NORMAL
E-SB-1485-0.5-1-D	E-SB-1485	0.5	1	20160229	--	--	--	--	NORMAL
E-SB-1485-0-0.5	E-SB-1485	0	0.5	20160229	--	--	--	--	NORMAL
E-SB-1486-0.5-1	E-SB-1486	0.5	1	20160301	--	--	--	--	NORMAL
E-SB-1486-0-0.5	E-SB-1486	0	0.5	20160301	--	--	--	--	NORMAL
E-SB-1487-0.5-1	E-SB-1487	0.5	1	20160301	--	--	--	--	NORMAL
E-SB-1487-0-0.5	E-SB-1487	0	0.5	20160301	--	--	--	--	NORMAL
E-SB-1488-0.5-1	E-SB-1488	0.5	1	20160301	--	--	--	--	NORMAL
E-SB-1488-0-0.5	E-SB-1488	0	0.5	20160301	--	--	--	--	NORMAL
E-SB-1489-0.5-1	E-SB-1489	0.5	1	20160301	--	--	--	--	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.7 U	17 U	78
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.4 U	16 U	11 U
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	14 U	18.5 U	23 U	13 U	9.25 U	16 U	10.5 U
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	14 U	18 U	23 U	13 U	9.1 U	16 U	10 U
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.4 U	16 U	11 J
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U	16 U	10 U
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	7200 U	9700 U	12000 U	6600 U	4800 U	8500 U	71000
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	280 U	370 U	470 U	260 U	190 U	330 U	5000
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	270 U	360 U	450 U	250 U	180 U	320 U	5600
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U	16 U	86
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	16 U	26 J
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	14 U	19 U	23.5 U	13 U	9.45 U	16.5 U	37
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.6 U	17 U	48
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	140000 U	180000 U	230000 U	120000 U	91000 U	160000 U	530000
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	16 U	10 U
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	140000 U	180000 U	230000 U	130000 U	92000 U	160000 U	5E+06
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	16 U	78
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	700 U	940 U	1200 U	650 U	470 U	820 U	2200
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U	16 U	18 J
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.4 U	16 U	40
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	68 U	91 U	110 U	63 U	45 U	80 U	210
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	25000 U	34000 U	42000 U	23000 U	17000 U	29000 U	800000
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.6 U	17 U	28 J
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	14 U	18 U	23 U	13 U	9.1 U	16 U	25 J
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U	17 U	58
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	16 U	28 J
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	13 U	18 U	22 U	12 U	9 U	16 U	48 J
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U	16 U	10 U
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	16 U	10 U
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U	16 U	10 U
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	75 U	100 U	120 U	69 U	50 U	87 U	640
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	13 U	18 U	22 U	12 U	8.9 U	16 U	13 J
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	13 U	18 U	22 U	12 U	8.9 U	16 U	12.5
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	13 U	18 U	22 U	12 U	8.9 U	16 U	12 J
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	71 U	95 U	120 U	65 U	47 U	83 U	510
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.6 U	17 U	29 J
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	140 U	190 U	240 U	130 U	94 U	160 U	2500

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	3400	19 U	5800
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	220	98	550
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	35	47	120
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	11	0.41 U	29
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	97	15	200
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	66	45	210
E-SB-1491-0-1	E-SB-1491	0	1	20160301	12 U	16 U	78	140.35	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	12 U	15 U	0 U	66.2	--	--	--	--	--	--	--	0.9 U	0.41 U	0.92 UJ
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301	11.5 U	15 U	0 U	65.375	--	--	--	--	--	--	--	6.725	2.3525	16.23
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	11 U	15 U	0 U	64.55	--	--	--	--	--	--	--	13	4.5 J	32 J
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	130	10	380
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	190	63	400
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	8.6	4.9 J	16
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	0.88 U	0.4 U	0.9 U
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	980	280	1900
E-SB-1493-0-1	E-SB-1493	0	1	20160301	12 U	15 U	11	71.7	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	12 U	15 U	0 U	65.1	--	--	--	--	--	--	--	0.9 U	0.42 U	0.93 U
E-SB-1494-0-2	E-SB-1494	0	2	20160331	6000 U	7900 U	71000	102350	--	--	--	--	--	--	--	52	97	150
E-SB-1495-0-2	E-SB-1495	0	2	20160331	230 U	300 U	5000	6215	--	--	--	--	--	--	--	2.2 U	1 U	2.3 U
E-SB-1496-0-2	E-SB-1496	0	2	20160331	230 U	290 U	5600	6775	--	--	--	--	--	--	--	650	190	1100
E-SB-1497-0-2	E-SB-1497	0	2	20160331	11 U	15 U	86	145.6	--	--	--	--	--	--	--	0.87 U	0.4 U	0.89 U
E-SB-1498-0-2	E-SB-1498	0	2	20160331	12 U	15 U	26	86.65	--	--	--	--	--	--	--	0.88 U	0.41 U	0.91 U
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	12 U	15.5 U	37	98.475	--	--	--	--	--	--	--	0.895 U	0.415 U	0.92 U
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	12 U	16 U	48	110.3	--	--	--	--	--	--	--	0.91 U	0.42 U	0.93 U
E-SB-1499-0-2	E-SB-1499	0	2	20160331	110000 U	150000 U	530000	1120500	--	--	--	--	--	--	--	3.5 U	1.6 U	3.6 U
E-SB-1500-0-2	E-SB-1500	0	2	20160331	12 U	15 U	0 U	65.65	--	--	--	--	--	--	--	1.7 U	0.8 U	1.8 U
E-SB-1501-0-2	E-SB-1501	0	2	20160304	110000 U	150000 UJ	4900000	5496000	--	--	--	--	--	--	--	6.2 J	0.39 U	0.88 U
E-SB-1502-0-2	E-SB-1502	0	2	20160307	12 U	15 U	78	138.65	--	--	--	--	--	--	--	0.88 U	0.4 U	0.9 U
E-SB-1503-0-2	E-SB-1503	0	2	20160307	590 U	760 U	2200	5265	--	--	--	--	--	--	--	0.9 U	0.42 U	0.93 U
E-SB-1504-0-2	E-SB-1504	0	2	20160304	12 U	15 U	18	78.1	--	--	--	--	--	--	--	0.88 U	0.41 U	0.9 U
E-SB-1505-0-2	E-SB-1505	0	2	20160304	12 U	15 U	40	100.7	--	--	--	--	--	--	--	0.89 U	0.41 U	0.92 U
E-SB-1506-0-2	E-SB-1506	0	2	20160304	57 U	74 U	210	504	--	--	--	--	--	--	--	0.86 U	0.4 U	0.88 U
E-SB-1507-0-2	E-SB-1507	0	2	20160304	21000 U	27000 U	800000	909000	--	--	--	--	--	--	--	0.79 U	0.36 U	0.81 U
E-SB-1508-0-2	E-SB-1508	0	2	20160304	12 U	16 U	28	90.3	--	--	--	--	--	--	--	0.9 U	0.41 U	0.92 U
E-SB-1509-0-2	E-SB-1509	0	2	20160304	11 U	15 U	25	84.55	--	--	--	--	--	--	--	0.86 U	0.4 U	0.89 U
E-SB-1510-0-2	E-SB-1510	0	2	20160307	12 U	15 U	58	119.75	--	--	--	--	--	--	--	0.9 U	0.42 U	0.93 U
E-SB-1511-0-2	E-SB-1511	0	2	20160304	12 U	15 U	28	88.65	--	--	--	--	--	--	--	0.89 U	0.41 U	0.91 U
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	32	0.4 U	53
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	66	0.38 U	110
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	0.92 U
E-SB-1518-0-1	E-SB-1518	0	1	20160307	11 U	15 U	48	106	--	--	--	--	--	--	--	630	120	1200
E-SB-1518-1-2	E-SB-1518	1	2	20160307	11 U	15 U	0 U	64.6	--	--	--	--	--	--	--	0.86 U	4.5 J	7.3 J
E-SB-1519-0-1	E-SB-1519	0	1	20160307	12 U	15 U	0 U	65.65	--	--	--	--	--	--	--	0.9 U	0.42 U	6.1 J
E-SB-1519-1-2	E-SB-1519	1	2	20160307	12 U	15 U	0 U	65.1	--	--	--	--	--	--	--	0.87 U	0.4 U	0.89 U
E-SB-1520-0-1	E-SB-1520	0	1	20160307	62 U	81 U	640	962	--	--	--	--	--	--	--	160	120	460
E-SB-1520-1-2	E-SB-1520	1	2	20160307	11 U	14 U	13	70.45	--	--	--	--	--	--	--	0.84 U	0.39 U	0.87 U
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	11 U	14.5 U	12.5	70.2	--	--	--	--	--	--	--	0.835 U	0.385 U	0.86 U
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	11 U	15 U	12	69.95	--	--	--	--	--	--	--	0.83 U	0.38 U	0.85 U
E-SB-1521-0-1	E-SB-1521	0	1	20160307	59 U	77 U	510	818.5	--	--	--	--	--	--	--	74	66	260
E-SB-1521-1-2	E-SB-1521	1	2	20160307	12 U	16 U	29	91.3	--	--	--	--	--	--	--	440	25 J	860
E-SB-1522-0-1	E-SB-1522	0	1	20160307	120 U	150 U	2500	3112	--	--	--	--	--	--	--	760	280	2500

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUAL ENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	18869	18869	--	15000	12000	18000	9000	6400	15000	2700	36000	2600	7900	2800
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	3173.4	3173.4	--	2100	2100	2800	1800	1100	2400	420	4200	170	1500	98
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	1046.02	1046.02	--	690	690	910	620	420	820	140	1300	29	510	28
E-SB-1490-1-2	E-SB-1490	1	2	20160301	185.76	185.76	--	140	120	180	99	51	150	25	300	9.9	81	0.96
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	1062.32	1062.32	--	730	680	990	540	350	820	160	1600	73	460	30
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	1686	1686	--	1000	1100	1400	940	580	1200	260	2100	56	790	29
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	9.139	8.7285	--	6.2 J	7.1 J	9.7 J	4.7 J	3.1 J	7.5 J	0.78 UJ	12 J	0.63 U	0.41 UJ	0.97
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301	103.745	103.539	--	78.1	68.55	104.85	57.35	40.55	88.75	12.195	171	4.8575	42.1025	2.4925
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	198.35	198.35	--	150 J	130 J	200 J	110 J	78 J	170 J	24 J	330 J	9.4	84 J	4.5
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	1250.6	1250.6	--	1300	790	1300	490	440	1200	150	3100	170	450	15
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	2943.1	2943.1	--	1900	1900	2700	1600	1100	2100	440	3800	130	1300	43
E-SB-1492-1-2	E-SB-1492	1	2	20160301	153.47	153.47	--	100	100	150	100	55	120	20	200	4.9 J	78	3.7
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	10.261	9.881	--	8.2	7.3 J	8.9	9.5	4.1 J	10	0.76 U	13	0.61 U	8.2	0.95
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	11687.6	11687.6	--	8000	7600	11000	6100	3900	8600	1600	16000	740	5400	250
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.42 U	0.81 U	1.3 U	0.78 U	4.6 J	0.63 U	0.42 U	0.97
E-SB-1494-0-2	E-SB-1494	0	2	20160331	1096.38	1096.38	--	670	740	880	600	360	780	150	900	54	470	47
E-SB-1495-0-2	E-SB-1495	0	2	20160331	1.9 U	1.9 U	--	1.9 U	1.9 U	1.7 U	1 U	2 U	3.2 U	1.9 U	1.6 U	1.6 U	1 U	2.4
E-SB-1496-0-2	E-SB-1496	0	2	20160331	8806.3	8806.3	--	5700	5800	8300	4000	3000	6300	1200	11000	630	3700	350
E-SB-1497-0-2	E-SB-1497	0	2	20160331	0.73 U	0.73 U	--	0.72 U	0.73 U	0.67 U	0.4 U	0.78 U	1.3 U	0.75 U	0.63 U	0.6 U	0.4 U	0.94
E-SB-1498-0-2	E-SB-1498	0	2	20160331	0.74 U	0.74 U	--	0.73 U	0.74 U	0.69 U	0.41 U	0.79 U	1.3 U	0.77 U	4 J	0.62 U	0.41 U	0.95
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	1.17285	0.77	--	2.8325	0.755 U	3.3725	0.415 U	0.8 U	1.3 U	0.78 U	5.65	0.625 U	0.415 U	0.965
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	1.9757	1.17	--	5.3 J	0.77 U	6.4 J	0.42 U	0.81 U	1.3 U	0.79 U	7.3 J	0.63 U	0.42 U	0.98
E-SB-1499-0-2	E-SB-1499	0	2	20160331	39.219	37.719	--	28 J	30 J	29 J	25 J	16 J	59	3 U	47	2.4 U	18 J	3.8
E-SB-1500-0-2	E-SB-1500	0	2	20160331	1.5 U	1.5 U	--	1.4 U	1.5 U	1.4 U	0.8 U	1.6 U	2.5 U	1.5 U	1.3 U	1.2 U	0.8 U	1.9
E-SB-1501-0-2	E-SB-1501	0	2	20160304	2.4894	1.7	--	0.71 U	0.72 U	17	0.39 U	0.76 U	1.2 U	0.74 U	0.62 U	0.6 U	0.39 U	0.92
E-SB-1502-0-2	E-SB-1502	0	2	20160307	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.4 U	0.79 U	1.3 U	0.76 U	0.64 U	0.61 U	0.4 U	0.95
E-SB-1503-0-2	E-SB-1503	0	2	20160307	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.42 U	0.81 U	1.3 U	0.78 U	0.65 U	0.63 U	0.42 U	0.97
E-SB-1504-0-2	E-SB-1504	0	2	20160304	1.3916	0.58	--	0.73 U	0.74 U	5.8 J	0.41 U	0.79 U	1.3 U	0.76 U	5.9 J	0.61 U	0.41 U	0.95
E-SB-1505-0-2	E-SB-1505	0	2	20160304	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.78 U	0.65 U	0.62 U	0.41 U	0.96
E-SB-1506-0-2	E-SB-1506	0	2	20160304	0.72 U	0.72 U	--	0.71 U	0.72 U	0.67 U	0.4 U	0.77 U	1.2 U	0.75 U	0.62 U	0.6 U	0.4 U	0.93
E-SB-1507-0-2	E-SB-1507	0	2	20160304	0.66 U	0.66 U	--	0.65 U	0.66 U	0.61 U	0.36 U	0.7 U	1.1 U	0.68 U	0.57 U	0.55 U	0.36 U	0.85
E-SB-1508-0-2	E-SB-1508	0	2	20160304	0.76 U	0.76 U	--	0.74 U	0.76 U	0.7 U	0.41 U	0.8 U	1.3 U	0.78 U	0.65 U	0.63 U	0.41 U	0.97
E-SB-1509-0-2	E-SB-1509	0	2	20160304	0.73 U	0.73 U	--	0.72 U	0.73 U	0.67 U	0.4 U	0.77 U	1.2 U	0.75 U	0.62 U	0.6 U	0.4 U	0.93
E-SB-1510-0-2	E-SB-1510	0	2	20160307	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.42 U	0.81 U	1.3 U	0.78 U	0.65 U	0.63 U	0.42 U	0.97
E-SB-1511-0-2	E-SB-1511	0	2	20160304	0.75 U	0.75 U	--	0.73 U	0.75 U	0.69 U	0.41 U	0.79 U	1.3 U	0.77 U	0.64 U	0.62 U	0.41 U	0.96
E-SB-1513-0-2	E-SB-1513	0	2	20160302	165.03	165.03	--	110	110	140	69	61	120	23	240	35	63	12
E-SB-1514-0-2	E-SB-1514	0	2	20160302	106.828	106.828	--	53	68	89	48	36	68	20	240	120	42	30
E-SB-1515-0-2	E-SB-1515	0	2	20160302	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.77 U	0.65 U	0.62 U	0.41 U	0.96
E-SB-1518-0-1	E-SB-1518	0	1	20160307	6422.9	6422.9	--	4600	4400	6200	2200	2800	4900	700	9900	450	2100	150
E-SB-1518-1-2	E-SB-1518	1	2	20160307	54.665	54.29	--	35	42	69	15	25	40	0.75 U	57	0.6 U	16	4.8
E-SB-1519-0-1	E-SB-1519	0	1	20160307	56.407	56.017	--	38	43	63	36	26	57	0.78 U	63	0.63 U	26	0.97
E-SB-1519-1-2	E-SB-1519	1	2	20160307	0.73 U	0.73 U	--	0.72 U	0.73 U	0.68 U	0.4 U	0.78 U	1.3 U	0.76 U	0.63 U	0.61 U	0.4 U	0.94
E-SB-1520-0-1	E-SB-1520	0	1	20160307	2956.7	2953.9	--	2400	2300	2900	1400	1100	2900	5.6 U	4100	180	1100	120
E-SB-1520-1-2	E-SB-1520	1	2	20160307	13.7785	13.394	--	9.1	11	14	0.39 U	7.2 J	12	0.73 U	15	0.59 U	0.39 U	0.91
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	15.7748	15.393	--	11.55	12.5	16.5	5.5975	7.3	15	0.725 U	20	0.585 U	0.385 U	0.905
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	17.771	17.392	--	14	14	19	11	7.4	18	0.72 U	25	0.58 U	0.38 U	0.9
E-SB-1521-0-1	E-SB-1521	0	1	20160307	2056.15	2054.2	--	1700	1600	1900	1000	910	2100	3.9 U	2700	80	830	85
E-SB-1521-1-2	E-SB-1521	1	2	20160307	4281.8	4281.8	--	2800	2900	3900	1700	1900	2800	540	5400	370	1500	180
E-SB-1522-0-1	E-SB-1522	0	1	20160307	7908.9	7900.9	--	7200	6200	7000	2800	3300	7900	16 U	12000	1000	2400	290

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]YCLIC [illegible]ATIC ARBONS	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible]KG	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301		23000	26000	185600	185610	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301		2000	3900	25456	25456	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301		460	1400	8219	8219	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	U	130	260	1585.9	1586.59	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301		830	1300	8875	8875	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301		830	1900	12506	12506	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	U	5.2 J	7.2 J	62.7	65.21	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301		77.6	148.6	921.05	922.305	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	J	150 J	290 J	1779.4	1779.4	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301		2000	2400	14325	14325	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301		1700	3300	22666	22666	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	J	75	190	1226.1	1226.1	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	U	5.3 J	9.1	83.6	85.85	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301		8100	13000	93450	93450	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	U	0.87 U	0.52 U	4.6	10.19	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331		440	1200	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	U	2.1 U	1.3 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331		7800	10000	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	U	0.83 U	0.5 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	U	0.85 U	0.51 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	U	3.0125	2.6275	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	U	5.6 J	5 J	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	U	48	57	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	U	1.7 U	1 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	U	0.82 U	0.49 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-0-2	E-SB-1502	0	2	20160307	U	0.84 U	0.51 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	U	0.87 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	U	0.85 U	0.51 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	U	0.86 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	U	0.83 U	0.5 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	U	0.76 U	0.46 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	U	0.86 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	U	0.83 U	0.5 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	U	0.87 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	U	0.85 U	0.51 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302		100	170	1338	1338.2	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302		430	150	1570	1570.19	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	U	0.86 U	0.52 U	0 U	5.85	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307		5600	8300	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	J	51	52	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	U	31	73	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	U	0.84 U	0.5 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307		3000	5600	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	U	7 J	22	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	U	9.5	26	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	U	12	30	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307		1500	3800	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307		3000	4200	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307		9600	17000	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	--	--	--	--	--	--	--	--	--	--	0.41 U	0.53 U	0.25 U	--
E-SB-1514-0-2	E-SB-1514	0	2	20160302	--	--	--	--	--	--	--	--	--	--	0.39 U	0.5 U	0.24 U	--
E-SB-1515-0-2	E-SB-1515	0	2	20160302	--	--	--	--	--	--	--	--	--	--	38 U	21 U	19 U	--
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	0.34 U	0.28 U	0.65 U	0.3 U	0.41 U	0.64 U	0.38 U	0.31 U	0.47 U	2.2 U	0.43 U	0.28 U	0.38 U	0.11 U	--	0.56 U	0.33 U
E-SB-1514-0-2	E-SB-1514	0	2	20160302	0.33 U	0.26 U	0.62 U	0.29 U	0.39 U	0.6 U	0.36 U	0.29 U	0.45 U	2.1 U	0.41 U	0.26 U	0.36 U	0.11 U	--	0.53 U	0.31 U
E-SB-1515-0-2	E-SB-1515	0	2	20160302	32 U	27 U	23 U	29 U	30 U	80 U	10 U	23 U	10 U	55 U	25 U	15 U	7.7 U	25 U	--	23 U	18 U
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	0.23 U	0.36 U	0.91 U	0.52 U	0.24 U	0.55 U	0.21 U	0.33 U	1 U	7.5 J	0.73 U	0.27 U	0.27 U	0.24 U	0.2 U	0.34 U	0.48 U	0.53 U
E-SB-1514-0-2	E-SB-1514	0	2	20160302	0.22 U	0.34 U	0.87 U	0.5 UJ	0.23 U	0.53 U	0.2 U	0.32 U	0.95 U	4.4 J	0.7 U	0.26 U	0.26 U	0.22 U	0.19 U	0.33 U	0.46 UJ	0.5 U
E-SB-1515-0-2	E-SB-1515	0	2	20160302	32 U	40 U	56 U	60 U	32 U	65 U	20 U	19 U	43 U	170 U	7 U	10 U	54 U	29 U	47 U	39 U	43 U	14 U
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	0.43 U	0.3 U	0.36 U	0.29 U	0.64 U	3.2 J	0.58 U	0.34 U	0.23 U	0.48 U	0.33 U	0.26 U	0.33 U	0.16 U	0.34 U	--	0.35 U
E-SB-1514-0-2	E-SB-1514	0	2	20160302	0.41 U	0.29 U	0.34 U	0.28 U	0.61 U	28	0.55 U	0.33 U	0.22 U	0.46 U	0.32 U	0.25 U	0.31 U	0.15 U	0.33 U	--	0.33 U
E-SB-1515-0-2	E-SB-1515	0	2	20160302	10 U	15 U	39 U	28 U	37 U	1700	17 U	39 U	47 U	40 U	12 U	27 U	34 U	10 U	15 U	--	23 U
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-0-2	E-SB-1513	0	2	20160302	0.6 U	0.29 U	0.48 U	0.49 U	0.47 U	0.74 U	0.33 U	0.35 U	0.55 U	4.7 U	0.65 U	--	0.22 U	0.44 U	0 U	0.36 J	0.24 U
E-SB-1514-0-2	E-SB-1514	0	2	20160302	0.57 U	0.27 U	0.46 U	0.46 U	0.44 U	0.7 U	0.31 U	0.33 U	0.52 U	4.4 U	0.62 U	--	0.21 U	0.42 U	0 U	0.38 J	0.22 U
E-SB-1515-0-2	E-SB-1515	0	2	20160302	67 J	20 U	16 U	47 U	13 U	12 U	21 U	32 U	26 U	650 U	21 U	--	24 U	25 U	0 U	20 U	20 U
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-SB-1489-0-0.5	E-SB-1489	0	0.5	20160301	--	--	--	--	NORMAL
E-SB-1490-0.5-1	E-SB-1490	0.5	1	20160301	--	--	--	--	NORMAL
E-SB-1490-0-0.5	E-SB-1490	0	0.5	20160301	--	--	--	--	NORMAL
E-SB-1490-1-2	E-SB-1490	1	2	20160301	--	--	--	--	NORMAL
E-SB-1491-0.5-1	E-SB-1491	0.5	1	20160301	--	--	--	--	NORMAL
E-SB-1491-0-0.5	E-SB-1491	0	0.5	20160301	--	--	--	--	NORMAL
E-SB-1491-0-1	E-SB-1491	0	1	20160301	--	--	--	--	NORMAL
E-SB-1491-1-2	E-SB-1491	1	2	20160301	--	--	--	--	NORMAL
E-SB-1491-1-2-AVG	E-SB-1491	1	2	20160301	--	--	--	--	NORMAL
E-SB-1491-1-2-D	E-SB-1491	1	2	20160301	--	--	--	--	NORMAL
E-SB-1492-0.5-1	E-SB-1492	0.5	1	20160301	--	--	--	--	NORMAL
E-SB-1492-0-0.5	E-SB-1492	0	0.5	20160301	--	--	--	--	NORMAL
E-SB-1492-1-2	E-SB-1492	1	2	20160301	--	--	--	--	NORMAL
E-SB-1493-0.5-1	E-SB-1493	0.5	1	20160301	--	--	--	--	NORMAL
E-SB-1493-0-0.5	E-SB-1493	0	0.5	20160301	--	--	--	--	NORMAL
E-SB-1493-0-1	E-SB-1493	0	1	20160301	--	--	--	--	NORMAL
E-SB-1493-1-2	E-SB-1493	1	2	20160301	--	--	--	--	NORMAL
E-SB-1494-0-2	E-SB-1494	0	2	20160331	--	--	--	--	NORMAL
E-SB-1495-0-2	E-SB-1495	0	2	20160331	--	--	--	--	NORMAL
E-SB-1496-0-2	E-SB-1496	0	2	20160331	--	--	--	--	NORMAL
E-SB-1497-0-2	E-SB-1497	0	2	20160331	--	--	--	--	NORMAL
E-SB-1498-0-2	E-SB-1498	0	2	20160331	--	--	--	--	NORMAL
E-SB-1498-0-2-AVG	E-SB-1498	0	2	20160331	--	--	--	--	NORMAL
E-SB-1498-0-2-D	E-SB-1498	0	2	20160331	--	--	--	--	NORMAL
E-SB-1499-0-2	E-SB-1499	0	2	20160331	--	--	--	--	NORMAL
E-SB-1500-0-2	E-SB-1500	0	2	20160331	--	--	--	--	NORMAL
E-SB-1501-0-2	E-SB-1501	0	2	20160304	--	--	--	--	NORMAL
E-SB-1502-0-2	E-SB-1502	0	2	20160307	--	--	--	--	NORMAL
E-SB-1503-0-2	E-SB-1503	0	2	20160307	--	--	--	--	NORMAL
E-SB-1504-0-2	E-SB-1504	0	2	20160304	--	--	--	--	NORMAL
E-SB-1505-0-2	E-SB-1505	0	2	20160304	--	--	--	--	NORMAL
E-SB-1506-0-2	E-SB-1506	0	2	20160304	--	--	--	--	NORMAL
E-SB-1507-0-2	E-SB-1507	0	2	20160304	--	--	--	--	NORMAL
E-SB-1508-0-2	E-SB-1508	0	2	20160304	--	--	--	--	NORMAL
E-SB-1509-0-2	E-SB-1509	0	2	20160304	--	--	--	--	NORMAL
E-SB-1510-0-2	E-SB-1510	0	2	20160307	--	--	--	--	NORMAL
E-SB-1511-0-2	E-SB-1511	0	2	20160304	--	--	--	--	NORMAL
E-SB-1513-0-2	E-SB-1513	0	2	20160302	1.6 J	0.24 U	0.54 U	0.24 U	NORMAL
E-SB-1514-0-2	E-SB-1514	0	2	20160302	0.29 U	0.22 U	0.51 U	0.23 U	NORMAL
E-SB-1515-0-2	E-SB-1515	0	2	20160302	1400	27 U	80 U	13 U	NORMAL
E-SB-1518-0-1	E-SB-1518	0	1	20160307	--	--	--	--	NORMAL
E-SB-1518-1-2	E-SB-1518	1	2	20160307	--	--	--	--	NORMAL
E-SB-1519-0-1	E-SB-1519	0	1	20160307	--	--	--	--	NORMAL
E-SB-1519-1-2	E-SB-1519	1	2	20160307	--	--	--	--	NORMAL
E-SB-1520-0-1	E-SB-1520	0	1	20160307	--	--	--	--	NORMAL
E-SB-1520-1-2	E-SB-1520	1	2	20160307	--	--	--	--	NORMAL
E-SB-1520-1-2-AVG	E-SB-1520	1	2	20160307	--	--	--	--	NORMAL
E-SB-1520-1-2-D	E-SB-1520	1	2	20160307	--	--	--	--	NORMAL
E-SB-1521-0-1	E-SB-1521	0	1	20160307	--	--	--	--	NORMAL
E-SB-1521-1-2	E-SB-1521	1	2	20160307	--	--	--	--	NORMAL
E-SB-1522-0-1	E-SB-1522	0	1	20160307	--	--	--	--	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	0.011 U	0.011 U	0.038	0.011 U	1.2	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	0.011 U	0.011 U	0.011 U	0.011 U	0.8 J	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	0.01 U	0.01 U	0.014 J	0.01 U	1.3 J	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	0.63 U	0.63 U	39 J	0.63 U	1100 J	--	--	--	--	--	--	--	--
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109	--	--	0.965 U	0.808	79.5	0.965 U	1800	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	1.3 U	1.3 J	120 J	1.3 U	2500 J	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	0.011 U	0.011 U	0.019 J	0.011 U	0.78	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	0.011 U	0.011 U	0.011 U	0.011 U	0.72	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	0.01 U	0.01 U	0.01 U	0.01 U	0.82 J	--	--	--	--	--	--	--	--
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	0.01 U	0.01 U	0.018 J	0.01 U	2.3 J	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	0.01 U	0.01 U	0.027	0.01 U	1.8	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	0.011 U	0.011 U	0.011 U	0.011 U	0.29 J	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	0.01 U	0.01 U	0.01 U	0.01 U	0.59	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	13 U	18 U	22 U	12 U	8.9 U	16 U	10 U
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	16 U	58
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U	17 U	11 U
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	150 U	190 U	240 U	130 U	97 U	170 U	1500
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U	16 U	27 J
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U	17 U	11 U
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	15 U	19 U	24 U	13 U	9.7 U	17 U	11 U
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	290 U	380 U	480 U	260 U	190 U	340 U	2200
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U	16 U	10 U
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	14.5 U	19 U	24 U	13.5 U	9.5 U	16.5 U	10.5 U
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	15 U	20 U	25 U	14 U	9.8 U	17 U	11 U
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	72 U	95 U	120 U	66 U	48 U	83 U	910
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	16 U	10 U
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	300 U	400 U	500 U	280 U	200 U	350 U	4200
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.6 U	17 U	66
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	13 U	18 U	22 U	12 U	8.8 U	15 U	27 J
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	14 U	18 U	23 U	13 U	9.1 U	16 U	170
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	15 U	19 U	24 U	13 U	9.7 U	17 U	150
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	14 U	18 U	23 U	12 U	9 U	16 U	130
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	6700 U	8900 U	11000 U	6100 U	4500 U	7800 U	60000
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	14 U	18 U	23 U	12 U	9.1 U	16 U	44
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	13 U	18 U	22 U	12 U	9 U	16 U	17 J
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	14 U	18 U	23 U	12 U	9.1 U	16 U	48
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	14.5 U	18.5 U	23.5 U	12.5 U	9.4 U	16.5 U	40.5
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	15 U	19 U	24 U	13 U	9.7 U	17 U	33 J
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	130 U	130 U	88 U	110 U	93 U	77 U	2000 J
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	21 U
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	16 U	21 U
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	16 U	21 U
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	26 U	25 U	18 U	22 U	19 U	15 U	160
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	53 J
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	29 U	28 U	20 U	25 U	21 U	17 U	590
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	3100 U	3000 U	2100 U	2600 U	2200 U	1800 U	49000 J
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	4800 U	4600 U	3200 U	4000 U	3400 U	2800 U	68500
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	6500 U	6200 U	4300 U	5400 U	4600 U	3800 U	88000 J
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	27000 U	26000 U	18000 U	22000 U	19000 U	16000 U	750000
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	230
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	28 U	26 U	18 U	23 U	19 U	16 U	81
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	20 U
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U	16 U	1300
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	120
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	16 U	180
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1522-1-2	E-SB-1522	1	2	20160307	11 U	14 U	0 U	62.45	--	--	--	--	--	--	--	26	7.3 J	87
E-SB-1523-0-1	E-SB-1523	0	1	20160307	12 U	15 U	58	118.65	--	--	--	--	--	--	--	0.87 U	0.4 U	0.89 U
E-SB-1523-1-2	E-SB-1523	1	2	20160307	12 U	15 U	0 U	67.25	--	--	--	--	--	--	--	0.89 U	0.41 U	0.92 U
E-SB-1524-0-1	E-SB-1524	0	1	20160308	120 U	160 U	1500	2128.5	--	--	--	--	--	--	--	29	22	70
E-SB-1524-1-2	E-SB-1524	1	2	20160308	12 U	15 U	27	87.1	--	--	--	--	--	--	--	0.87 U	0.4 U	0.89 U
E-SB-1525-0-1	E-SB-1525	0	1	20160308	12 U	15 U	0 U	67.25	--	--	--	--	--	--	--	0.89 U	0.41 U	0.91 U
E-SB-1525-1-2	E-SB-1525	1	2	20160308	12 U	16 U	0 U	68.35	--	--	--	--	--	--	--	0.92 U	0.42 U	4.7 J
E-SB-1526-0-1	E-SB-1526	0	1	20160308	240 U	310 U	2200	3445	--	--	--	--	--	--	--	28	63	110
E-SB-1526-1-2	E-SB-1526	1	2	20160308	12 U	15 U	0 U	65.1	--	--	--	--	--	--	--	0.88 U	0.41 U	0.91 U
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	12 U	15.5 U	0 U	67.5	--	--	--	--	--	--	--	0.905 U	0.42 U	0.93 U
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	12 U	16 U	0 U	69.9	--	--	--	--	--	--	--	0.93 U	0.43 U	0.95 U
E-SB-1527-0-1	E-SB-1527	0	1	20160308	60 U	78 U	910	1221	--	--	--	--	--	--	--	26	54	140
E-SB-1527-1-2	E-SB-1527	1	2	20160308	12 U	15 U	0 U	65.65	--	--	--	--	--	--	--	0.88 U	0.41 U	0.9 U
E-SB-1528-0-1	E-SB-1528	0	1	20160308	250 U	330 U	4200	5505	--	--	--	--	--	--	--	560	350	2000
E-SB-1528-1-2	E-SB-1528	1	2	20160308	12 U	16 U	66	128.3	--	--	--	--	--	--	--	46	30	140
E-SB-1529-0-1	E-SB-1529	0	1	20160307	11 U	14 U	27	83.9	--	--	--	--	--	--	--	0.83 U	0.38 U	0.85 U
E-SB-1529-1-2	E-SB-1529	1	2	20160307	11 U	15 U	170	229.55	--	--	--	--	--	--	--	0.88 U	0.4 U	0.9 U
E-SB-1530-0-2	E-SB-1530	0	2	20160303	12 U	16 U	150	212.85	--	--	--	--	--	--	--	0.93 U	0.43 U	0.96 U
E-SB-1531-0-2	E-SB-1531	0	2	20160303	11 U	15 U	130	189	--	--	--	--	--	--	--	0.85 U	0.39 U	0.87 U
E-SB-1532-0-2	E-SB-1532	0	2	20160303	5600 U	7300 U	60000	88950	--	--	--	--	--	--	--	74	7.7	150
E-SB-1533-0-2	E-SB-1533	0	2	20160303	11 U	15 U	44	103.05	--	--	--	--	--	--	--	0.86 U	0.39 U	0.88 U
E-SB-1534-0-2	E-SB-1534	0	2	20160303	11 U	15 UJ	17	75	--	--	--	--	--	--	--	0.86 U	0.39 U	0.88 U
E-SB-1535-0-2	E-SB-1535	0	2	20160303	11 U	15 U	48	107.05	--	--	--	--	--	--	--	0.86 U	0.4 U	0.88 U
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	11.5 U	15.5 U	40.5	101.45	--	--	--	--	--	--	--	0.86 U	0.4 U	0.88 U
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	12 U	16 U	33	95.85	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	9.4 U	23 U	0 U	93.2	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	44 U	110 U	2000	2391	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	9.5 U	24 U	0 U	94.75	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	9.4 U	24 U	0 U	94.2	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	9.3 U	23 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	9.4 U	24 U	0 U	94.2	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	9.4 U	23 U	0 U	93.2	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	8.8 U	22 U	160	237.9	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	9.1 U	23 U	53	133.55	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	9.8 U	25 U	590	677.4	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	1000 U	2600 U	49000	58200	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109	1600 U	4000 U	68500	82700	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	2200 U	5400 U	88000	107200	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	9000 U	22000 U	750000	829500	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	9.5 U	24 U	230	314.25	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	9.2 U	23 U	81	162.1	--	--	--	--	--	--	--	--	--	--
E-SB-1550-0-2	E-SB-1550	0	2	20170110	8.9 U	22 U	0 U	89.45	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	9.2 U	23 U	1300	1382.1	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	9.1 U	23 U	120	200.55	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	9.4 U	24 U	180	263.7	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUAL ENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-SB-1522-1-2	E-SB-1522	1	2	20160307	217.9	217.53	--	190	170	190	100	92	210	0.74 U	320	39	84	17
E-SB-1523-0-1	E-SB-1523	0	1	20160307	23.898	23.518	--	16	18	25	15	9.8	20	0.76 U	29	0.61 U	13	0.94
E-SB-1523-1-2	E-SB-1523	1	2	20160307	14.2255	13.811	--	11	11	17	0.41 U	0.8 U	11	0.78 U	18	0.62 U	0.41 U	0.96
E-SB-1524-0-1	E-SB-1524	0	1	20160308	674.375	673.97	--	460	520	850	200	340	570	0.81 U	980	23	190	18
E-SB-1524-1-2	E-SB-1524	1	2	20160308	0.73 U	0.73 U	--	0.72 U	0.73 U	0.67 U	0.4 U	0.77 U	1.3 U	0.75 U	5.3 J	0.6 U	0.4 U	0.93
E-SB-1525-0-1	E-SB-1525	0	1	20160308	20.8185	20.413	--	17	17	16	11	9	23	0.77 U	28	0.62 U	0.41 U	0.96
E-SB-1525-1-2	E-SB-1525	1	2	20160308	42.685	42.285	--	34	33	43	16	14	45	0.8 U	54	0.64 U	14	0.99
E-SB-1526-0-1	E-SB-1526	0	1	20160308	1119.5	1118.7	--	810	850	1500	350	560	1100	1.6 U	1400	27	310	51
E-SB-1526-1-2	E-SB-1526	1	2	20160308	1.32825	0.5148	--	5.1 J	0.74 U	0.68 U	0.41 U	0.79 U	4.8 J	0.77 U	6.6 J	0.62 U	0.41 U	0.95
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	0.85913	0.5148	--	2.7425	0.76 U	0.7 U	0.42 U	0.81 U	2.725	0.79 U	5.75	0.635 U	0.42 U	0.975
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	0.78 U	0.78 U	--	0.77 U	0.78 U	0.72 U	0.43 U	0.83 U	1.3 U	0.81 U	4.9 J	0.65 U	0.43 U	1
E-SB-1527-0-1	E-SB-1527	0	1	20160308	1290.6	1289.6	--	970	1000	1500	400	640	1200	2 U	1700	33	350	55
E-SB-1527-1-2	E-SB-1527	1	2	20160308	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.41 U	0.79 U	1.3 U	0.77 U	0.64 U	0.61 U	0.41 U	0.95
E-SB-1528-0-1	E-SB-1528	0	1	20160308	12485.5	12477	--	11000	9600	14000	3400	5400	13000	17 U	17000	680	3100	640
E-SB-1528-1-2	E-SB-1528	1	2	20160308	901.3	900.5	--	770	700	950	260	360	900	1.6 U	1300	39	240	35
E-SB-1529-0-1	E-SB-1529	0	1	20160307	0.7 U	0.7 U	--	0.69 U	0.7 U	0.64 U	0.38 U	0.74 U	1.2 U	0.72 U	0.6 U	0.58 U	0.38 U	0.89
E-SB-1529-1-2	E-SB-1529	1	2	20160307	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.4 U	0.78 U	1.3 U	0.76 U	0.63 U	0.61 U	0.4 U	0.95
E-SB-1530-0-2	E-SB-1530	0	2	20160303	29.58	29.175	--	22	22	36	13	15	25	0.81 U	36	0.65 U	12	1
E-SB-1531-0-2	E-SB-1531	0	2	20160303	1.7039	0.95	--	4.6 J	0.72 U	4.9 J	0.39 U	0.76 U	1.2 U	0.74 U	5.8 J	0.59 U	0.39 U	4
E-SB-1532-0-2	E-SB-1532	0	2	20160303	1069.6	1069.6	--	670	720	1100	390	390	700	130	1300	44	380	8.4
E-SB-1533-0-2	E-SB-1533	0	2	20160303	0.72 U	0.72 U	--	0.71 U	0.72 U	0.66 U	0.39 U	0.77 U	1.2 U	0.74 U	4 J	0.6 U	0.39 U	0.92
E-SB-1534-0-2	E-SB-1534	0	2	20160303	0.72 U	0.72 U	--	0.71 U	0.72 U	0.66 U	0.39 U	0.77 U	1.2 U	0.74 U	0.62 U	0.6 U	0.39 U	0.92
E-SB-1535-0-2	E-SB-1535	0	2	20160303	9.9158	9.5408	--	6.9 J	7.1 J	12	5.7 J	6.1 J	9.8	0.75 U	15	0.6 U	4.8 J	0.93
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	9.9158	9.5408	--	6.9 J	7.1 J	12	5.7 J	6.1 J	9.8	0.75 U	15	0.6 U	4.8 J	0.93
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]YCLIC [illegible]ATIC ARBONS	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible]KG	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1522-1-2	E-SB-1522	1	2	20160307		300	420	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	U	16	26	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	U	13	16	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308		460	960	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	U	0.83 U	6.6 J	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	U	19	42	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	U	34	81	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308		590	1800	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	U	0.85 U	9.6	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	U	0.87 U	7.75	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	U	0.89 U	5.9 J	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308		710	2300	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	U	0.85 U	4.1 J	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308		11000	26000	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308		690	1600	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	U	0.79 U	0.48 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	U	0.84 U	0.51 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	U	15	37	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	J	5.1 J	5.5 J	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303		580	1000	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	U	0.82 U	0.5 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	U	0.82 U	0.5 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	U	6.3 J	13	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	U	6.3 J	13	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-0-2	E-SB-1550	0	2	20170110		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202		--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	0.664	0.494 J	0.563	--	0.335 U	--	3.91 U	0.0825	--	0.00409 U	0.387	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	0.83	1.13 J	0.86	--	-0.0622 U	--	0.81 U	0.0141 U	--	0.00014 U	0.269 J	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	0.766	0.896 J	0.957	--	-0.121 U	--	0.312 U	0.0302	--	0.00325 U	0.429 J	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	4.34	6.84	3.86	--	1.21 U	--	2500	84.1 J	--	7.24 U	372 J	--	--	--
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109	4.62	6.635	4.155	--	43.305 U	--	5250	170.05	--	10.71	613.5	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	4.9	6.43	4.45	--	85.4 U	--	8000	256 J	--	17.8	855 J	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	0.284	0.614	0.292	--	2.67 U	--	1.86 U	0.0403	--	0.00397 U	0.262	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	0.951	0.861	0.959	--	1.18 U	--	-0.0926 U	0.0128 U	--	-0.0053 U	0.243	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	0.793	0.767	1	--	-0.889 U	--	-0.284 U	0.0138 U	--	-0.003 U	0.276 J	--	--	--
E-SB-1550-0-2	E-SB-1550	0	2	20170110	2.2	1.09 J	1.87	--	0.798 U	--	0.805 U	0.039	--	0.00047 U	0.781 J	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	0.765	0.742	0.814	--	0.0193 U	--	1.27 U	0.0589	--	-0.0085 U	0.59	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	0.494	0.432	0.457	--	-1.5 U	--	0.934 U	0.00496 U	--	-0.003 U	0.0991 J	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	0.984	0.793	0.865	--	0.502 U	--	0.193 U	0.00986 U	--	0.00317 U	0.199 J	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	2.4 NJ	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	--	62000 NJ	--	--	--	--	430 NJ	6700 NJ

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	--	--	--	--	--	--	33 NJ	--	--	--	--	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	18 NJ	--	--	--	--	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	350 NJ	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	3000 NJ	--	--	--	1700 NJ	--	940 NJ	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	--	--	--	--	--	--	--	--	--	--	0.27 U	0.17 U	0.2 U	--
E-SB-1573-1-2	E-SB-1573	1	2	20170202	--	2.4 NJ	--	--	--	--	--	--	--	8.9 NJ	0.27 U	0.17 U	0.19 U	--
E-SB-1574-1-2	E-SB-1574	1	2	20170202	--	--	--	--	--	--	--	--	--	--	0.25 U	0.16 U	0.18 U	--
E-SB-1575-1-2	E-SB-1575	1	2	20170202	--	--	--	--	--	--	--	--	--	--	0.27 U	0.17 U	0.2 U	--
E-SB-1576-1-2	E-SB-1576	1	2	20170202	--	--	--	--	--	--	--	500 NJ	--	--	17 UJ	25 U	22 U	--
E-SB-1577-1-2	E-SB-1577	1	2	20170202	--	--	--	--	--	--	--	--	330 NJ	--	20 UJ	30 U	26 U	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	0.37 U	0.25 U	0.41 U	0.14 U	0.26 U	0.29 U	0.076 U	0.18 U	0.19 U	0.51 U	0.26 U	0.17 U	0.22 U	0.23 U	--	0.22 U	0.17 U
E-SB-1573-1-2	E-SB-1573	1	2	20170202	0.36 U	0.24 U	0.4 U	0.14 U	0.26 U	0.29 U	0.074 U	0.18 U	0.18 U	0.5 U	0.26 U	0.16 U	0.21 U	0.23 U	--	0.21 U	0.17 U
E-SB-1574-1-2	E-SB-1574	1	2	20170202	0.34 U	0.23 U	0.37 U	0.13 U	0.24 U	0.27 U	0.069 U	0.17 U	0.17 U	0.47 U	0.24 U	0.15 U	0.2 U	0.21 U	--	0.2 U	0.16 U
E-SB-1575-1-2	E-SB-1575	1	2	20170202	0.37 U	0.25 U	0.41 U	0.14 U	0.26 U	0.29 U	0.075 U	0.18 U	0.19 U	0.51 U	0.26 U	0.17 U	0.22 U	0.23 U	--	0.22 U	0.17 U
E-SB-1576-1-2	E-SB-1576	1	2	20170202	21 U	28 U	33 U	31 U	29 U	23 U	12 U	24 U	17 U	44 UJ	21 U	16 U	27 U	27 U	--	34 U	24 U
E-SB-1577-1-2	E-SB-1577	1	2	20170202	25 U	33 U	39 U	37 U	34 U	27 U	14 U	28 U	20 U	52 UJ	25 U	19 U	32 U	32 U	--	41 U	28 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	0.26 U	0.23 U	0.96 U	2.1 UJ	0.28 U	0.44 UJ	0.18 U	0.14 U	0.67 U	4.1 U	0.24 U	0.2 U	0.27 U	0.25 U	0.3 U	0.45 U	0.16 U	0.19 U
E-SB-1573-1-2	E-SB-1573	1	2	20170202	0.26 U	0.22 U	0.94 U	2.1 UJ	0.27 U	0.43 UJ	0.18 U	0.13 U	0.66 U	2.3 UJ	0.24 U	0.2 U	0.27 U	0.24 U	0.3 U	0.44 U	0.15 U	0.18 U
E-SB-1574-1-2	E-SB-1574	1	2	20170202	0.24 U	0.21 U	0.87 U	1.9 UJ	0.25 U	0.4 UJ	0.17 U	0.12 U	0.61 U	9.2 U	0.22 U	0.19 U	0.25 U	0.23 U	0.28 U	0.41 U	0.14 U	0.17 U
E-SB-1575-1-2	E-SB-1575	1	2	20170202	0.26 U	0.23 U	0.95 U	2.1 UJ	0.28 U	0.44 UJ	0.18 U	0.14 U	0.67 U	2.3 UJ	0.24 U	0.2 U	0.27 U	0.25 U	0.3 U	0.44 U	0.16 U	0.19 U
E-SB-1576-1-2	E-SB-1576	1	2	20170202	25 U	23 U	45 UJ	180 U	22 U	78 U	26 U	21 U	36 U	88 UJ	22 U	25 U	33 U	16 U	21 U	25 U	16 U	25 UJ
E-SB-1577-1-2	E-SB-1577	1	2	20170202	29 U	27 U	54 UJ	210 U	26 U	93 U	31 U	1500	43 U	100 UJ	26 U	30 U	39 U	19 U	25 U	30 U	19 U	29 UJ

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	0.25 U	0.23 U	0.29 U	0.17 U	0.29 U	0.24 U	0.2 U	0.29 U	0.26 U	0.18 U	0.098 U	0.2 U	0.33 U	0.15 U	0.3 U	--	0.2 UJ
E-SB-1573-1-2	E-SB-1573	1	2	20170202	0.24 U	0.22 U	0.28 U	0.17 U	0.28 U	0.21 U	0.19 U	0.28 U	0.26 U	0.18 U	0.096 U	0.2 U	0.32 U	0.15 U	0.3 U	--	0.2 UJ
E-SB-1574-1-2	E-SB-1574	1	2	20170202	0.23 U	0.21 U	0.26 U	0.16 U	0.26 U	0.19 U	0.18 U	0.26 U	0.24 U	0.17 U	0.089 U	0.19 U	0.3 U	0.14 U	0.28 U	--	0.19 UJ
E-SB-1575-1-2	E-SB-1575	1	2	20170202	0.25 U	0.23 U	0.29 U	0.17 U	0.29 U	0.22 U	0.2 U	0.29 U	0.26 U	0.18 U	0.098 U	0.2 U	0.33 U	0.15 U	0.3 U	--	0.2 UJ
E-SB-1576-1-2	E-SB-1576	1	2	20170202	27 U	31 UJ	25 U	22 U	16 U	32 U	21 U	39 U	20 U	18 U	14 U	32 U	29 U	31 U	25 U	--	24 U
E-SB-1577-1-2	E-SB-1577	1	2	20170202	32 U	37 UJ	30 U	26 U	19 U	38 U	25 U	46 U	24 U	22 U	16 U	38 U	34 U	52 J	30 U	--	28 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-1-2	E-SB-1572	1	2	20170201	0.49 U	0.25 U	0.19 U	0.21 U	0.17 U	0.14 U	0.2 U	0.16 U	0.16 U	1.8 U	0.28 U	--	0.26 U	0.3 U	--	0.29 U	0.16 U
E-SB-1573-1-2	E-SB-1573	1	2	20170202	0.63 U	0.24 U	0.18 U	0.21 U	0.16 U	0.14 U	0.2 U	0.15 U	0.15 U	1.8 U	0.27 U	--	0.25 U	0.3 U	--	0.28 U	0.15 U
E-SB-1574-1-2	E-SB-1574	1	2	20170202	0.72 U	0.23 U	0.17 U	0.19 U	0.15 U	0.13 U	0.19 U	0.14 U	0.14 U	1.6 U	0.25 U	--	0.23 U	0.28 U	--	0.26 U	0.14 U
E-SB-1575-1-2	E-SB-1575	1	2	20170202	1.7 U	0.25 U	0.19 U	0.21 U	0.17 U	0.14 U	0.2 U	0.16 U	0.16 U	1.8 U	0.28 U	--	0.26 U	0.3 U	--	0.29 U	0.16 U
E-SB-1576-1-2	E-SB-1576	1	2	20170202	59 U	18 U	27 U	32 U	27 U	22 U	9.1 U	14 U	25 U	330 U	19 U	--	22 U	25 U	--	32 U	14 U
E-SB-1577-1-2	E-SB-1577	1	2	20170202	70 U	22 U	32 U	38 U	32 U	26 U	11 U	16 U	30 U	390 U	23 U	--	26 U	30 U	--	38 U	16 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-SB-1522-1-2	E-SB-1522	1	2	20160307	--	--	--	--	NORMAL
E-SB-1523-0-1	E-SB-1523	0	1	20160307	--	--	--	--	NORMAL
E-SB-1523-1-2	E-SB-1523	1	2	20160307	--	--	--	--	NORMAL
E-SB-1524-0-1	E-SB-1524	0	1	20160308	--	--	--	--	NORMAL
E-SB-1524-1-2	E-SB-1524	1	2	20160308	--	--	--	--	NORMAL
E-SB-1525-0-1	E-SB-1525	0	1	20160308	--	--	--	--	NORMAL
E-SB-1525-1-2	E-SB-1525	1	2	20160308	--	--	--	--	NORMAL
E-SB-1526-0-1	E-SB-1526	0	1	20160308	--	--	--	--	NORMAL
E-SB-1526-1-2	E-SB-1526	1	2	20160308	--	--	--	--	NORMAL
E-SB-1526-1-2-AVG	E-SB-1526	1	2	20160308	--	--	--	--	NORMAL
E-SB-1526-1-2-D	E-SB-1526	1	2	20160308	--	--	--	--	NORMAL
E-SB-1527-0-1	E-SB-1527	0	1	20160308	--	--	--	--	NORMAL
E-SB-1527-1-2	E-SB-1527	1	2	20160308	--	--	--	--	NORMAL
E-SB-1528-0-1	E-SB-1528	0	1	20160308	--	--	--	--	NORMAL
E-SB-1528-1-2	E-SB-1528	1	2	20160308	--	--	--	--	NORMAL
E-SB-1529-0-1	E-SB-1529	0	1	20160307	--	--	--	--	NORMAL
E-SB-1529-1-2	E-SB-1529	1	2	20160307	--	--	--	--	NORMAL
E-SB-1530-0-2	E-SB-1530	0	2	20160303	--	--	--	--	NORMAL
E-SB-1531-0-2	E-SB-1531	0	2	20160303	--	--	--	--	NORMAL
E-SB-1532-0-2	E-SB-1532	0	2	20160303	--	--	--	--	NORMAL
E-SB-1533-0-2	E-SB-1533	0	2	20160303	--	--	--	--	NORMAL
E-SB-1534-0-2	E-SB-1534	0	2	20160303	--	--	--	--	NORMAL
E-SB-1535-0-2	E-SB-1535	0	2	20160303	--	--	--	--	NORMAL
E-SB-1535-0-2-AVG	E-SB-1535	0	2	20160303	--	--	--	--	NORMAL
E-SB-1535-0-2-D	E-SB-1535	0	2	20160303	--	--	--	--	NORMAL
E-SB-1536-0-2	E-SB-1536	0	2	20170209	--	--	--	--	NORMAL
E-SB-1537-0-2	E-SB-1537	0	2	20170209	--	--	--	--	NORMAL
E-SB-1538-0-2	E-SB-1538	0	2	20170209	--	--	--	--	NORMAL
E-SB-1539-0-2	E-SB-1539	0	2	20170210	--	--	--	--	NORMAL
E-SB-1540-0-2	E-SB-1540	0	2	20170210	--	--	--	--	NORMAL
E-SB-1541-0-2	E-SB-1541	0	2	20170209	--	--	--	--	NORMAL
E-SB-1542-0-2	E-SB-1542	0	2	20170209	--	--	--	--	NORMAL
E-SB-1543-0-2	E-SB-1543	0	2	20170110	--	--	--	--	NORMAL
E-SB-1544-0-2	E-SB-1544	0	2	20170109	--	--	--	--	NORMAL
E-SB-1545-0-2	E-SB-1545	0	2	20170109	--	--	--	--	NORMAL
E-SB-1546-0-2	E-SB-1546	0	2	20170109	--	--	--	--	NORMAL
E-SB-1546-0-2-AVG	E-SB-1546	0	2	20170109	--	--	--	--	NORMAL
E-SB-1546-0-2-D	E-SB-1546	0	2	20170109	--	--	--	--	NORMAL
E-SB-1547-0-2	E-SB-1547	0	2	20170109	--	--	--	--	NORMAL
E-SB-1548-0-2	E-SB-1548	0	2	20170109	--	--	--	--	NORMAL
E-SB-1549-0-2	E-SB-1549	0	2	20170110	--	--	--	--	NORMAL
E-SB-1550-0-2	E-SB-1550	0	2	20170110	--	--	--	--	NORMAL
E-SB-1551-0-2	E-SB-1551	0	2	20170110	--	--	--	--	NORMAL
E-SB-1552-0-2	E-SB-1552	0	2	20170110	--	--	--	--	NORMAL
E-SB-1553-0-2	E-SB-1553	0	2	20170110	--	--	--	--	NORMAL
E-SB-1572-1-2	E-SB-1572	1	2	20170201	0.31 U	0.18 UJ	0.66 U	0.21 U	NORMAL
E-SB-1573-1-2	E-SB-1573	1	2	20170202	0.56 J	0.18 UJ	0.64 U	0.21 U	NORMAL
E-SB-1574-1-2	E-SB-1574	1	2	20170202	0.51 J	0.17 UJ	0.6 U	0.19 U	NORMAL
E-SB-1575-1-2	E-SB-1575	1	2	20170202	0.31 U	0.18 UJ	0.65 U	0.21 U	NORMAL
E-SB-1576-1-2	E-SB-1576	1	2	20170202	34 U	31 U	47 U	15 U	NORMAL
E-SB-1577-1-2	E-SB-1577	1	2	20170202	250 J	37 U	56 U	18 U	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	1400 U	1300 U	930 U	1200 U	990 U	810 U	110000 J
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	280000 U	260000 U	180000 U	230000 U	200000 U	160000 U	5E+06
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	140 U	130 U	90 U	110 U	96 U	79 U	2100 J
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	27 U	25 U	18 U	22 U	19 U	15 U	97 J
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	27000 U	26000 U	18000 U	22000 U	19000 U	16000 U	460000 J
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	140 U	130 U	92 U	120 U	98 U	81 U	5200 J
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	27 U	25 U	18 U	22 U	19 U	16 U	20 U
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	23 J	20 U
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	580 U	550 U	380 U	480 U	410 U	340 U	13000
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	5300 U	5100 U	3500 U	4400 U	3800 U	3100 U	110000
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	990
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U	16 U	130
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	300 U	280 U	200 U	250 U	210 U	170 U	12000
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	810
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U	630	21 U
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	2800 U	2700 U	1800 U	2300 U	2000 U	1600 U	46000
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	39 J	20 U
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	140 U	130 U	92 U	110 U	98 U	80 U	4100
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	270 U	260 U	180 U	230 U	190 U	160 U	6500
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	270 U	260 U	180 U	220 U	190 U	160 U	7100
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	26 U	25 U	18 U	22 U	19 U	15 U	36 J
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	550 U	530 U	370 U	460 U	390 U	320 U	38000
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	560 U	530 U	370 U	460 U	390 U	320 U	22000
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	130 U	130 U	89 U	110 U	95 U	78 U	2900
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	140 U	130 U	91 U	110 U	97 U	80 U	4800
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	660 U	630 U	440 U	550 U	470 U	380 U	12000
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	280 U	270 U	180 U	230 U	200 U	160 U	7600
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	550 U	530 U	370 U	460 U	390 U	19000	420 U
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	270 U	260 U	180 U	230 U	190 U	7700	200 U
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	470 U	1200 U	110000	114150	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	92000 U	230000 U	4500000	5316000	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	45 U	110 U	2100	2500	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	8.8 U	22 U	97	175.4	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	9000 U	22000 U	460000	539500	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	46 U	120 U	5200	5613.5	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	8.9 U	22 U	0 U	88.95	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	9 U	23 U	23	105.5	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	190 U	480 U	13000	14705	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	1800 U	4400 U	110000	125700	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	9.3 U	23 U	990	1072.65	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	9.2 U	23 U	130	211.6	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	99 U	250 U	12000	12879.5	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	9.4 U	23 U	810	892.7	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	9.5 U	24 U	630	716.75	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	920 U	2300 U	46000	54210	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	9.1 U	23 U	39	121.55	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	46 U	110 U	4100	4503	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	90 U	230 U	6500	7305	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	90 U	220 U	7100	7895	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	8.8 U	22 U	36	113.9	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	180 U	460 U	38000	39630	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	190 U	460 U	22000	23640	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	44 U	110 U	2900	3293	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	45 U	110 U	4800	5201.5	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	220 U	550 U	12000	13950	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	92 U	230 U	7600	8421	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	180 U	460 U	19000	20680	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	91 U	230 U	7700	8525.5	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	0.88 U	0.41 U	0.9 U
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	0.9 U	0.41 U	0.92 U
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	0.91 U	0.42 U	0.93 U
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	0.91 U
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	0.87 U	0.4 U	11
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	0.85 U	0.39 U	0.87 U
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	0.91 U
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	0.93 U	0.43 U	0.96 U
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	0.87 U	0.4 U	0.89 U
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	0.9 U	0.41 U	0.92 U
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	0.88 U	0.41 U	0.9 U
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	0.88 U	0.41 U	0.91 U
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	0.87 U	0.4 U	0.9 U
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	0.91 U	0.42 U	0.93 U
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	0.92 U
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	10	0.4 U	0.9 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUAL ENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	1.75945	0.985	--	5.5 J	0.74 U	4.2 J	0.41 U	0.79 U	15	0.76 U	12	0.61 U	0.41 U	0.95
E-SB-1634-1-2	E-SB-1634	1	2	20170127	0.75 U	0.75 U	--	0.74 U	0.75 U	0.7 U	0.41 U	0.8 U	1.3 U	0.78 U	0.65 U	0.62 U	0.41 U	0.97
E-SB-1635-0-1	E-SB-1635	0	1	20170127	0.77 U	0.77 U	--	0.76 U	0.77 U	0.71 U	0.42 U	0.82 U	1.3 U	0.79 U	0.66 U	0.64 U	0.42 U	0.98
E-SB-1635-1-2	E-SB-1635	1	2	20170127	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.77 U	0.64 U	0.62 U	0.41 U	0.96
E-SB-1636-0-1	E-SB-1636	0	1	20170127	48.55	48.55	--	43	31	51	21	11	40	6 J	83	0.61 U	20	0.94
E-SB-1636-1-2	E-SB-1636	1	2	20170127	0.72 U	0.72 U	--	0.71 U	0.72 U	0.66 U	0.39 U	0.76 U	1.2 U	0.74 U	4.1 J	0.59 U	0.39 U	0.92
E-SB-1638-0-1	E-SB-1638	0	1	20170126	12.364	11.979	--	9.8	8.9	14	8.3	5.8 J	11	0.77 U	17	0.62 U	6.3 J	0.96
E-SB-1638-1-2	E-SB-1638	1	2	20170126	0.79 U	0.79 U	--	0.77 U	0.79 U	0.73 U	0.43 U	0.84 U	1.4 U	0.81 U	0.68 U	0.65 U	0.43 U	1
E-SB-1639-0-1	E-SB-1639	0	1	20170127	0.73 U	0.73 U	--	0.72 U	0.73 U	0.67 U	0.4 U	0.78 U	1.3 U	0.75 U	0.63 U	0.6 U	0.4 U	0.94
E-SB-1639-1-2	E-SB-1639	1	2	20170127	0.76 U	0.76 U	--	0.74 U	0.76 U	0.7 U	0.41 U	0.8 U	1.3 U	0.78 U	0.65 U	0.63 U	0.41 U	0.97
E-SB-1640-0-1	E-SB-1640	0	1	20170130	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.41 U	0.79 U	1.3 U	0.76 U	0.64 U	0.61 U	0.41 U	0.95
E-SB-1640-1-2	E-SB-1640	1	2	20170130	0.75 U	0.75 U	--	0.73 U	0.75 U	0.69 U	0.41 U	0.79 U	1.3 U	0.77 U	0.64 U	0.62 U	0.41 U	0.95
E-SB-1641-0-1	E-SB-1641	0	1	20170127	7.2308	6.8269	--	6 J	5.4 J	8.2	3.9 J	0.78 U	6.9 J	0.76 U	11	0.61 U	0.4 U	4.1
E-SB-1641-1-2	E-SB-1641	1	2	20170127	1.27255	0.435	--	0.75 U	0.76 U	4.3 J	0.42 U	0.81 U	5 J	0.79 U	6.4 J	0.63 U	0.42 U	5.1
E-SB-1642-0-1	E-SB-1642	0	1	20170130	8.166	7.776	--	7.4 J	4.8 J	17	6.2 J	6.7 J	19	0.78 U	39	0.62 U	4.5 J	0.96
E-SB-1642-1-2	E-SB-1642	1	2	20170130	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.4 U	0.78 U	1.3 U	0.76 U	0.63 U	8.8	0.4 U	14

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible]YCLIC [illegible]ATIC ARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					[illegible]KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1578-1-2	E-SB-1578	1	2	20170202		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	U	5.7 J	8	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	U	0.86 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	U	0.87 U	0.53 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	U	0.86 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	U	51	63	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	U	0.82 U	0.49 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	U	5.7 J	14	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	U	0.9 U	0.54 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	U	0.83 U	0.5 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	U	0.86 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	U	0.85 U	0.51 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	U	0.85 U	0.51 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	J	0.84 U	10	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	J	13	6.1 J	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	U	4.6 J	32	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130		10	0.51 U	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	5.7 NJ	--	--	--	140 NJ	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	19 NJ	--	--	--	--	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	32 NJ	--	--	--	--	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1578-1-2	E-SB-1578	1	2	20170202	--	--	--	--	--	--	--	--	--	--	0.29 U	0.19 U	0.21 U	--
E-SB-1579-1-2	E-SB-1579	1	2	20170203	--	--	--	--	--	--	--	--	--	--	0.27 U	0.17 U	0.2 U	--
E-SB-1580-1-2	E-SB-1580	1	2	20170203	--	--	--	--	--	--	--	--	--	--	0.25 U	0.16 U	0.18 U	--
E-SB-1581-1-2	E-SB-1581	1	2	20170203	--	--	--	--	--	--	--	--	--	--	0.26 U	0.17 U	0.19 U	--
E-SB-1582-1-2	E-SB-1582	1	2	20170206	--	--	--	--	--	--	--	--	--	--	0.26 U	0.16 U	0.19 U	--
E-SB-1583-1-2	E-SB-1583	1	2	20170206	--	--	--	--	--	--	--	--	--	--	0.29 U	0.19 U	0.21 U	--
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1578-1-2	E-SB-1578	1	2	20170202	0.4 U	0.27 U	0.44 U	0.15 U	0.28 U	0.32 U	0.081 U	0.19 U	0.2 U	0.55 UJ	0.28 U	0.18 U	0.23 U	0.25 U	--	0.23 U	0.19 U
E-SB-1579-1-2	E-SB-1579	1	2	20170203	0.37 U	0.25 U	0.41 U	0.14 U	0.26 U	0.29 U	0.075 U	0.18 U	0.19 U	0.51 UJ	0.26 U	0.17 U	0.22 U	0.23 U	--	0.22 U	0.17 U
E-SB-1580-1-2	E-SB-1580	1	2	20170203	0.34 U	0.23 U	0.38 U	0.13 U	0.24 U	0.27 U	0.07 U	0.17 U	0.17 U	0.48 UJ	0.24 U	0.15 U	0.2 U	0.22 U	--	0.2 U	0.16 U
E-SB-1581-1-2	E-SB-1581	1	2	20170203	0.36 U	0.24 U	0.4 U	0.14 U	0.26 U	0.29 U	0.074 U	0.18 U	0.18 U	0.5 UJ	0.26 U	0.16 U	0.21 U	0.23 U	--	0.21 U	0.17 U
E-SB-1582-1-2	E-SB-1582	1	2	20170206	0.35 U	0.24 U	0.39 U	0.14 U	0.25 U	0.28 U	0.071 U	0.17 U	0.18 U	0.49 UJ	0.25 U	0.16 U	0.21 U	0.22 U	--	0.21 U	0.16 U
E-SB-1583-1-2	E-SB-1583	1	2	20170206	0.4 U	0.27 U	0.44 U	0.15 U	0.28 U	0.31 U	0.081 U	0.19 U	0.2 U	0.55 UJ	0.28 U	0.18 U	0.23 U	0.25 U	--	0.23 U	0.19 U
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1578-1-2	E-SB-1578	1	2	20170202	0.28 U	0.24 U	1 U	2.3 U	0.3 U	0.47 U	0.19 U	0.15 U	0.72 U	5.3 J	0.26 U	0.22 U	0.29 U	0.27 U	0.32 U	0.48 U	0.17 U	0.2 U
E-SB-1579-1-2	E-SB-1579	1	2	20170203	0.26 U	0.23 U	0.96 U	2.1 U	0.28 U	0.44 U	0.18 U	0.14 U	0.67 U	2.3 UJ	0.24 U	0.2 U	0.27 U	0.25 U	0.3 U	0.44 U	0.16 U	0.19 U
E-SB-1580-1-2	E-SB-1580	1	2	20170203	0.24 U	0.21 U	0.89 U	2 U	0.26 U	0.41 U	0.17 U	0.13 U	0.62 U	2.1 UJ	0.22 U	0.19 U	0.25 U	0.23 U	0.28 U	0.41 U	0.15 U	0.17 U
E-SB-1581-1-2	E-SB-1581	1	2	20170203	0.26 U	0.22 U	0.93 U	2.1 U	0.27 U	0.43 U	0.18 U	0.13 U	0.65 U	2.2 UJ	0.24 U	0.2 U	0.26 U	0.24 U	0.29 U	0.43 U	0.15 U	0.18 U
E-SB-1582-1-2	E-SB-1582	1	2	20170206	0.25 U	0.21 U	0.91 U	2 U	0.26 U	0.41 U	0.17 U	0.13 U	0.64 U	2.2 U	0.23 U	0.19 U	0.26 U	0.24 U	0.29 U	0.42 U	0.15 U	0.18 U
E-SB-1583-1-2	E-SB-1583	1	2	20170206	0.28 U	0.24 U	1 U	2.3 U	0.3 U	0.47 U	0.19 U	0.15 U	0.72 U	2.5 U	0.26 U	0.22 U	0.29 U	0.27 U	0.32 U	0.48 U	0.17 U	0.2 U
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1578-1-2	E-SB-1578	1	2	20170202	0.27 U	0.24 U	0.31 U	0.19 U	0.31 U	0.57 J	0.21 U	0.31 U	0.28 U	0.19 U	0.11 U	0.22 U	0.36 U	0.16 U	0.32 U	--	0.22 U
E-SB-1579-1-2	E-SB-1579	1	2	20170203	0.25 U	0.23 U	0.29 U	0.17 U	0.29 U	0.21 U	0.2 U	0.29 U	0.26 U	0.18 U	0.098 U	0.2 U	0.33 U	0.15 U	0.3 U	--	0.2 U
E-SB-1580-1-2	E-SB-1580	1	2	20170203	0.23 U	0.21 U	0.27 U	0.16 U	0.27 U	0.2 U	0.18 U	0.27 U	0.24 U	0.17 U	0.091 U	0.19 U	0.31 U	0.14 U	0.28 U	--	0.19 U
E-SB-1581-1-2	E-SB-1581	1	2	20170203	0.24 U	0.22 U	0.28 U	0.17 U	0.28 U	0.21 U	0.19 U	0.28 U	0.26 U	0.18 U	0.096 U	0.2 U	0.32 U	0.15 U	0.29 U	--	0.2 U
E-SB-1582-1-2	E-SB-1582	1	2	20170206	0.24 U	0.21 U	0.27 U	0.16 U	0.27 U	0.2 U	0.19 U	0.27 U	0.25 U	0.17 U	0.093 UJ	0.19 U	0.31 U	0.14 U	0.29 U	--	0.19 UJ
E-SB-1583-1-2	E-SB-1583	1	2	20170206	0.27 U	0.24 U	0.31 U	0.19 U	0.31 U	0.23 U	0.21 U	0.31 U	0.28 U	0.19 U	0.1 UJ	0.22 U	0.36 U	0.16 U	0.32 U	--	0.22 UJ
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1578-1-2	E-SB-1578	1	2	20170202	4.5 U	0.27 U	0.2 U	0.23 U	0.18 U	0.15 U	0.22 U	0.17 U	0.17 U	1.9 U	0.3 U	--	0.27 U	0.32 U	--	0.31 U	0.17 U
E-SB-1579-1-2	E-SB-1579	1	2	20170203	3.1 U	0.25 U	0.19 U	0.21 U	0.17 U	0.14 U	0.2 U	0.16 U	0.16 U	1.8 U	0.28 U	--	0.26 U	0.3 U	--	0.29 U	0.16 U
E-SB-1580-1-2	E-SB-1580	1	2	20170203	0.17 U	0.23 U	0.17 U	0.2 U	0.15 U	0.13 U	0.19 U	0.15 U	0.15 U	1.7 U	0.26 U	--	0.24 U	0.28 U	--	0.27 U	0.15 U
E-SB-1581-1-2	E-SB-1581	1	2	20170203	1.2 U	0.24 U	0.18 U	0.21 U	0.16 U	0.14 U	0.2 U	0.15 U	0.15 U	1.7 U	0.27 U	--	0.25 U	0.29 U	--	0.28 U	0.15 U
E-SB-1582-1-2	E-SB-1582	1	2	20170206	0.17 U	0.24 U	0.18 U	0.2 U	0.16 U	0.14 U	0.19 U	0.15 UJ	0.15 U	1.7 U	0.26 U	--	0.24 U	0.29 U	--	0.27 U	0.15 U
E-SB-1583-1-2	E-SB-1583	1	2	20170206	1.1 J	0.27 U	0.2 U	0.23 U	0.18 U	0.15 U	0.22 U	0.17 UJ	0.17 U	2.2 J	0.3 U	--	0.27 U	0.32 U	--	0.31 U	0.17 U
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-SB-1578-1-2	E-SB-1578	1	2	20170202	10	0.19 U	0.7 U	0.23 U	NORMAL
E-SB-1579-1-2	E-SB-1579	1	2	20170203	0.35 J	0.18 U	0.65 U	0.21 U	NORMAL
E-SB-1580-1-2	E-SB-1580	1	2	20170203	0.75 J	0.17 U	0.61 U	0.2 U	NORMAL
E-SB-1581-1-2	E-SB-1581	1	2	20170203	0.3 U	0.18 U	0.64 U	0.21 U	NORMAL
E-SB-1582-1-2	E-SB-1582	1	2	20170206	0.29 U	0.17 U	0.62 UJ	0.2 U	NORMAL
E-SB-1583-1-2	E-SB-1583	1	2	20170206	0.33 U	0.19 U	0.7 UJ	0.23 U	NORMAL
E-SB-1589-0-1	E-SB-1589	0	1	20170125	--	--	--	--	NORMAL
E-SB-1589-1-2	E-SB-1589	1	2	20170125	--	--	--	--	NORMAL
E-SB-1593-0-1	E-SB-1593	0	1	20170125	--	--	--	--	NORMAL
E-SB-1593-1-2	E-SB-1593	1	2	20170125	--	--	--	--	NORMAL
E-SB-1594-0-1	E-SB-1594	0	1	20170125	--	--	--	--	NORMAL
E-SB-1594-1-2	E-SB-1594	1	2	20170125	--	--	--	--	NORMAL
E-SB-1595-0-1	E-SB-1595	0	1	20170131	--	--	--	--	NORMAL
E-SB-1595-1-2	E-SB-1595	1	2	20170131	--	--	--	--	NORMAL
E-SB-1596-0-1	E-SB-1596	0	1	20170206	--	--	--	--	NORMAL
E-SB-1596-1-2	E-SB-1596	1	2	20170206	--	--	--	--	NORMAL
E-SB-1602-0-1	E-SB-1602	0	1	20170112	--	--	--	--	NORMAL
E-SB-1602-1-2	E-SB-1602	1	2	20170112	--	--	--	--	NORMAL
E-SB-1603-0-1	E-SB-1603	0	1	20170112	--	--	--	--	NORMAL
E-SB-1603-1-2	E-SB-1603	1	2	20170112	--	--	--	--	NORMAL
E-SB-1626-0-1	E-SB-1626	0	1	20170124	--	--	--	--	NORMAL
E-SB-1626-1-2	E-SB-1626	1	2	20170124	--	--	--	--	NORMAL
E-SB-1627-1-2	E-SB-1627	1	2	20170124	--	--	--	--	NORMAL
E-SB-1628-0-1	E-SB-1628	0	1	20170123	--	--	--	--	NORMAL
E-SB-1628-1-2	E-SB-1628	1	2	20170123	--	--	--	--	NORMAL
E-SB-1629-0-1	E-SB-1629	0	1	20170123	--	--	--	--	NORMAL
E-SB-1629-1-2	E-SB-1629	1	2	20170123	--	--	--	--	NORMAL
E-SB-1630-0-1	E-SB-1630	0	1	20170123	--	--	--	--	NORMAL
E-SB-1630-1-2	E-SB-1630	1	2	20170123	--	--	--	--	NORMAL
E-SB-1631-0-1	E-SB-1631	0	1	20170123	--	--	--	--	NORMAL
E-SB-1631-1-2	E-SB-1631	1	2	20170123	--	--	--	--	NORMAL
E-SB-1632-0-1	E-SB-1632	0	1	20170119	--	--	--	--	NORMAL
E-SB-1632-1-2	E-SB-1632	1	2	20170119	--	--	--	--	NORMAL
E-SB-1633-0-1	E-SB-1633	0	1	20170123	--	--	--	--	NORMAL
E-SB-1633-1-2	E-SB-1633	1	2	20170123	--	--	--	--	NORMAL
E-SB-1634-0-1	E-SB-1634	0	1	20170127	--	--	--	--	NORMAL
E-SB-1634-1-2	E-SB-1634	1	2	20170127	--	--	--	--	NORMAL
E-SB-1635-0-1	E-SB-1635	0	1	20170127	--	--	--	--	NORMAL
E-SB-1635-1-2	E-SB-1635	1	2	20170127	--	--	--	--	NORMAL
E-SB-1636-0-1	E-SB-1636	0	1	20170127	--	--	--	--	NORMAL
E-SB-1636-1-2	E-SB-1636	1	2	20170127	--	--	--	--	NORMAL
E-SB-1638-0-1	E-SB-1638	0	1	20170126	--	--	--	--	NORMAL
E-SB-1638-1-2	E-SB-1638	1	2	20170126	--	--	--	--	NORMAL
E-SB-1639-0-1	E-SB-1639	0	1	20170127	--	--	--	--	NORMAL
E-SB-1639-1-2	E-SB-1639	1	2	20170127	--	--	--	--	NORMAL
E-SB-1640-0-1	E-SB-1640	0	1	20170130	--	--	--	--	NORMAL
E-SB-1640-1-2	E-SB-1640	1	2	20170130	--	--	--	--	NORMAL
E-SB-1641-0-1	E-SB-1641	0	1	20170127	--	--	--	--	NORMAL
E-SB-1641-1-2	E-SB-1641	1	2	20170127	--	--	--	--	NORMAL
E-SB-1642-0-1	E-SB-1642	0	1	20170130	--	--	--	--	NORMAL
E-SB-1642-1-2	E-SB-1642	1	2	20170130	--	--	--	--	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	300 U	290 U	200 U	250 U	210 U	180 U	5100 J
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	27 J
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	280 U	270 U	190 U	230 U	200 U	160 U	6600 J
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	300 J
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U	17 U	22 U
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U	16 U	21 U
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	26 U	25 U	17 U	22 U	19 U	15 U	22 J
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	31 J
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	160 U	160 U	110 U	140 U	120 U	95 U	5300
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	98
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	2900 U	2800 U	1900 U	2400 U	2000 U	1700 U	69000
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	26 U	25 U	17 U	22 U	19 U	15 U	90
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	420
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	21 J
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	21 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	720	73	710
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	720	50 J	740
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	0.88 U	0.4 U	0.9 U
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	0.9 U	0.42 U	0.93 U
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	0.86 U	0.39 U	0.88 U
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	0.86 U	0.4 U	7.7
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	0.85 U	0.39 U	0.87 U
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	0.91 U	0.42 U	0.93 U
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	8.8
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	0.86 U	0.39 U	0.88 U
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	900	81	1300
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	0.91 U
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	5.3 J	0.43 U	10
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	0.91 U	0.42 U	0.93 U
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	0.86 U	0.4 U	0.88 U
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	0.91 U	0.42 U	0.93 U
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	5.5 J	0.41 U	0.91 U
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	0.84 U	0.39 U	0.86 U
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	0.91 U	0.42 U	0.94 U
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	0.9 U	0.41 U	0.92 U
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	0.85 U	0.39 U	0.87 U
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	0.87 U	0.4 U	0.89 U
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	0.88 U	0.41 U	0.9 U
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	0.92 U	0.43 U	0.95 U
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	0.91 U
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	0.9 U	0.41 U	0.92 U
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	0.88 U	0.4 U	0.9 U
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	0.96 U	0.44 U	0.98 U
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	0.91 U	0.42 U	0.93 U
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	0.9 U	0.42 U	0.93 U
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	0.8 U	0.37 U	6 J
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	0.88 U	0.4 U	0.9 U
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	0.96 U	0.44 U	0.98 U
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	0.93 U	0.43 U	0.95 U
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	30	47	140
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	0.84 U	0.39 U	0.87 U
E-SB-1661-0-1	E-SB-1661	0	1	20170124	100 U	250 U	5100	5990	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	8.9 U	22 U	27	106.45	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	93 U	230 U	6600	7426.5	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	9 U	23 U	300	380.5	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	9.6 U	24 U	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	9.2 U	23 U	0 U	92.1	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	8.7 U	22 U	22	99.35	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	8.9 U	22 U	31	110.45	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	54 U	140 U	5300	5789.5	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	9 U	22 U	98	177.5	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	960 U	2400 U	69000	77530	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	8.7 U	22 U	90	167.35	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	9.5 U	24 U	420	504.25	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	9.5 U	24 U	21	105.25	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	9.1 U	23 U	0 U	91.05	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUAL ENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-SB-1643-0-1	E-SB-1643	0	1	20170126	2447.7	2447.7	--	1600	1500	2600	1100	660	2100	420	3000	1200	990	8800
E-SB-1643-1-2	E-SB-1643	1	2	20170126	1729	1729	--	1500	1100	1900	660	350	1500	220	2800	840	640	6900
E-SB-1644-0-1	E-SB-1644	0	1	20170127	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.4 U	0.79 U	1.3 U	0.76 U	0.64 U	0.61 U	0.4 U	0.95
E-SB-1644-1-2	E-SB-1644	1	2	20170127	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.42 U	0.81 U	1.3 U	0.78 U	0.65 U	0.63 U	0.42 U	0.98
E-SB-1645-0-1	E-SB-1645	0	1	20170210	1.33335	0.5445	--	0.71 U	0.72 U	5.4 J	0.39 U	0.77 U	4.5 J	0.74 U	7.7	0.6 U	0.39 U	0.92
E-SB-1645-1-2	E-SB-1645	1	2	20170210	24.163	23.788	--	22	18	24	14	16	28	0.75 U	44	5.5 J	10	8.6
E-SB-1646-0-1	E-SB-1646	0	1	20170210	0.71 U	0.71 U	--	0.7 U	0.71 U	0.66 U	0.39 U	0.76 U	1.2 U	0.73 U	0.61 U	0.59 U	0.39 U	0.91
E-SB-1646-1-2	E-SB-1646	1	2	20170210	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.42 U	0.81 U	1.3 U	0.79 U	0.66 U	0.63 U	0.42 U	0.98
E-SB-1647-0-1	E-SB-1647	0	1	20170126	68.991	68.606	--	51	53	72	34	35	56	0.77 U	100	0.62 U	29	6
E-SB-1647-1-2	E-SB-1647	1	2	20170126	7.96485	7.5385	--	7.3 J	6.8 J	0.66 U	4.3 J	0.77 U	8.5	0.74 U	12	0.6 U	0.39 U	0.92
E-SB-1648-0-1	E-SB-1648	0	1	20170126	8098.1	8098.1	--	5600	5500	7800	3100	3200	6100	950	11000	600	2700	230
E-SB-1648-1-2	E-SB-1648	1	2	20170126	12.335	11.95	--	9.2	9	15	5.3 J	4 J	10	0.77 U	18	0.62 U	4.8 J	0.96
E-SB-1649-0-1	E-SB-1649	0	1	20170126	71.419	71.019	--	54	54	81	35	36	59	0.8 U	100	0.64 U	31	1
E-SB-1649-1-2	E-SB-1649	1	2	20170126	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.42 U	0.81 U	1.3 U	0.79 U	6.7 J	0.63 U	0.42 U	0.98
E-SB-1650-0-1	E-SB-1650	0	1	20170127	0.72 U	0.72 U	--	0.71 U	0.72 U	0.67 U	0.4 U	0.77 U	1.2 U	0.75 U	0.62 U	0.6 U	0.4 U	0.93
E-SB-1650-1-2	E-SB-1650	1	2	20170127	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.42 U	0.81 U	1.3 U	0.79 U	0.66 U	0.63 U	0.42 U	0.98
E-SB-1651-0-1	E-SB-1651	0	1	20170127	2.4155	1.631	--	5.2 J	0.75 U	11	0.41 U	0.8 U	11	0.77 U	40	4.5 J	0.41 U	15
E-SB-1651-1-2	E-SB-1651	1	2	20170127	1.39585	0.6176	--	0.7 U	0.71 U	6.1 J	0.39 U	0.75 U	7.6	0.73 U	24	0.59 U	0.39 U	0.91
E-SB-1652-0-1	E-SB-1652	0	1	20170127	0.77 U	0.77 U	--	0.76 U	0.77 U	0.71 U	0.42 U	0.82 U	1.3 U	0.79 U	0.66 U	0.64 U	0.42 U	0.99
E-SB-1652-1-2	E-SB-1652	1	2	20170127	0.75 U	0.75 U	--	0.74 U	0.75 U	0.7 U	0.41 U	0.8 U	1.3 U	0.78 U	0.65 U	0.62 U	0.41 U	0.97
E-SB-1653-0-1	E-SB-1653	0	1	20170130	0.72 U	0.72 U	--	0.71 U	0.72 U	0.66 U	0.39 U	0.76 U	1.2 U	0.74 U	0.62 U	0.59 U	0.39 U	0.92
E-SB-1653-1-2	E-SB-1653	1	2	20170130	0.73 U	0.73 U	--	0.72 U	0.73 U	0.67 U	0.4 U	0.78 U	1.3 U	0.75 U	0.63 U	0.6 U	0.4 U	0.94
E-SB-1654-0-1	E-SB-1654	0	1	20170130	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.41 U	0.79 U	1.3 U	0.76 U	4 J	0.61 U	0.41 U	0.95
E-SB-1654-1-2	E-SB-1654	1	2	20170130	0.78 U	0.78 U	--	0.77 U	0.78 U	0.72 U	0.43 U	0.83 U	1.3 U	0.8 U	4.4 J	0.64 U	0.43 U	1
E-SB-1655-0-1	E-SB-1655	0	1	20170126	0.75 U	0.75 U	--	0.73 U	0.75 U	0.69 U	0.41 U	0.79 U	1.3 U	0.77 U	0.64 U	0.62 U	0.41 U	0.96
E-SB-1655-1-2	E-SB-1655	1	2	20170126	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.41 U	0.81 U	1.3 U	0.78 U	0.65 U	0.63 U	0.41 U	0.97
E-SB-1656-0-1	E-SB-1656	0	1	20170126	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.4 U	0.78 U	1.3 U	0.76 U	0.63 U	0.61 U	0.4 U	0.95
E-SB-1656-1-2	E-SB-1656	1	2	20170126	0.81 U	0.81 U	--	0.79 U	0.81 U	0.74 U	0.44 U	0.86 U	1.4 U	0.83 U	0.69 U	0.67 U	0.44 U	1
E-SB-1657-0-1	E-SB-1657	0	1	20170126	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.42 U	0.81 U	1.3 U	0.79 U	0.66 U	0.63 U	0.42 U	0.98
E-SB-1657-1-2	E-SB-1657	1	2	20170126	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.42 U	0.81 U	1.3 U	0.79 U	0.65 U	0.63 U	0.42 U	0.98
E-SB-1658-0-1	E-SB-1658	0	1	20170125	53.854	53.504	--	36	41	67	24	26	44	0.7 U	67	0.56 U	19	0.87
E-SB-1658-1-2	E-SB-1658	1	2	20170125	5.7193	5.3154	--	5.5 J	4.1 J	6.6 J	0.4 U	0.78 U	5.4 J	0.76 U	9.9	0.61 U	0.4 U	0.95
E-SB-1659-0-1	E-SB-1659	0	1	20170126	0.81 U	0.81 U	--	0.79 U	0.81 U	0.74 U	0.44 U	0.86 U	1.4 U	0.83 U	0.69 U	0.67 U	0.44 U	1
E-SB-1659-1-2	E-SB-1659	1	2	20170126	0.78 U	0.78 U	--	0.77 U	0.78 U	0.72 U	0.43 U	0.83 U	1.3 U	0.81 U	0.67 U	0.65 U	0.43 U	1
E-SB-1660-0-1	E-SB-1660	0	1	20170125	1216.47	1216.47	--	820	880	1100	340	450	970	110	1100	35	290	57
E-SB-1660-1-2	E-SB-1660	1	2	20170125	0.71 U	0.71 U	--	0.7 U	0.71 U	0.65 U	0.39 U	0.75 U	1.2 U	0.73 U	4.1 J	0.59 U	0.39 U	0.91
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible]YCLIC [illegible]ATIC ARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1643-0-1	E-SB-1643	0	1	20170126		3200	2800	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126		3000	2400	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	U	0.84 U	0.51 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	U	0.87 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	U	4.9 J	5.6 J	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210		27	45	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	U	0.81 U	0.49 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	U	0.87 U	0.53 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	J	43	81	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	U	6.7 J	9.8	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126		6000	8600	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	U	8	15	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	U	41	82	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	U	0.87 U	5.2 J	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	U	0.83 U	0.5 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	U	0.87 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127		45	25	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	U	19	15	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	U	0.88 U	0.53 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	U	0.86 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	U	0.82 U	0.49 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	U	0.83 U	0.5 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	U	0.85 U	0.51 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	U	0.89 U	0.54 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	U	0.85 U	0.51 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	U	0.86 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	U	0.84 U	0.51 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	U	0.92 U	0.56 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	U	0.87 U	0.53 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	U	0.87 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	U	26	57	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	U	6 J	8.9	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	U	0.92 U	0.55 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	U	0.89 U	0.54 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125		480	1600	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	U	0.81 U	4.8 J	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123		--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-SB-1643-0-1	E-SB-1643	0	1	20170126	--	--	--	--	NORMAL
E-SB-1643-1-2	E-SB-1643	1	2	20170126	--	--	--	--	NORMAL
E-SB-1644-0-1	E-SB-1644	0	1	20170127	--	--	--	--	NORMAL
E-SB-1644-1-2	E-SB-1644	1	2	20170127	--	--	--	--	NORMAL
E-SB-1645-0-1	E-SB-1645	0	1	20170210	--	--	--	--	NORMAL
E-SB-1645-1-2	E-SB-1645	1	2	20170210	--	--	--	--	NORMAL
E-SB-1646-0-1	E-SB-1646	0	1	20170210	--	--	--	--	NORMAL
E-SB-1646-1-2	E-SB-1646	1	2	20170210	--	--	--	--	NORMAL
E-SB-1647-0-1	E-SB-1647	0	1	20170126	--	--	--	--	NORMAL
E-SB-1647-1-2	E-SB-1647	1	2	20170126	--	--	--	--	NORMAL
E-SB-1648-0-1	E-SB-1648	0	1	20170126	--	--	--	--	NORMAL
E-SB-1648-1-2	E-SB-1648	1	2	20170126	--	--	--	--	NORMAL
E-SB-1649-0-1	E-SB-1649	0	1	20170126	--	--	--	--	NORMAL
E-SB-1649-1-2	E-SB-1649	1	2	20170126	--	--	--	--	NORMAL
E-SB-1650-0-1	E-SB-1650	0	1	20170127	--	--	--	--	NORMAL
E-SB-1650-1-2	E-SB-1650	1	2	20170127	--	--	--	--	NORMAL
E-SB-1651-0-1	E-SB-1651	0	1	20170127	--	--	--	--	NORMAL
E-SB-1651-1-2	E-SB-1651	1	2	20170127	--	--	--	--	NORMAL
E-SB-1652-0-1	E-SB-1652	0	1	20170127	--	--	--	--	NORMAL
E-SB-1652-1-2	E-SB-1652	1	2	20170127	--	--	--	--	NORMAL
E-SB-1653-0-1	E-SB-1653	0	1	20170130	--	--	--	--	NORMAL
E-SB-1653-1-2	E-SB-1653	1	2	20170130	--	--	--	--	NORMAL
E-SB-1654-0-1	E-SB-1654	0	1	20170130	--	--	--	--	NORMAL
E-SB-1654-1-2	E-SB-1654	1	2	20170130	--	--	--	--	NORMAL
E-SB-1655-0-1	E-SB-1655	0	1	20170126	--	--	--	--	NORMAL
E-SB-1655-1-2	E-SB-1655	1	2	20170126	--	--	--	--	NORMAL
E-SB-1656-0-1	E-SB-1656	0	1	20170126	--	--	--	--	NORMAL
E-SB-1656-1-2	E-SB-1656	1	2	20170126	--	--	--	--	NORMAL
E-SB-1657-0-1	E-SB-1657	0	1	20170126	--	--	--	--	NORMAL
E-SB-1657-1-2	E-SB-1657	1	2	20170126	--	--	--	--	NORMAL
E-SB-1658-0-1	E-SB-1658	0	1	20170125	--	--	--	--	NORMAL
E-SB-1658-1-2	E-SB-1658	1	2	20170125	--	--	--	--	NORMAL
E-SB-1659-0-1	E-SB-1659	0	1	20170126	--	--	--	--	NORMAL
E-SB-1659-1-2	E-SB-1659	1	2	20170126	--	--	--	--	NORMAL
E-SB-1660-0-1	E-SB-1660	0	1	20170125	--	--	--	--	NORMAL
E-SB-1660-1-2	E-SB-1660	1	2	20170125	--	--	--	--	NORMAL
E-SB-1661-0-1	E-SB-1661	0	1	20170124	--	--	--	--	NORMAL
E-SB-1661-1-2	E-SB-1661	1	2	20170124	--	--	--	--	NORMAL
E-SB-1662-0-1	E-SB-1662	0	1	20170124	--	--	--	--	NORMAL
E-SB-1662-1-2	E-SB-1662	1	2	20170124	--	--	--	--	NORMAL
E-SB-1663-0-1	E-SB-1663	0	1	20170201	--	--	--	--	NORMAL
E-SB-1663-1-2	E-SB-1663	1	2	20170201	--	--	--	--	NORMAL
E-SB-1664-0-1	E-SB-1664	0	1	20170131	--	--	--	--	NORMAL
E-SB-1664-1-2	E-SB-1664	1	2	20170131	--	--	--	--	NORMAL
E-SB-1665-0-1	E-SB-1665	0	1	20170131	--	--	--	--	NORMAL
E-SB-1665-1-2	E-SB-1665	1	2	20170131	--	--	--	--	NORMAL
E-SB-1666-0-1	E-SB-1666	0	1	20170123	--	--	--	--	NORMAL
E-SB-1666-1-2	E-SB-1666	1	2	20170123	--	--	--	--	NORMAL
E-SB-1667-0-1	E-SB-1667	0	1	20170123	--	--	--	--	NORMAL
E-SB-1667-1-2	E-SB-1667	1	2	20170123	--	--	--	--	NORMAL
E-SB-1668-0-1	E-SB-1668	0	1	20170123	--	--	--	--	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	20 U
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	280
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	28 J
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	260
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	20 U
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	20 U
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	26 U	25 U	18 U	22 U	19 U	15 U	20 U
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	38 J
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	20 U
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U	17 U	22 U
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U	16 U	21 U
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	140
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	55 J
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	130 U	120 U	86 U	110 U	91 U	75 U	4600
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	270 U	250 U	180 U	220 U	190 U	150 U	8100
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	26 U	25 U	17 U	22 U	18 U	15 U	740
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	34 J
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	14000 U	13000 U	9000 U	11000 U	9600 U	7900 U	690000
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	2700 U	2600 U	1800 U	2300 U	1900 U	1600 U	200000
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	140 U	130 U	94 U	120 U	100 U	82 U	2900
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U	17 U	420
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	30 U	29 U	20 U	25 U	21 U	18 U	36 J
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	29 U	28 U	20 U	25 U	21 U	17 U	230
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	690 U	660 U	460 U	580 U	490 U	400 U	27000
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U	17 U	79
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	290 U	280 U	190 U	240 U	210 U	170 U	5400
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	56 U	54 U	37 U	47 U	40 U	33 U	1500
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	61 U	58 U	40 U	51 U	43 U	35 U	920
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	25 J
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	150 U	140 U	99 U	120 U	100 U	86 U	3000
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	20 U
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	170 U	160 U	110 U	140 U	120 U	98 U	3300
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	110
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U	17 U	700
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	27 U	25 U	18 U	22 U	19 U	15 U	20 U
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	130 U	130 U	88 U	110 U	94 U	77 U	2400 J
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	30 U	29 U	20 U	25 U	21 U	17 U	22 U
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	160 U	150 U	100 U	130 U	110 U	91 U	3300
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U	16 U	21 U
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	20 U
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	30 U	29 U	20 U	25 U	22 U	18 U	57 J
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	32 U	30 U	21 U	26 U	22 U	18 U	140
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	20 U
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	26.5 U	25.5 U	18 U	22.5 U	19 U	15.5 U	20 U
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	26 U	25 U	18 U	22 U	19 U	15 U	20 U
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	61
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	21 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1668-1-2	E-SB-1668	1	2	20170123	9.1 U	23 U	0 U	90.55	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	9 U	22 U	280	359.5	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	9.5 U	24 U	28	112.25	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	8.9 U	22 U	260	339.45	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	9 U	22 U	0 U	89.5	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	9.1 U	23 U	0 U	90.55	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	8.8 U	22 U	0 U	87.9	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	9.3 U	23 U	38	120.65	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	8.9 U	22 U	0 U	89.45	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	9.6 U	24 U	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1673-1-2	E-SB-1673	1	2	20170124	9.2 U	23 U	0 U	92.6	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	8.9 U	22 U	140	219.45	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	9 U	23 U	55	135.5	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	43 U	110 U	4600	4982.5	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	88 U	220 U	8100	8884	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	8.6 U	22 U	740	816.8	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	8.9 U	22 U	34	113.45	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	4500 U	11000 U	690000	730000	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	900 U	2300 U	200000	208050	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	47 U	120 U	2900	3316.5	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	9.5 U	24 U	420	504.75	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	10 U	25 U	36	125	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	9.8 U	25 U	230	317.4	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	230 U	580 U	27000	29045	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	9.5 U	24 U	79	163.75	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	97 U	240 U	5400	6258.5	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	19 U	47 U	1500	1666.5	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	20 U	51 U	920	1099.5	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	8.9 U	22 U	25	104.45	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	49 U	120 U	3000	3432	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	9.1 U	23 U	0 U	90.55	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	56 U	140 U	3300	3797	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	9.3 U	23 U	110	192.65	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	9.6 U	24 U	700	785.3	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	8.8 U	22 U	0 U	88.4	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	44 U	110 U	2400	2791.5	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	9.9 U	25 U	0 U	99.45	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	52 U	130 U	3300	3761.5	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	9.3 U	23 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	9.2 U	23 U	0 U	92.6	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	9.1 U	23 U	0 U	90.55	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	10 U	25 U	57	146.5	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	11 U	26 U	140	233	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	9.3 U	23 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	9.3 U	23 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	9 U	23 U	0 U	90.5	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210	8.9 U	22.5 U	0 U	89.2	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	8.8 U	22 U	0 U	87.9	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	9.3 U	23 U	0 U	93.15	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	9.1 U	23 U	61	141.55	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	9.5 U	24 U	0 U	94.75	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUALENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible]YCLIC [illegible]ATIC [illegible]ARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					[illegible]KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1668-1-2	E-SB-1668	1	2	20170123		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-1-2	E-SB-1673	1	2	20170124		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201		--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-SB-1668-1-2	E-SB-1668	1	2	20170123	--	--	--	--	NORMAL
E-SB-1669-0-1	E-SB-1669	0	1	20170123	--	--	--	--	NORMAL
E-SB-1669-1-2	E-SB-1669	1	2	20170123	--	--	--	--	NORMAL
E-SB-1670-0-1	E-SB-1670	0	1	20170123	--	--	--	--	NORMAL
E-SB-1670-1-2	E-SB-1670	1	2	20170123	--	--	--	--	NORMAL
E-SB-1671-0-1	E-SB-1671	0	1	20170123	--	--	--	--	NORMAL
E-SB-1671-1-2	E-SB-1671	1	2	20170123	--	--	--	--	NORMAL
E-SB-1672-0-1	E-SB-1672	0	1	20170124	--	--	--	--	NORMAL
E-SB-1672-1-2	E-SB-1672	1	2	20170124	--	--	--	--	NORMAL
E-SB-1673-0-1	E-SB-1673	0	1	20170124	--	--	--	--	NORMAL
E-SB-1673-1-2	E-SB-1673	1	2	20170124	--	--	--	--	NORMAL
E-SB-1674-0-1	E-SB-1674	0	1	20170124	--	--	--	--	NORMAL
E-SB-1674-1-2	E-SB-1674	1	2	20170124	--	--	--	--	NORMAL
E-SB-1675-0-1	E-SB-1675	0	1	20170124	--	--	--	--	NORMAL
E-SB-1675-1-2	E-SB-1675	1	2	20170124	--	--	--	--	NORMAL
E-SB-1676-0-1	E-SB-1676	0	1	20170124	--	--	--	--	NORMAL
E-SB-1676-1-2	E-SB-1676	1	2	20170124	--	--	--	--	NORMAL
E-SB-1677-0-1	E-SB-1677	0	1	20170131	--	--	--	--	NORMAL
E-SB-1677-1-2	E-SB-1677	1	2	20170131	--	--	--	--	NORMAL
E-SB-1678-0-1	E-SB-1678	0	1	20170119	--	--	--	--	NORMAL
E-SB-1678-1-2	E-SB-1678	1	2	20170119	--	--	--	--	NORMAL
E-SB-1679-0-1	E-SB-1679	0	1	20170119	--	--	--	--	NORMAL
E-SB-1679-1-2	E-SB-1679	1	2	20170119	--	--	--	--	NORMAL
E-SB-1680-0-1	E-SB-1680	0	1	20170131	--	--	--	--	NORMAL
E-SB-1680-1-2	E-SB-1680	1	2	20170131	--	--	--	--	NORMAL
E-SB-1681-0-1	E-SB-1681	0	1	20170119	--	--	--	--	NORMAL
E-SB-1681-1-2	E-SB-1681	1	2	20170119	--	--	--	--	NORMAL
E-SB-1682-0-1	E-SB-1682	0	1	20170119	--	--	--	--	NORMAL
E-SB-1682-1-2	E-SB-1682	1	2	20170119	--	--	--	--	NORMAL
E-SB-1683-0-1	E-SB-1683	0	1	20170119	--	--	--	--	NORMAL
E-SB-1683-1-2	E-SB-1683	1	2	20170119	--	--	--	--	NORMAL
E-SB-1684-0-1	E-SB-1684	0	1	20170119	--	--	--	--	NORMAL
E-SB-1684-1-2	E-SB-1684	1	2	20170119	--	--	--	--	NORMAL
E-SB-1685-0-1	E-SB-1685	0	1	20170124	--	--	--	--	NORMAL
E-SB-1685-1-2	E-SB-1685	1	2	20170124	--	--	--	--	NORMAL
E-SB-1686-0-1	E-SB-1686	0	1	20170124	--	--	--	--	NORMAL
E-SB-1686-1-2	E-SB-1686	1	2	20170124	--	--	--	--	NORMAL
E-SB-1687-0-1	E-SB-1687	0	1	20170119	--	--	--	--	NORMAL
E-SB-1687-1-2	E-SB-1687	1	2	20170119	--	--	--	--	NORMAL
E-SB-1688-0-1	E-SB-1688	0	1	20170201	--	--	--	--	NORMAL
E-SB-1688-1-2	E-SB-1688	1	2	20170201	--	--	--	--	NORMAL
E-SB-1689-0-1	E-SB-1689	0	1	20170119	--	--	--	--	NORMAL
E-SB-1689-1-2	E-SB-1689	1	2	20170119	--	--	--	--	NORMAL
E-SB-1690-0-1	E-SB-1690	0	1	20170201	--	--	--	--	NORMAL
E-SB-1690-1-2	E-SB-1690	1	2	20170201	--	--	--	--	NORMAL
E-SB-1691-0-1	E-SB-1691	0	1	20170210	--	--	--	--	NORMAL
E-SB-1691-0-1-AVG	E-SB-1691	0	1	20170210	--	--	--	--	NORMAL
E-SB-1691-0-1-D	E-SB-1691	0	1	20170210	--	--	--	--	NORMAL
E-SB-1691-1-2	E-SB-1691	1	2	20170210	--	--	--	--	NORMAL
E-SB-1692-0-1	E-SB-1692	0	1	20170201	--	--	--	--	NORMAL
E-SB-1692-1-2	E-SB-1692	1	2	20170201	--	--	--	--	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U	16 U	910
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	26 U	25 U	17 U	22 U	18 U	15 U	25 J
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	26 U	25 U	17 U	22 U	18 U	15 U	19 U
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	25 U	24 U	17 U	21 U	18 U	15 U	19 U
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	20 U
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U	17 U	21 U
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	20 U
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	20 U
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	140 U	130 U	94 U	120 U	100 U	82 U	2800
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U	17 U	22 U
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	21 U
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	21 U
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	610 U	580 U	410 U	510 U	430 U	360 U	9700
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	21 U
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	1400 U	1300 U	930 U	1200 U	990 U	81000 J	1000 U
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	13000 U	12000 U	8400 U	10000 U	8900 U	790000 J	9400 U
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	33 J
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	30 J
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	190
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	34 J
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	140 U	130 U	93 U	120 U	98 U	81 U	2700
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	21 U
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U	17 U	190
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U	17 U	51 J
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	1400 U	1400 U	950 U	1200 U	1000 U	830 U	43000

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1693-0-1	E-SB-1693	0	1	20170210	9.2 U	23 U	910	991.6	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	8.7 U	22 U	25	101.85	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	8.7 U	22 U	0 U	86.35	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	8.5 U	21 U	0 U	84.25	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	9 U	22 U	0 U	89.5	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	9.5 U	24 U	0 U	95.25	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	9.1 U	23 U	0 U	90.55	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	9.1 U	23 U	0 U	90.55	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	47 U	120 U	2800	3216.5	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	9.6 U	24 U	0 U	96.3	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	9.1 U	23 U	0 U	91.05	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	9.1 U	23 U	0 U	91.05	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	200 U	510 U	9700	11505	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	9.4 U	24 U	0 U	94.7	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	63	11	120
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	0.87 U	0.4 U	0.89 U
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	73	38	170
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	49	8.3	81
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	0.88 U	0.4 U	0.9 U
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	0.88 U	0.41 U	0.91 U
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	0.81 U	0.37 U	0.83 U
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	0.92 U
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	0.9 U	0.41 U	0.92 U
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	0.9 U	0.41 U	0.92 U
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	0.91 U
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	0.91 U
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	0.9 U	0.42 U	0.92 U
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	0.88 U	0.4 U	0.9 U
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	0.9 U	0.41 U	0.92 U
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	0.9 U	0.41 U	0.92 U
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	0.93 U	0.43 U	0.95 U
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	0.92 U	0.42 U	0.94 U
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	0.96 U	0.44 U	0.99 U
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	0.92 U
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	0.86 U	0.39 U	0.88 U
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	0.91 U	0.42 U	0.94 U
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	0.89 U	0.41 U	0.91 U
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	0.88 U	0.41 U	0.91 U
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	26	11	44
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	0.91 U	0.42 U	4.7 J
E-SB-1713-0-1	E-SB-1713	0	1	20170125	470 U	1200 U	81000	85245	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	4200 U	10000 U	790000	827950	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	9 U	23 U	33	113.5	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	9.1 U	23 U	30	110.55	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	8.9 U	22 U	190	269.45	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	9.3 U	23 U	34	116.65	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	46 U	120 U	2700	3114	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	9.2 U	23 U	0 U	91.1	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	9.6 U	24 U	190	275.3	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	9.6 U	24 U	51	136.3	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	480 U	1200 U	43000	47230	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUAL ENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	703.45	703.45	--	510	490	760	190	290	550	64	1000	44	190	18
E-SB-1700-1-2	E-SB-1700	1	2	20170125	15.0769	14.693	--	14	11	16	7.6	0.78 U	13	0.76 U	26	0.61 U	6.8 J	0.94
E-SB-1701-0-1	E-SB-1701	0	1	20170125	873.66	873.66	--	630	590	720	420	200	660	110	1200	65	360	26
E-SB-1701-1-2	E-SB-1701	1	2	20170125	471.32	471.32	--	350	310	420	230	99	330	63	630	31	200	11
E-SB-1702-0-1	E-SB-1702	0	1	20170130	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.4 U	0.79 U	1.3 U	0.76 U	0.63 U	0.61 U	0.4 U	0.95
E-SB-1702-1-2	E-SB-1702	1	2	20170130	0.75 U	0.75 U	--	0.73 U	0.75 U	0.69 U	0.41 U	0.79 U	1.3 U	0.77 U	0.64 U	0.62 U	0.41 U	0.95
E-SB-1703-0-1	E-SB-1703	0	1	20170130	0.68 U	0.68 U	--	0.67 U	0.68 U	0.63 U	0.37 U	0.72 U	1.2 U	0.7 U	0.59 U	0.56 U	0.37 U	0.87
E-SB-1703-1-2	E-SB-1703	1	2	20170130	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.77 U	0.65 U	0.62 U	0.41 U	0.96
E-SB-1704-0-1	E-SB-1704	0	1	20170130	5.77265	5.32	--	0.75 U	4.6 J	7.2 J	0.41 U	0.8 U	1.3 U	0.78 U	9.3	0.63 U	0.41 U	0.97
E-SB-1704-1-2	E-SB-1704	1	2	20170130	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.41 U	0.81 U	1.3 U	0.78 U	0.65 U	0.63 U	0.41 U	0.97
E-SB-1705-0-1	E-SB-1705	0	1	20170130	25.019	24.634	--	16	19	30	9.7	13	24	0.77 U	27	0.62 U	8.8	7.8
E-SB-1705-1-2	E-SB-1705	1	2	20170130	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.77 U	0.64 U	0.62 U	0.41 U	0.96
E-SB-1706-0-1	E-SB-1706	0	1	20170130	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.42 U	0.81 U	1.3 U	0.78 U	0.65 U	0.63 U	0.42 U	0.97
E-SB-1706-1-2	E-SB-1706	1	2	20170130	0.74 U	0.74 U	--	0.73 U	0.74 U	0.68 U	0.4 U	0.78 U	1.3 U	0.76 U	0.63 U	0.61 U	0.4 U	0.95
E-SB-1707-0-1	E-SB-1707	0	1	20170127	0.76 U	0.76 U	--	0.75 U	0.76 U	0.7 U	0.41 U	0.81 U	1.3 U	0.78 U	0.65 U	0.63 U	0.41 U	0.97
E-SB-1707-1-2	E-SB-1707	1	2	20170127	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.78 U	0.65 U	0.62 U	0.41 U	0.97
E-SB-1708-0-1	E-SB-1708	0	1	20170126	0.78 U	0.78 U	--	0.77 U	0.78 U	0.72 U	0.43 U	0.83 U	1.3 U	0.8 U	0.67 U	0.65 U	0.43 U	1
E-SB-1708-1-2	E-SB-1708	1	2	20170126	0.77 U	0.77 U	--	0.76 U	0.77 U	0.71 U	0.42 U	0.82 U	1.3 U	0.8 U	0.66 U	0.64 U	0.42 U	0.99
E-SB-1709-0-1	E-SB-1709	0	1	20170126	0.81 U	0.81 U	--	0.8 U	0.81 U	0.75 U	0.44 U	0.86 U	1.4 U	0.83 U	0.69 U	0.67 U	0.44 U	1
E-SB-1709-1-2	E-SB-1709	1	2	20170126	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.78 U	0.65 U	0.62 U	0.41 U	0.97
E-SB-1710-0-1	E-SB-1710	0	1	20170126	0.72 U	0.72 U	--	0.71 U	0.72 U	0.67 U	0.39 U	0.77 U	1.2 U	0.74 U	0.62 U	0.6 U	0.39 U	0.92
E-SB-1710-1-2	E-SB-1710	1	2	20170126	0.77 U	0.77 U	--	0.76 U	0.77 U	0.71 U	0.42 U	0.82 U	1.3 U	0.79 U	0.66 U	0.64 U	0.42 U	0.99
E-SB-1711-0-1	E-SB-1711	0	1	20170127	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.77 U	0.64 U	0.62 U	0.41 U	0.96
E-SB-1711-1-2	E-SB-1711	1	2	20170127	0.74 U	0.74 U	--	0.73 U	0.74 U	0.69 U	0.41 U	0.79 U	1.3 U	0.77 U	0.64 U	0.62 U	0.41 U	0.95
E-SB-1712-0-1	E-SB-1712	0	1	20170126	495.71	495.71	--	290	320	480	260	140	310	73	550	20	240	9.6
E-SB-1712-1-2	E-SB-1712	1	2	20170126	70.515	70.515	--	36	42	79	45	17	45	13	44	0.64 U	38	22
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible]CYCLIC [illegible]MATIC ARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1693-0-1	E-SB-1693	0	1	20170210		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125		530	850	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	U	14	22	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125		780	1200	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125		360	530	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	U	0.84 U	0.51 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	U	0.85 U	0.51 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	U	0.78 U	0.47 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-1-2	E-SB-1703	1	2	20170130	U	0.86 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	U	5 J	9.1	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	U	0.87 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130		15	23	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	U	0.86 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	U	0.87 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	U	0.84 U	0.51 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	U	0.87 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	U	0.86 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	U	0.89 U	0.54 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	U	0.88 U	0.53 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	U	0.92 U	0.56 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	U	0.86 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	U	0.82 U	0.5 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	U	0.88 U	0.53 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	U	0.85 U	0.51 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	U	0.85 U	0.51 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126		250	440	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126		31	33	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110		--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-SB-1693-0-1	E-SB-1693	0	1	20170210	--	--	--	--	NORMAL
E-SB-1693-1-2	E-SB-1693	1	2	20170210	--	--	--	--	NORMAL
E-SB-1694-0-1	E-SB-1694	0	1	20170210	--	--	--	--	NORMAL
E-SB-1694-1-2	E-SB-1694	1	2	20170210	--	--	--	--	NORMAL
E-SB-1695-0-1	E-SB-1695	0	1	20170210	--	--	--	--	NORMAL
E-SB-1695-1-2	E-SB-1695	1	2	20170210	--	--	--	--	NORMAL
E-SB-1696-0-1	E-SB-1696	0	1	20170201	--	--	--	--	NORMAL
E-SB-1696-1-2	E-SB-1696	1	2	20170201	--	--	--	--	NORMAL
E-SB-1697-0-1	E-SB-1697	0	1	20170201	--	--	--	--	NORMAL
E-SB-1697-1-2	E-SB-1697	1	2	20170201	--	--	--	--	NORMAL
E-SB-1698-0-1	E-SB-1698	0	1	20170201	--	--	--	--	NORMAL
E-SB-1698-1-2	E-SB-1698	1	2	20170201	--	--	--	--	NORMAL
E-SB-1699-0-1	E-SB-1699	0	1	20170201	--	--	--	--	NORMAL
E-SB-1699-1-2	E-SB-1699	1	2	20170201	--	--	--	--	NORMAL
E-SB-1700-0-1	E-SB-1700	0	1	20170125	--	--	--	--	NORMAL
E-SB-1700-1-2	E-SB-1700	1	2	20170125	--	--	--	--	NORMAL
E-SB-1701-0-1	E-SB-1701	0	1	20170125	--	--	--	--	NORMAL
E-SB-1701-1-2	E-SB-1701	1	2	20170125	--	--	--	--	NORMAL
E-SB-1702-0-1	E-SB-1702	0	1	20170130	--	--	--	--	NORMAL
E-SB-1702-1-2	E-SB-1702	1	2	20170130	--	--	--	--	NORMAL
E-SB-1703-0-1	E-SB-1703	0	1	20170130	--	--	--	--	NORMAL
E-SB-1703-1-2	E-SB-1703	1	2	20170130	--	--	--	--	NORMAL
E-SB-1704-0-1	E-SB-1704	0	1	20170130	--	--	--	--	NORMAL
E-SB-1704-1-2	E-SB-1704	1	2	20170130	--	--	--	--	NORMAL
E-SB-1705-0-1	E-SB-1705	0	1	20170130	--	--	--	--	NORMAL
E-SB-1705-1-2	E-SB-1705	1	2	20170130	--	--	--	--	NORMAL
E-SB-1706-0-1	E-SB-1706	0	1	20170130	--	--	--	--	NORMAL
E-SB-1706-1-2	E-SB-1706	1	2	20170130	--	--	--	--	NORMAL
E-SB-1707-0-1	E-SB-1707	0	1	20170127	--	--	--	--	NORMAL
E-SB-1707-1-2	E-SB-1707	1	2	20170127	--	--	--	--	NORMAL
E-SB-1708-0-1	E-SB-1708	0	1	20170126	--	--	--	--	NORMAL
E-SB-1708-1-2	E-SB-1708	1	2	20170126	--	--	--	--	NORMAL
E-SB-1709-0-1	E-SB-1709	0	1	20170126	--	--	--	--	NORMAL
E-SB-1709-1-2	E-SB-1709	1	2	20170126	--	--	--	--	NORMAL
E-SB-1710-0-1	E-SB-1710	0	1	20170126	--	--	--	--	NORMAL
E-SB-1710-1-2	E-SB-1710	1	2	20170126	--	--	--	--	NORMAL
E-SB-1711-0-1	E-SB-1711	0	1	20170127	--	--	--	--	NORMAL
E-SB-1711-1-2	E-SB-1711	1	2	20170127	--	--	--	--	NORMAL
E-SB-1712-0-1	E-SB-1712	0	1	20170126	--	--	--	--	NORMAL
E-SB-1712-1-2	E-SB-1712	1	2	20170126	--	--	--	--	NORMAL
E-SB-1713-0-1	E-SB-1713	0	1	20170125	--	--	--	--	NORMAL
E-SB-1713-1-2	E-SB-1713	1	2	20170125	--	--	--	--	NORMAL
E-SB-1714-0-1	E-SB-1714	0	1	20170207	--	--	--	--	NORMAL
E-SB-1714-1-2	E-SB-1714	1	2	20170207	--	--	--	--	NORMAL
E-SB-1715-0-1	E-SB-1715	0	1	20170207	--	--	--	--	NORMAL
E-SB-1715-1-2	E-SB-1715	1	2	20170207	--	--	--	--	NORMAL
E-SB-1716-0-1	E-SB-1716	0	1	20170125	--	--	--	--	NORMAL
E-SB-1716-1-2	E-SB-1716	1	2	20170125	--	--	--	--	NORMAL
E-SB-1717-0-1	E-SB-1717	0	1	20170207	--	--	--	--	NORMAL
E-SB-1717-1-2	E-SB-1717	1	2	20170207	--	--	--	--	NORMAL
E-SB-1720-0-1	E-SB-1720	0	1	20171110	--	--	--	--	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	80 U	80 U	80 U	80 U	80 U	80 U	80 U	80 U	80 U	80 U	80 U	80 U	80 U
E-SB-828-SS	SB-828	0	1	20100916	170 J	85 J	77 U	77 U	260 J	77 U	77 U	86 J	200 J	77 U	77 U	160 J	170 J
E-SB-829-SS	SB-829	0	1	20100917	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	0.53 UJ	2.8 J	58 J	2.6 J	0.24 J	18 J	9.5	12	--	8.5 J-	--	0.02 UJ	0.32 J	22	0.38 UJ
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	0.51 UJ	3.1 J	18 J	0.52 U	0.022 UJ	8.8 J	7.4	3.5	--	3.5 J-	--	0.02 UJ	0.47 J	5.2	0.36 UJ
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	80 U	80 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	77 U	110 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	77 U	77 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	0.07 UJ	1.5 J	--	--	--	--	--	19 J-	62 J	--	--	--	8.4	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	0.066 UJ	0.25 J	--	--	--	--	--	14 J-	15 J	--	--	--	5.7	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	520 U	500 U	350 U	440 U	370 U	310 U	25000
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	520 U	490 U	340 U	430 U	360 U	300 U	15000
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	270 U	260 U	180 U	230 U	190 U	160 U	7900
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	32 J
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U	17 U	21 U
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	2900 U	2800 U	1900 U	2400 U	2100 U	1700 U	68000
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	1300 U	1200 U	850 U	1100 U	900 U	740 U	43000
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	300 U	290 U	200 U	250 U	210 U	12000 J	220 U
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	52 U	50 U	34 U	43 U	37 U	30 U	2000 J
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	530 U	510 U	350 U	440 U	380 U	310 U	26000 J
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	1300 U	1300 U	870 U	1100 U	930 U	35000 J	980 U
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	28000 U	27000 U	19000 U	23000 U	20000 U	930000 J	21000 U
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	1400 U	1300 U	910 U	1100 U	970 U	39000 J	1000 U
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	130 U	130 U	89 U	110 U	95 U	3700 J	100 U
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	270 U	260 U	180 U	220 U	190 U	12000 J	200 U
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	1100 J	20 U
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	26 U	25 U	17 U	22 U	18 U	250 J	20 U
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	1400 U	1400 U	940 U	1200 U	1000 U	820 U	43000 J
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	550 U	530 U	370 U	460 U	390 U	25000 J	410 U
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	290 U	270 U	190 U	240 U	200 U	9300	220 U
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	980 U	940 U	650 U	810 U	690 U	39000	730 U
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	140 U	130 U	91 U	110 U	96 U	3900	100 U
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	2700 U	2500 U	1800 U	2200 U	1900 U	59000	2000 U
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	23 J
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	480
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	190 J	21 U
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U	17 U	48 J
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U	17 U	440
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	20 U
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	85
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	20 U
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	19 U	19 U
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	22 U	17 U	15 U	14 U	18 U	18 U	18 U
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	23 U	17 U	15 U	14 U	19 U	19 U	19 U
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	21 J
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	38 J
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	20 U
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	34 J
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	35 J
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 UJ
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	19 U	19 U
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	110 U	85 U	75 U	69 U	91 U	91 U	690
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	23 U	17 U	15 U	14 U	18 U	18 U	220
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	500 U	380 U	340 U	310 U	410 U	410 U	1700
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	82
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	26 U	19 U	17 U	16 U	21 U	21 U	21 U
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	25000 U	19000 U	17000 U	16000 U	20000 U	20000 U	360000
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	2500 U	1900 U	1700 U	1600 U	2100 U	2100 U	25000

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1722-0-1	E-SB-1722	0	1	20171112	170 U	440 U	25000	26550	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	170 U	430 U	15000	16520	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	91 U	230 U	7900	8705.5	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	9.3 U	23 U	32	114.65	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	9.5 U	24 U	0 U	95.25	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	970 U	2400 U	68000	76585	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	420 U	1100 U	43000	46805	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	100 U	250 U	12000	12910	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	17 U	43 U	2000	2153	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	180 U	440 U	26000	27570	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	440 U	1100 U	35000	39010	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	9300 U	23000 U	930000	1015150	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	460 U	1100 U	39000	43120	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	45 U	110 U	3700	4104.5	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	89 U	220 U	12000	12814.5	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	9 U	22 U	1100	1181.5	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	8.7 U	22 U	250	329.35	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	470 U	1200 U	43000	47215	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	180 U	460 U	25000	26675	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	96 U	240 U	9300	10173	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	330 U	810 U	39000	41970	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	45 U	110 U	3900	4311	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	890 U	2200 U	59000	67095	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	9.1 U	23 U	23	103.55	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	9 U	23 U	480	560.5	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	9.3 U	23 U	190	275.15	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	9.5 U	24 U	48	132.75	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	9.7 U	24 U	440	525.85	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	9 U	23 U	0 U	90.5	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	9 U	22 U	85	164.5	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	9 U	22 U	0 U	89.5	--	--	--	--	--	--	--	--	--	--
E-SB-818-SS	SB-818	0	1	20100915	--	--	0 U	64	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	0 U	61	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	0 U	63	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	21	78	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	0 U	67.5	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	38	98.5	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	0 U	67	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	34	92.5	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	35	91.5	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	0 U	64	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	690	950.5	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	220	272.5	--	8900000 J	440	--	--	140 U	140 U	140 U	140 U	140 U
E-SB-833B-02	SB-833B	2	2	20101012	--	--	1700	2875	--	--	55 U	--	--	4 U	4 U	4 U	4 U	4 U
E-SB-833C-02	SB-833C	2	2	20101012	--	--	82	139.5	--	--	--	--	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-833D-02	SB-833D	2	2	20101012	--	--	0 U	70.5	--	--	--	--	--	4 U	4 U	4 U	4 U	4 U
E-SB-833E-02	SB-833E	2	2	20101012	--	--	360000	418500	--	640000 J	64 J	--	--	4 U	4 U	4 U	4 U	4 U
E-SB-833F-02	SB-833F	2	2	20101012	--	--	25000	30950	--	150000 J	56 U	--	--	4 U	4 U	4 U	4 U	4 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUALENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	140 U	140 U	--	140 U	140 U	140 U	140 U	140 U	48 U	140 U	660	140 U	140 U	410
E-SB-833B-02	SB-833B	2	2	20101012	4 U	4 U	--	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U	4 U	4 U	4 U	93
E-SB-833C-02	SB-833C	2	2	20101012	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9
E-SB-833D-02	SB-833D	2	2	20101012	7.045	2.825	--	15	4 U	13	4 U	4 U	25	4 U	42	8.8	4 U	33
E-SB-833E-02	SB-833E	2	2	20101012	4 U	4 U	--	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U	4 U	4 U	4 U	31
E-SB-833F-02	SB-833F	2	2	20101012	4 U	4 U	--	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U	4 U	4 U	4 U	4

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible]YCLIC [illegible]ATIC [illegible]ARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					[illegible]KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1722-0-1	E-SB-1722	0	1	20171112		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-SS	SB-818	0	1	20100915		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012		140 U	950	2020	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012		4 U	4 U	93	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	U	3.9 U	3.9 U	0 U	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012		4 U	30	166.8	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012		4 U	4 U	31	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	U	4 U	4 U	0 U	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	--	--	--	--	--	--	--	--	--	--	0.65 U	0.58 U	0.35 U	--
E-SB-833B-02	SB-833B	2	2	20101012	--	--	--	--	--	--	--	--	--	--	0.53 U	0.48 U	0.29 U	--
E-SB-833C-02	SB-833C	2	2	20101012	--	--	--	--	--	--	--	--	--	--	0.47 U	0.43 U	0.26 U	--
E-SB-833D-02	SB-833D	2	2	20101012	--	--	--	--	--	--	--	--	--	--	0.5 U	0.45 U	0.27 U	--
E-SB-833E-02	SB-833E	2	2	20101012	--	--	--	--	--	--	--	--	--	--	370 U	840 U	360 U	--
E-SB-833F-02	SB-833F	2	2	20101012	--	--	--	--	--	--	--	--	--	--	8 U	18 U	7.8 U	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	1.4 U	0.37 U	0.54 U	0.31 U	0.4 U	0.94 U	0.18 U	0.36 B	0.68 U	1.4 U	0.52 U	0.37 U	0.35 U	0.72 U	--	0.36 U	0.35 U
E-SB-833B-02	SB-833B	2	2	20101012	1.1 U	0.31 U	0.44 U	0.26 U	140	0.77 U	0.68 B	140 J	0.55 U	1.1 U	0.43 U	3.4 J	0.29 U	0.59 U	--	21	0.29 U
E-SB-833C-02	SB-833C	2	2	20101012	0.99 U	0.27 U	0.4 U	0.23 U	0.29 U	0.68 U	0.6 B	1.1 B	0.49 U	0.99 U	0.38 U	0.27 U	0.26 U	0.52 U	--	0.27 U	0.26 U
E-SB-833D-02	SB-833D	2	2	20101012	1 U	0.29 U	0.42 U	0.24 U	0.31 U	0.72 U	0.14 U	0.52 B	0.52 U	1 U	0.4 U	0.29 U	0.27 U	0.55 U	--	0.28 U	0.27 U
E-SB-833E-02	SB-833E	2	2	20101012	1600 U	680 U	720 U	400 U	39000	840 U	6.8 U	2E+05	200 U	2000 U	400 U	970 J	400 U	330 U	--	190 U	880 U
E-SB-833F-02	SB-833F	2	2	20101012	34 U	15 U	16 U	8.7 U	280 J	18 U	0.15 U	1200	4.4 U	44 U	8.7 U	26 J	8.7 U	7.2 U	--	4.2 U	19 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	0.69 U	0.98 U	1.5 U	1.5 U	0.42 U	0.66 U	0.43 U	0.22 U	0.56 U	6.8 B	0.24 U	0.34 U	0.74 U	0.29 U	0.34 U	0.56 U	0.46 U	0.39 U
E-SB-833B-02	SB-833B	2	2	20101012	12	0.8 U	1.2 U	1.2 U	0.34 U	0.54 U	0.35 U	0.18 U	0.46 U	7.7 B	0.2 U	0.28 U	0.6 U	0.24 U	0.28 U	0.46 U	0.37 U	0.32 U
E-SB-833C-02	SB-833C	2	2	20101012	0.5 U	0.71 U	1.1 U	1.1 U	0.3 U	0.48 U	0.31 U	0.16 U	0.41 U	4.8 U	0.17 U	0.25 U	0.54 U	0.21 U	0.25 U	0.41 U	0.33 U	0.28 U
E-SB-833D-02	SB-833D	2	2	20101012	0.53 U	0.75 U	3.2 B	1.1 U	0.32 U	0.51 U	0.33 U	0.17 U	0.43 U	25 B	0.18 U	0.26 U	0.57 U	0.22 U	0.26 U	0.43 U	0.35 U	0.3 U
E-SB-833E-02	SB-833E	2	2	20101012	1500 J	930 U	1700 U	1700 UR	360 U	800 U	400 U	190 U	1900 U	6800 U	480 U	520 U	520 U	400 U	760 U	1200 U	480 U	260 U
E-SB-833F-02	SB-833F	2	2	20101012	42 J	20 U	38 U	38 U	7.9 U	17 U	8.7 U	4.2 U	42 U	230 J	10 U	11 U	11 U	8.7 U	17 U	25 U	10 U	5.6 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	0.34 U	0.57 U	0.9 U	0.3 U	0.43 U	0.37 U	0.35 U	0.66 U	0.52 U	1.6 U	0.23 U	0.27 U	1.2 U	0.17 U	1.2 U	--	0.45 U
E-SB-833B-02	SB-833B	2	2	20101012	0.28 U	0.47 U	0.73 U	0.25 U	0.35 U	0.31 U	0.29 U	0.54 U	0.43 U	1.3 U	0.19 U	0.22 U	1 U	0.14 U	1 U	--	0.37 U
E-SB-833C-02	SB-833C	2	2	20101012	0.25 U	0.42 U	0.65 U	0.22 U	0.31 U	0.27 U	0.26 U	0.48 U	0.38 U	1.1 U	0.17 U	0.2 U	0.91 U	0.12 U	0.91 U	--	0.33 U
E-SB-833D-02	SB-833D	2	2	20101012	0.26 U	0.44 U	0.69 U	0.23 U	0.33 U	0.29 U	0.27 U	0.51 U	0.4 U	1.2 U	0.18 U	0.21 U	0.96 U	0.13 U	0.96 U	--	0.35 U
E-SB-833E-02	SB-833E	2	2	20101012	260 U	480 U	2500 U	350 U	560 U	280 U	320 U	560 U	640 U	2000 U	8.8 U	220 U	560 U	260 U	250 U	--	290 U
E-SB-833F-02	SB-833F	2	2	20101012	5.6 U	10 U	53 U	7.7 U	12 U	6 U	6.9 U	12 U	14 U	44 U	0.19 U	4.7 U	12 U	5.7 U	5.4 U	--	6.2 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-02	SB-833A	2	2	20101012	0.7 U	0.2 U	0.24 U	0.42 U	0.36 U	0.19 U	0.16 U	0.39 U	0.3 U	7.9 UR	0.54 U	--	0.28 U	0.7 U	--	0.43 U	0.56 U
E-SB-833B-02	SB-833B	2	2	20101012	0.57 U	0.16 U	0.2 U	0.34 U	0.3 U	0.15 U	0.13 U	0.32 U	0.25 U	6.5 UR	0.44 U	--	0.23 U	0.57 U	--	0.35 U	0.46 U
E-SB-833C-02	SB-833C	2	2	20101012	0.51 U	0.14 U	0.17 U	0.3 U	0.27 U	0.14 U	0.11 U	0.28 U	0.22 U	5.8 UR	0.4 U	--	0.21 U	0.51 U	--	0.31 U	0.41 U
E-SB-833D-02	SB-833D	2	2	20101012	0.54 U	0.15 U	0.18 U	0.32 U	0.28 U	0.14 U	0.12 U	0.3 U	0.23 U	6.1 UR	0.42 U	--	0.22 U	0.54 U	--	0.33 U	0.43 U
E-SB-833E-02	SB-833E	2	2	20101012	3100 U	270 U	320 U	560 U	340 U	190 U	230 U	15 U	260 U	9700 UR	480 U	--	680 U	330 U	--	370 U	800 U
E-SB-833F-02	SB-833F	2	2	20101012	88 J	5.9 U	7 U	12 U	7.4 U	4.1 U	4.9 U	0.32 U	5.7 U	210 UR	10 U	--	15 U	7.1 U	--	8 U	17 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-SB-1722-0-1	E-SB-1722	0	1	20171112	--	--	--	--	NORMAL
E-SB-1722-1-2	E-SB-1722	1	2	20171112	--	--	--	--	NORMAL
E-SB-1723-0-1	E-SB-1723	0	1	20171111	--	--	--	--	NORMAL
E-SB-1729-0-1	E-SB-1729	0	1	20171109	--	--	--	--	NORMAL
E-SB-1729-1-2	E-SB-1729	1	2	20171109	--	--	--	--	NORMAL
E-SB-1738-0-1	E-SB-1738	0	1	20171110	--	--	--	--	NORMAL
E-SB-1738-1-2	E-SB-1738	1	2	20171110	--	--	--	--	NORMAL
E-SB-1742-0-1	E-SB-1742	0	1	20171112	--	--	--	--	NORMAL
E-SB-1742-1-2	E-SB-1742	1	2	20171112	--	--	--	--	NORMAL
E-SB-1743-0-1	E-SB-1743	0	1	20171112	--	--	--	--	NORMAL
E-SB-1743-1-2	E-SB-1743	1	2	20171112	--	--	--	--	NORMAL
E-SB-1744-0-1	E-SB-1744	0	1	20171112	--	--	--	--	NORMAL
E-SB-1744-1-2	E-SB-1744	1	2	20171112	--	--	--	--	NORMAL
E-SB-1745-0-1	E-SB-1745	0	1	20171112	--	--	--	--	NORMAL
E-SB-1745-1-2	E-SB-1745	1	2	20171112	--	--	--	--	NORMAL
E-SB-1746-0-1	E-SB-1746	0	1	20171112	--	--	--	--	NORMAL
E-SB-1746-1-2	E-SB-1746	1	2	20171112	--	--	--	--	NORMAL
E-SB-1748-0-1	E-SB-1748	0	1	20171112	--	--	--	--	NORMAL
E-SB-1748-1-2	E-SB-1748	1	2	20171112	--	--	--	--	NORMAL
E-SB-1749-0-1	E-SB-1749	0	1	20171112	--	--	--	--	NORMAL
E-SB-1749-1-2	E-SB-1749	1	2	20171112	--	--	--	--	NORMAL
E-SB-1751-0-2	E-SB-1751	0	2	20171112	--	--	--	--	NORMAL
E-SB-1754-0-2	E-SB-1754	0	2	20171112	--	--	--	--	NORMAL
E-SB-1783-00-01	E-SB-1783	0	1	20171106	--	--	--	--	NORMAL
E-SB-1784-00-01	E-SB-1784	0	1	20171106	--	--	--	--	NORMAL
E-SB-1785-00-01	E-SB-1785	0	1	20171106	--	--	--	--	NORMAL
E-SB-1786-00-01	E-SB-1786	0	1	20171106	--	--	--	--	NORMAL
E-SB-1787-00-01	E-SB-1787	0	1	20171106	--	--	--	--	NORMAL
E-SB-1788-00-01	E-SB-1788	0	1	20171106	--	--	--	--	NORMAL
E-SB-1789-00-01	E-SB-1789	0	1	20171106	--	--	--	--	NORMAL
E-SB-1790-00-01	E-SB-1790	0	1	20171106	--	--	--	--	NORMAL
E-SB-818-SS	SB-818	0	1	20100915	--	--	--	--	NORMAL
E-SB-819-SS	SB-819	0	1	20100915	--	--	--	--	NORMAL
E-SB-820-SS	SB-820	0	1	20100915	--	--	--	--	NORMAL
E-SB-821-SS	SB-821	0	1	20100916	--	--	--	--	NORMAL
E-SB-822-SS	SB-822	0	1	20100915	--	--	--	--	NORMAL
E-SB-823-SS	SB-823	0	1	20100915	--	--	--	--	NORMAL
E-SB-824-SS	SB-824	0	1	20100915	--	--	--	--	NORMAL
E-SB-825-SS	SB-825	0	1	20100913	--	--	--	--	NORMAL
E-SB-827-SS	SB-827	0	1	20100916	--	--	--	--	NORMAL
E-SB-828-SS	SB-828	0	1	20100916	--	--	--	--	NORMAL
E-SB-829-SS	SB-829	0	1	20100917	--	--	--	--	NORMAL
E-SB-830-SS	SB-830	0	1	20100914	--	--	--	--	NORMAL
E-SB-831-SS	SB-831	0	1	20100913	--	--	--	--	BACKFILL
E-SB-832-SS	SB-832	0	1	20100917	--	--	--	--	NORMAL
E-SB-833A-02	SB-833A	2	2	20101012	0.44 U	0.35 U	0.26 U	0.41 U	NORMAL
E-SB-833B-02	SB-833B	2	2	20101012	0.36 U	0.29 U	0.21 U	0.33 U	NORMAL
E-SB-833C-02	SB-833C	2	2	20101012	0.32 U	0.26 U	0.19 U	0.3 U	NORMAL
E-SB-833D-02	SB-833D	2	2	20101012	0.34 U	0.27 U	0.2 U	0.31 U	NORMAL
E-SB-833E-02	SB-833E	2	2	20101012	390 U	640 U	930 U	720 U	NORMAL
E-SB-833F-02	SB-833F	2	2	20101012	8.5 U	14 U	20 U	16 U	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	85 U	85 U	85 U	85 U	85 U	85 U	85 U	96 J	85 U	85 U	85 U	85 U	85 U
E-SB-834-SS	SB-834	0	1	20100916	75 U	75 U	75 U	75 U	75 U	75 U	75 U	75 U	75 U	75 U	75 U	75 U	75 U
E-SB-835-SS	SB-835	0	1	20100917	120 J	150 J	80 U	88 J	80 U	80 U	80 U	80 U	80 U	80 U	80 U	80 U	80 U
E-SB-836-SS	SB-836	0	1	20100917	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	85 U	85 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	75 U	75 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	80 U	80 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	81 U	81 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	57
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	23 J
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	250 U	190 U	170 U	150 U	200 U	200 U	3000
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	49000 U	37000 U	32000 U	30000 U	39000 U	39000 U	680000
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	26 J
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	250 U	190 U	160 U	150 U	200 U	200 U	1300
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	31 J
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	27 U	20 U	18 U	16 U	22 U	22 U	22 U
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	250 U	190 U	170 U	160 U	200 U	200 U	910
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	130
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	19 U	26 J
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	19 U	19 U
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	6600 U	5000 U	4400 U	4100 U	5300 U	5300 U	41000
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	23 U	17 U	15 U	14 U	18 U	18 U	120
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	2200 U	1700 U	1500 U	1400 U	1800 U	1800 U	25000
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	23 U	18 U	15 U	14 U	19 U	19 U	19 U
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	240 U	180 U	160 U	150 U	190 U	190 U	2300
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	11000 U	8500 U	7500 U	6900 U	9100 U	9100 U	37000
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	53
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	22 U	17 U	15 U	14 U	18 U	18 U	64
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	7300 U	9400 U	8400 U	8000 U	4700 U	7000 U	3E+06
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	15 U	19 U	17 U	16 U	9.3 U	14 U	5900 K
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	1.3 U	1.7 U	1.5 U	1.5 U	0.84 U	1.3 U	230 J
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	770 U	980 U	880 U	840 U	490 U	730 U	400000 J
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	1185 U	1490 U	1340 U	1270 U	745 U	1115 U	540000
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	1600 U	2000 U	1800 U	1700 U	1000 U	1500 U	680000 J
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	1400 U	1800 U	1600 U	1600 U	900 U	1400 U	880000
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	28 U	37 U	33 U	31 U	18 U	27 U	18000 K
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	1.4 U	1.8 U	1.7 U	1.6 U	0.91 U	1.4 U	1600 J
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	1.4 U	1.7 U	1.6 U	1.5 U	0.87 U	1.3 U	580 J
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	3200 U	4100 U	3700 U	3500 U	2000 U	3000 U	1E+06
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.5 U	0.89 U	1.3 U	2200 J
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	28 U	36 U	33 U	31 U	18 U	27 U	17000 K
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	1.3 U	1.7 U	1.5 U	1.4 U	0.84 U	1.3 U	930 J
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	3 U	3.9 U	3.5 U	3.3 U	1.9 U	2.9 U	1900
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	2.8 U	3.6 U	3.2 U	3.1 U	1.8 U	2.7 U	84 J
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	16 U	20 U	18 U	17 U	9.9 U	15 U	7700 L
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	2.6 U	3.4 U	3 U	2.9 U	1.7 U	2.5 U	280 J
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	2.65 U	3.4 U	3.05 U	2.9 U	1.7 U	2.55 U	285
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	2.7 U	3.4 U	3.1 U	2.9 U	1.7 U	2.6 U	290 J
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	290 U	370 U	330 U	310 U	180 U	270 U	110000 J
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	290 U	370 U	335 U	315 U	185 U	275 U	280000
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	290 U	370 U	340 U	320 U	190 U	280 U	450000 J
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	2.7 U	3.4 U	3.1 U	2.9 U	1.7 U	2.6 U	860
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	320 U	410 U	370 U	350 U	200 U	300 U	170000
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	2.7 U	3.4 U	3.1 U	2.9 U	1.7 U	2.6 U	1600
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	670 U	860 U	770 U	730 U	420 U	640 U	480000 K
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	2.7 U	3.5 U	3.1 U	3 U	1.7 U	2.6 U	3100
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	150 U	190 U	170 U	160 U	96 U	140 U	75000

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-833G-02	SB-833G	2	2	20101012	--	--	57	115	--	--	--	--	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-833H-02	SB-833H	2	2	20101012	--	--	23	78.5	--	--	--	--	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-833J-02	SB-833J	2	2	20101013	--	--	3000	3580	--	--	--	--	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-833K-02	SB-833K	2	2	20101013	--	--	680000	793000	--	1400000 K	1400	--	--	38 U	38 U	98	38 U	240
E-SB-833L-02	SB-833L	2	2	20101013	--	--	26	84	--	--	--	--	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-833M-02	SB-833M	2	2	20101013	--	--	1300	1875	--	--	--	--	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-833N-02	SB-833N	2	2	20101014	--	--	31	89	--	--	--	--	--	39 U	39 U	39 U	39 U	39 U
E-SB-833-SS	SB-833	0	1	20100916	--	--	0 U	73.5	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	910	1495	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	130	188.5	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	26	80.5	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	0 U	64	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	41000	56350	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	120	172.5	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	25000	30200	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	0 U	63.5	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	0 U	65	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	2300	2855	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	37000	63050	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	53	108.5	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	64	116	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	3300000	3322400	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	5900	5945.15	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	230	234.07	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	400000	402345	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	540000	543573	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	680000	684800	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	880000	884350	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	18000	18087	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	1600	1604.41	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	580	584.185	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	1100000	1109750	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	2200	2204.25	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	17000	17086.5	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	930	934.02	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	1900	1909.25	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	84	92.6	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	7700	7747.95	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	280	288.05	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	285	293.125	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	290	298.2	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	110000	110875	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	280000	280885	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	450000	450895	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	860	868.2	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	170000	170975	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	1600	1608.2	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	480000	482045	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	3100	3108.3	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	75000	75453	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUALENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-SB-833G-02	SB-833G	2	2	20101012	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9
E-SB-833H-02	SB-833H	2	2	20101012	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7
E-SB-833J-02	SB-833J	2	2	20101013	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9
E-SB-833K-02	SB-833K	2	2	20101013	1787.5	1787.5	--	1300	1200	1700	850	630	1200	210	2000	38 U	700	38
E-SB-833L-02	SB-833L	2	2	20101013	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9
E-SB-833M-02	SB-833M	2	2	20101013	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9
E-SB-833N-02	SB-833N	2	2	20101014	39 U	39 U	--	39 U	39 U	39 U	39 U	39 U	13 U	39 U	520	39 U	39 U	39
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible] ARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-833G-02	SB-833G	2	2	20101012	U	3.9 U	3.9 U	0 U	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	U	3.7 U	3.7 U	0 U	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	U	3.9 U	3.9 U	0 U	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	U	800	1600	12528	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	U	3.9 U	3.9 U	0 U	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	U	3.9 U	3.9 U	0 U	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	U	39 U	290	810	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805		--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-833G-02	SB-833G	2	2	20101012	--	--	--	--	--	--	--	--	--	--	0.5 U	0.46 U	0.28 U	--
E-SB-833H-02	SB-833H	2	2	20101012	--	--	--	--	--	--	--	--	--	--	0.54 U	0.49 U	0.3 U	--
E-SB-833J-02	SB-833J	2	2	20101013	--	--	--	--	--	--	--	--	--	--	6.9 U	16 U	6.7 U	--
E-SB-833K-02	SB-833K	2	2	20101013	--	--	--	--	--	--	--	--	--	--	380 U	880 U	370 U	--
E-SB-833L-02	SB-833L	2	2	20101013	--	--	--	--	--	--	--	--	--	--	7.4 U	17 U	7.3 U	--
E-SB-833M-02	SB-833M	2	2	20101013	--	--	--	--	--	--	--	--	--	--	0.54 U	0.49 U	0.3 U	--
E-SB-833N-02	SB-833N	2	2	20101014	--	--	--	--	--	--	--	--	--	--	0.5 U	0.45 U	0.28 U	--
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-833G-02	SB-833G	2	2	20101012	1.1 U	0.29 U	0.42 U	0.24 U	0.31 U	0.73 U	0.14 U	0.68 B	0.53 U	1.1 U	0.41 U	0.29 U	0.28 U	0.56 U	--	0.33 J	0.28 U
E-SB-833H-02	SB-833H	2	2	20101012	1.1 U	0.31 U	0.45 U	0.26 U	0.33 U	0.78 U	0.15 U	1.1 B	0.57 U	1.1 U	0.44 U	0.31 U	0.3 U	0.6 U	--	0.31 U	0.3 U
E-SB-833J-02	SB-833J	2	2	20101013	30 U	13 U	14 U	7.6 U	47 J	16 U	0.13 U	260	3.8 U	38 U	7.6 U	6.5 U	7.6 U	6.2 U	--	11 J	17 U
E-SB-833K-02	SB-833K	2	2	20101013	1600 U	710 U	750 U	420 U	43000 J	880 U	7.1 U	2E+05	210 U	2100 U	420 U	360 U	420 U	340 U	--	1100 J	920 U
E-SB-833L-02	SB-833L	2	2	20101013	32 U	14 U	15 U	8.2 U	300 J	17 U	0.14 U	1600	4.1 U	41 U	8.2 U	22 J	8.2 U	6.7 U	--	3.9 U	18 U
E-SB-833M-02	SB-833M	2	2	20101013	1.1 U	0.32 U	0.46 U	0.26 U	11 J	0.79 U	0.15 U	47 J	0.57 U	1.1 U	0.44 U	0.32 U	0.3 U	0.6 U	--	0.31 U	0.3 U
E-SB-833N-02	SB-833N	2	2	20101014	1.1 U	0.29 U	0.42 U	0.24 U	0.31 U	0.73 U	0.14 U	0.22 U	0.53 U	1.1 U	0.41 U	0.29 U	0.28 U	0.56 U	--	0.28 U	0.28 U
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-833G-02	SB-833G	2	2	20101012	1.3 J	0.77 U	1.1 U	1.1 U	0.33 U	0.51 U	0.33 U	0.17 U	0.44 U	5.1 U	0.19 U	0.27 U	0.58 U	0.23 U	0.27 U	0.44 U	0.36 U	0.3 U
E-SB-833H-02	SB-833H	2	2	20101012	0.58 U	0.82 U	1.2 U	1.2 U	0.35 U	0.55 U	0.36 U	0.18 U	0.47 U	8.4 B	0.2 U	0.29 U	0.62 U	0.24 U	0.29 U	0.47 U	0.38 U	0.32 U
E-SB-833J-02	SB-833J	2	2	20101013	12 J	17 U	88 J	33 U	6.8 U	15 U	7.5 U	3.6 U	36 U	220 B	9.1 U	9.8 U	9.8 U	7.5 U	14 U	22 U	9.1 U	4.8 U
E-SB-833K-02	SB-833K	2	2	20101013	2700 J	960 U	1800 U	1800 U	380 U	840 U	410 U	200 U	2000 U	9800 B	500 U	540 U	540 U	410 U	790 U	1200 U	500 U	270 U
E-SB-833L-02	SB-833L	2	2	20101013	38 J	19 U	35 U	35 U	7.4 U	16 U	8.1 U	3.9 U	39 U	160 B	9.8 U	11 U	11 U	8.1 U	16 U	24 U	9.8 U	5.2 U
E-SB-833M-02	SB-833M	2	2	20101013	0.58 U	0.82 U	1.2 U	1.2 UJ	0.35 U	0.55 U	0.36 U	0.18 U	0.47 U	5.5 U	0.2 U	0.29 U	0.62 U	0.25 U	0.29 U	0.47 U	0.39 U	0.32 U
E-SB-833N-02	SB-833N	2	2	20101014	0.53 U	0.76 U	1.1 U	1.1 UR	0.32 U	0.51 U	0.33 U	0.17 U	0.44 U	13 J	0.19 U	0.27 U	0.58 U	0.23 U	0.27 U	0.44 U	0.36 U	0.3 U
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-833G-02	SB-833G	2	2	20101012	12	0.45 U	0.7 U	0.24 U	0.33 U	0.29 U	0.28 U	0.51 U	0.41 U	1.2 U	0.18 U	0.21 U	0.98 U	0.13 U	0.98 U	--	0.35 U
E-SB-833H-02	SB-833H	2	2	20101012	0.29 U	0.48 U	0.75 U	0.25 U	0.36 U	0.31 U	0.3 U	0.55 U	0.44 U	1.3 U	0.19 U	0.23 U	1 U	0.14 U	1 U	--	0.37 U
E-SB-833J-02	SB-833J	2	2	20101013	4.8 U	9.1 U	46 U	6.7 U	11 U	5.2 U	6 U	11 U	12 U	38 U	0.17 U	4.1 U	11 U	4.9 U	4.7 U	--	5.4 U
E-SB-833K-02	SB-833K	2	2	20101013	270 U	500 U	2500 U	370 U	580 U	290 U	330 U	580 U	670 U	2100 U	9.2 U	230 U	580 U	270 U	260 U	--	300 U
E-SB-833L-02	SB-833L	2	2	20101013	5.2 U	9.8 U	50 U	7.2 U	11 U	5.6 U	6.5 U	11 U	13 U	41 U	0.18 U	4.4 U	11 U	5.3 U	5.1 U	--	5.8 U
E-SB-833M-02	SB-833M	2	2	20101013	0.29 U	0.48 U	0.75 U	0.25 U	0.36 U	0.32 U	0.3 U	0.55 U	0.44 U	1.3 U	0.19 U	0.23 U	1.1 U	0.14 U	1.1 U	--	0.38 U
E-SB-833N-02	SB-833N	2	2	20101014	0.27 U	0.45 U	0.7 U	0.24 U	0.33 U	0.29 U	0.28 U	0.51 U	0.41 U	1.2 U	0.18 U	0.21 U	0.97 U	0.13 U	0.97 U	--	0.35 U
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-833G-02	SB-833G	2	2	20101012	0.55 U	0.15 U	0.19 U	0.33 U	0.28 U	0.15 U	0.12 U	0.3 U	0.24 U	6.2 UR	0.42 U	--	0.22 U	0.55 U	--	0.33 U	0.44 U
E-SB-833H-02	SB-833H	2	2	20101012	0.58 U	0.17 U	0.2 U	0.35 U	0.31 U	0.16 U	0.13 U	0.32 U	0.25 U	6.6 UR	0.45 U	--	0.24 U	0.58 U	--	0.36 U	0.47 U
E-SB-833J-02	SB-833J	2	2	20101013	58 U	5.1 U	6.1 U	11 U	6.4 U	3.6 U	4.2 U	0.28 U	4.9 U	390 J	9.1 U	--	13 U	6.1 U	--	7 U	15 U
E-SB-833K-02	SB-833K	2	2	20101013	3200 U	280 U	330 U	580 U	360 U	200 U	230 U	15 U	270 U	#### UR	500 U	--	710 U	340 U	--	380 U	840 U
E-SB-833L-02	SB-833L	2	2	20101013	63 U	5.5 U	6.5 U	11 U	6.9 U	3.8 U	4.6 U	0.3 U	5.3 U	620 J	9.8 U	--	14 U	6.6 U	--	7.5 U	16 U
E-SB-833M-02	SB-833M	2	2	20101013	0.59 U	0.17 U	0.2 U	0.35 U	0.31 U	0.16 U	0.13 U	0.32 U	0.25 U	6.7 UR	0.46 U	--	0.31 J	0.59 U	--	0.36 U	0.47 U
E-SB-833N-02	SB-833N	2	2	20101014	0.54 U	2.1 B	0.19 U	0.32 U	0.28 U	0.15 U	0.12 U	0.3 U	0.24 U	6.2 UR	1.8 J	--	0.22 U	0.54 U	--	0.33 U	0.44 U
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-SB-833G-02	SB-833G	2	2	20101012	0.34 U	0.28 U	0.2 U	0.32 U	NORMAL
E-SB-833H-02	SB-833H	2	2	20101012	0.37 U	0.3 U	0.22 U	0.34 U	NORMAL
E-SB-833J-02	SB-833J	2	2	20101013	7.3 U	12 U	17 U	14 U	NORMAL
E-SB-833K-02	SB-833K	2	2	20101013	410 U	670 U	960 U	750 U	NORMAL
E-SB-833L-02	SB-833L	2	2	20101013	7.9 U	13 U	19 U	15 U	NORMAL
E-SB-833M-02	SB-833M	2	2	20101013	0.37 U	0.3 U	0.22 U	0.34 U	NORMAL
E-SB-833N-02	SB-833N	2	2	20101014	0.34 U	0.28 U	0.2 UR	0.32 U	NORMAL
E-SB-833-SS	SB-833	0	1	20100916	--	--	--	--	NORMAL
E-SB-834-SS	SB-834	0	1	20100916	--	--	--	--	NORMAL
E-SB-835-SS	SB-835	0	1	20100917	--	--	--	--	NORMAL
E-SB-836-SS	SB-836	0	1	20100917	--	--	--	--	NORMAL
E-SB-837-SS	SB-837	0	1	20100917	--	--	--	--	NORMAL
E-SB-838-SS	SB-838	0	1	20100913	--	--	--	--	BACKFILL
E-SB-839-SS	SB-839	0	1	20100914	--	--	--	--	NORMAL
E-SB-840-SS	SB-840	0	1	20100914	--	--	--	--	NORMAL
E-SB-841-SS	SB-841	0	1	20100914	--	--	--	--	NORMAL
E-SB-842-SS	SB-842	0	1	20100913	--	--	--	--	NORMAL
E-SB-843-SS	SB-843	0	1	20100914	--	--	--	--	BACKFILL
E-SB-844-SS	SB-844	0	1	20100914	--	--	--	--	NORMAL
E-SB-845-SS	SB-845	0	1	20100913	--	--	--	--	NORMAL
E-SB-846-SS	SB-846	0	1	20100913	--	--	--	--	NORMAL
E-SB-847-SS	SB-847	0	1	20100913	--	--	--	--	BACKFILL
E-SB-852-01	SB-852	0	1	20110713	--	--	--	--	NORMAL
E-SB-860-SB-0.0-0.5	SB-860	0	0.5	20110804	--	--	--	--	NORMAL
E-SB-860-SB-0.5-2.0	SB-860	0.5	2	20110804	--	--	--	--	NORMAL
E-SB-861-SB-0.0-0.5	SB-861	0	0.5	20110804	--	--	--	--	NORMAL
E-SB-861-SB-0.0-0.5-	SB-861	0	0.5	20110804	--	--	--	--	NORMAL
E-SB-861-SB-0.0-0.5-D	SB-861	0	0.5	20110804	--	--	--	--	NORMAL
E-SB-862-SB-0.0-0.5	SB-862	0	0.5	20110804	--	--	--	--	NORMAL
E-SB-862-SB-0.5-2.0	SB-862	0.5	2	20110804	--	--	--	--	NORMAL
E-SB-863-SB-0.0-0.5	SB-863	0	0.5	20110804	--	--	--	--	NORMAL
E-SB-863-SB-0.5-2.0	SB-863	0.5	2	20110804	--	--	--	--	NORMAL
E-SB-864-SB-0.0-0.5	SB-864	0	0.5	20110804	--	--	--	--	NORMAL
E-SB-864-SB-0.5-2.0	SB-864	0.5	2	20110804	--	--	--	--	NORMAL
E-SB-865-SB-0.0-0.5	SB-865	0	0.5	20110804	--	--	--	--	NORMAL
E-SB-865-SB-0.5-2.0	SB-865	0.5	2	20110804	--	--	--	--	NORMAL
E-SB-866-SB-0.0-0.5	SB-866	0	0.5	20110805	--	--	--	--	NORMAL
E-SB-866-SB-0.5-2.0	SB-866	0.5	2	20110805	--	--	--	--	NORMAL
E-SB-867-SB-0.0-0.5	SB-867	0	0.5	20110805	--	--	--	--	NORMAL
E-SB-867-SB-0.5-2.0	SB-867	0.5	2	20110805	--	--	--	--	NORMAL
E-SB-867-SB-0.5-2.0-	SB-867	0.5	2	20110805	--	--	--	--	NORMAL
E-SB-867-SB-0.5-2.0-D	SB-867	0.5	2	20110805	--	--	--	--	NORMAL
E-SB-868-SB-0.0-0.5	SB-868	0	0.5	20110805	--	--	--	--	NORMAL
E-SB-868-SB-0.0-0.5-	SB-868	0	0.5	20110805	--	--	--	--	NORMAL
E-SB-868-SB-0.0-0.5-D	SB-868	0	0.5	20110805	--	--	--	--	NORMAL
E-SB-868-SB-0.5-2.0	SB-868	0.5	2	20110805	--	--	--	--	NORMAL
E-SB-869-SB-0.0-0.5	SB-869	0	0.5	20110805	--	--	--	--	NORMAL
E-SB-869-SB-0.5-2.0	SB-869	0.5	2	20110805	--	--	--	--	NORMAL
E-SB-870-SB-0.0-0.5	SB-870	0	0.5	20110805	--	--	--	--	NORMAL
E-SB-870-SB-0.5-2.0	SB-870	0.5	2	20110805	--	--	--	--	NORMAL
E-SB-871-SB-0.0-0.5	SB-871	0	0.5	20110805	--	--	--	--	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	2.8 U	3.6 U	3.2 U	3.1 U	1.8 U	2.7 U	3700 J
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	240 J
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	19 U	320 J
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	120 U	90 U	79 U	73 U	96 U	96 U	2000 J
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	120 U	90 U	79 U	73 U	95 U	910 J	95 U
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	24000 U	18000 U	16000 U	15000 U	19000 U	320000	19000 U
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	140
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	110 U	87 U	76 U	71 U	93 U	93 U	870
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	230 U	170 U	150 U	140 U	180 U	180 U	1600
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	240 U	180 U	160 U	150 U	190 U	190 U	2800
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	220 U	170 U	150 U	140 U	180 U	180 U	3900
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	240 U	180 U	160 U	150 U	190 U	1400	190 U
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	240 U	180 U	160 U	150 U	200 U	200 U	4200
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	19 U	52
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	28 U	21 U	19 U	17 U	23 U	23 U	23 U
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	120 U	90 U	79 U	73 U	95 U	95 U	790
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	23 U	18 U	16 U	15 U	19 U	19 U	19 U
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	37
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	19 U	19 U
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	86
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	19 U	19 U
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	23 U	17 U	15 U	14 U	19 U	19 U	19 U
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	22 U	17 U	15 U	14 U	18 U	18 U	18 J
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	19 U	19 U
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	23 U	17 U	15 U	14 U	18 U	18 U	18 U
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	23 U	17 U	15 U	14 U	18 U	18 U	18 U
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	110 U	85 U	74 U	69 U	90 U	90 U	540
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	1200 U	880 U	770 U	710 U	930 U	930 U	7100
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	130
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	4700 U	3600 U	3100 U	2900 U	3800 U	3800 U	22000
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	230 U	180 U	150 U	140 U	190 U	190 U	2200
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	4700 U	3600 U	3100 U	2900 U	3800 U	3800 U	39000
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	2200 U	1700 U	1500 U	1400 U	1800 U	1800 U	22000
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	1500 U	1100 U	980 U	910 U	1200 U	1200 U	15000
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	22 U	17 U	15 U	14 U	18 U	18 U	29 J
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	110 U	85 U	74 U	69 U	90 U	90 U	740
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	23 U	18 U	16 U	15 U	19 U	19 U	19 U
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	23 U	18 U	15 U	14 U	19 U	19 U	19 U
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	23 U	17 U	15 U	14 U	19 U	19 U	19 U
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	19 U	19 U
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	3700	3708.6	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	240	297.5	--	--	--	46 U	19000 B	3.9 U	3.9 U	3.9 U	3.9 U	14
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	320	374.5	--	--	--	47 U	15000 B	3.7 U	3.8 J	4 J	7 J	12
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	2000	2277	--	--	--	43 U	29000 B	6 J	10	8	21	26
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	910	1186	--	--	--	53 U	43000 B	4.4 J	8	11	7.3 J	28
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	320000	375500	--	--	--	470	2400000	35	24	3.7 U	3.7 U	24
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	140	195.5	--	--	--	47 U	14000 B	3.7 U	3.7 U	9.7	3.7 U	20
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	870	1135	--	--	--	44 U	14000 B	3.7 J	4.6 J	20	3.8 J	34
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	1600	2125	--	--	--	76 J	28000 B	3.6 U	6.1 J	12	6.6 J	33
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	2800	3355	--	--	--	57 U	15000 B	4.3 J	4.1 J	3.8 U	4.7 J	3.8 U
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	3900	4420	--	--	--	79	26000 B	3.6 U	3.6 U	6.4 J	3.6 U	19
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	1400	1955	--	--	--	41 U	28000 B	4.8 J	6.7 J	43	6.8 J	110
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	4200	4765	--	--	--	49 J	110000	16 J	21	130	35	320
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	52	106.5	--	--	--	51 J	13000 B	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	0 U	77	--	--	--	72 J	17000 B	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	790	1066	--	--	--	44 U	10000 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	0 U	64.5	--	--	--	40 U	10000 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	37	92.5	--	--	--	44 U	12000 B	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	0 U	64	--	--	--	37 U	10000 UJ	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	86	141.5	--	--	--	40 U	11000 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	0 U	64	--	--	--	39 U	65000	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	0 U	63	--	--	--	47 B	10000 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	18	70	--	--	--	46 B	9900 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	0 U	64	--	--	--	43 B	10000 U	3.7 UJ	3.7 UJ	3.7 UJ	3.7 UJ	3.7 UJ
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	0 U	61.5	--	--	--	48 B	10000 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	0 U	61.5	--	--	--	35 U	9900 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	540	799	--	--	--	--	--	3.5 U	3.5 U	8.9	3.5 U	14
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	7100	9810	--	--	--	--	--	11	12	48	25	97
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	130	186.5	--	--	--	--	--	3.8 U	3.8 U	3.8 U	3.8 U	7.9
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	22000	32950	--	--	--	--	--	37	48	280	15 U	520
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	2200	2740	--	--	--	--	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	39000	49950	--	--	--	--	--	49	63	170	90	390
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	22000	27200	--	--	--	--	--	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	15000	18445	--	--	--	--	--	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	29	81	--	--	--	--	--	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	740	999	--	--	--	--	--	3.4 U	3.4 U	8.2	10	24
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	0 U	64.5	--	--	--	--	--	11	18	5.2 J	3.6 U	5.2 J
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	0 U	63.5	--	--	--	--	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	0 U	65	--	--	--	--	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	0 U	63	--	--	--	--	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	0 U	64	--	--	--	--	--	3.6 U	3.6 U	3.6 U	3.6 U	5.6 J
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	0 U	65	--	--	--	--	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUAL ENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	95.26	93.31	--	69	72	93	56	42	90	3.9 U	140	3.9 U	46	3.9
E-SB-887-0-2	E-SB-887	0	2	20120530	81.634	81.634	--	59	55	70	39	37	64	9.7	100	3.7 U	36	4.4
E-SB-888-0-2	E-SB-888	0	2	20120530	179.74	179.74	--	120	120	160	96	71	130	23	210	9.7	79	15
E-SB-889-0-2	E-SB-889	0	2	20120530	179.75	179.75	--	120	120	160	95	82	130	23	210	9.3	78	6.7
E-SB-890-0-2	E-SB-890	0	2	20120530	61.768	59.918	--	28	47	64	74	27	48	3.7 U	3.7 U	3.7 U	34	17
E-SB-891-0-2	E-SB-891	0	2	20120530	188.06	188.06	--	130	130	160	88	52	140	21	250	7.5	74	3.7
E-SB-892-0-2	E-SB-892	0	2	20120529	204.64	204.64	--	150	140	190	84	79	150	22	280	14	77	11
E-SB-893-0-2	E-SB-893	0	2	20120530	133.98	132.18	--	110	100	140	84	47	110	3.6 U	230	10	66	9.1
E-SB-894-0-2	E-SB-894	0	2	20120530	32.779	30.879	--	16	25	18	27	6.5 J	14	3.8 U	23	3.8 U	24	7
E-SB-895-0-2	E-SB-895	0	2	20120530	118.261	116.461	--	90	89	120	68	58	81	3.6 U	160	5.3 J	58	4.3
E-SB-896-0-2	E-SB-896	0	2	20120529	462.24	462.24	--	370	310	430	190	190	340	53	730	38	170	8.5
E-SB-897-0-2	E-SB-897	0	2	20120529	2103.9	2103.9	--	1500	1400	2100	920	930	1600	250	3200	100	830	32
E-SB-898-0-2	E-SB-898	0	2	20120530	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U	4.5 J	3.7 U	3.7 U	3.7
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	4.4 U	4.4 U	--	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	1.5 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4
E-SB-900-0-2	E-SB-900	0	2	20120531	31.565	29.715	--	13	23	28	25	9.9	16	3.7 U	29	3.7 U	25	3.7
E-SB-901-0-2	E-SB-901	0	2	20120531	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7
E-SB-902-0-2	E-SB-902	0	2	20120530	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8
E-SB-903-0-2	E-SB-903	0	2	20120531	3.6 U	3.6 U	--	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	1.2 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6
E-SB-904-0-2	E-SB-904	0	2	20120531	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8
E-SB-905-0-2	E-SB-905	0	2	20120531	18.281	16.481	--	9	12	11	28	6.3 J	18	3.6 U	120	3.6 U	24	3.6
E-SB-906-0-2	E-SB-906	0	2	20120531	5.838	2.058	--	8.9	3.6 U	11	3.6 U	5.4 J	14	3.6 U	55	3.6 U	3.6 U	3.6
E-SB-907-0-2	E-SB-907	0	2	20120531	3.5 U	3.5 U	--	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	1.2 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5
E-SB-908-0-2	E-SB-908	0	2	20120531	3.7 U	3.7 U	--	3.7 UJ	3.7 UJ	3.7 UJ	3.7 UJ	3.7 UJ	1.2 UJ	3.7 UJ	3.7 UJ	3.7 UJ	3.7 UJ	3.7
E-SB-909-0-2	E-SB-909	0	2	20120531	3.6 U	3.6 U	--	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	1.2 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6
E-SB-910-0-2	E-SB-910	0	2	20120531	3.6 U	3.6 U	--	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	1.2 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	76.195	74.445	--	62	56	83	40	38	65	3.5 U	120	8.8	35	4.1
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	754.94	754.94	--	510 J	490	820	350	440	540 J	95	1100	41	320	16
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	29.122	27.222	--	20	21	29	14	10	22	3.8 U	34	3.8 U	12	3.8
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	1212.7	1212.7	--	950	830	1000	470	560	1100	130	2200	250	510	63
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	34.96	33.11	--	24	26	30	19	18	30	3.7 U	46	3.7 U	15	3.7
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	3466.9	3466.9	--	2300	2400	3400	1800	1400	2900	330	4900	150	1500	110
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	38.416	36.666	--	22	28	39	27	23	36	3.5 U	45	3.5 U	23	7.4
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	46.522	44.772	--	28	34	51	26	23	42	3.5 U	51	3.5 U	26	3.5
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	3.5 U	3.5 U	--	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	1.2 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	236.2	236.2	--	170	160	240	140	100	200	23	290	3.4 U	110	9.6
E-SB-960-1-2	E-SB-960	1	2	20120628	20.396	18.596	--	17	14	18	12	12	16	3.6 U	29	5.5 J	9.6	25
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U	5.7 J	3.7 U	3.7 U	5.6
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	7.3237	5.0852	--	3.7 U	4.5 J	5.8 J	3.7 U	3.7 U	5.2 J	3.7 U	8	3.7 U	3.7 U	3.7
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	31.075	29.275	--	21	22	33	18	15	25	3.6 U	43	3.6 U	17	3.6
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	4.9791	0.89	--	3.7 U	3.7 U	8.9	3.7 U	3.7 U	1.2 U	3.7 U	10	3.7 U	3.7 U	3.7
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible]YCLIC [illegible]ATIC ARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	U	68	130	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	J	50	92	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530		100	190	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	J	100	180	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530		30	120	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	U	120	240	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529		150	220	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530		110	170	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	J	13	23	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	J	64	110	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529		460	550	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529		1500	2400	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	U	3.7 U	3.7 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	U	4.4 U	4.4 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	U	12	24	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	U	3.7 U	3.7 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	U	3.8 U	3.8 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	U	3.6 U	3.6 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	U	3.8 U	3.8 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	U	130	71	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	U	47	30	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	U	3.5 U	3.5 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	UJ	3.7 UJ	3.7 UJ	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	U	3.6 U	3.6 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	U	3.6 U	3.6 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	J	73	95	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629		560	800 J	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	U	30	30	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628		2000	1600	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	U	22	41	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628		2200	4300	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628		24	41	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	U	24	44	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	U	3.5 U	3.5 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628		130	290	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628		25	23	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	U	3.7 U	3.7 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	J	3.7 U	3.9 J	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	U	5.2 J	8.4	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	U	24	36	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	U	3.7 U	7.4 J	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627		--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	0.336 J	0.132 J	0.468 J	--	--	1.03	--	--	0.0214 U	--	0.167 J	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	0.821 J	0.538 J	0.701 J	--	--	0.369 J	--	--	0.0559 U	--	0.257 J	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	0.802 J	0.468 J	0.648 J	--	--	0.268 J	--	--	0.00938 U	--	0.387 J	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	0.566 J	0.361 J	0.617 J	--	--	0.73 J	--	--	0.00474 U	--	0.875 J	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	0.858 J	0.535 J	0.603 J	--	--	0.184 U	--	--	-0.0067 U	--	0.335 J	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	0.543 J	0.396 J	0.602 J	--	--	0.404 J	--	--	0.0136 U	--	0.366 J	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	0.797 J	0.46 J	0.576 J	--	--	0.483 J	--	--	0.0226 U	--	0.436 J	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	0.567 J	0.523 J	0.621 J	--	--	0.365 J	--	--	0.0566 U	--	0.29 J	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	0.294 J	0.103 J	0.252 J	--	--	0.191 J	--	--	0.0105 U	--	0.105 J	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-SB-871-SB-0.5-2.0	SB-871	0.5	2	20110805	--	--	--	--	NORMAL
E-SB-886-0-2	E-SB-886	0	2	20120530	--	--	--	--	BACKFILL
E-SB-887-0-2	E-SB-887	0	2	20120530	--	--	--	--	BACKFILL
E-SB-888-0-2	E-SB-888	0	2	20120530	--	--	--	--	BACKFILL
E-SB-889-0-2	E-SB-889	0	2	20120530	--	--	--	--	BACKFILL
E-SB-890-0-2	E-SB-890	0	2	20120530	--	--	--	--	BACKFILL
E-SB-891-0-2	E-SB-891	0	2	20120530	--	--	--	--	BACKFILL
E-SB-892-0-2	E-SB-892	0	2	20120529	--	--	--	--	BACKFILL
E-SB-893-0-2	E-SB-893	0	2	20120530	--	--	--	--	NORMAL
E-SB-894-0-2	E-SB-894	0	2	20120530	--	--	--	--	NORMAL
E-SB-895-0-2	E-SB-895	0	2	20120530	--	--	--	--	BACKFILL
E-SB-896-0-2	E-SB-896	0	2	20120529	--	--	--	--	BACKFILL
E-SB-897-0-2	E-SB-897	0	2	20120529	--	--	--	--	BACKFILL
E-SB-898-0-2	E-SB-898	0	2	20120530	--	--	--	--	BACKFILL
E-SB-899-0.7-2	E-SB-899	0.7	2	20120529	--	--	--	--	NORMAL
E-SB-900-0-2	E-SB-900	0	2	20120531	--	--	--	--	NORMAL
E-SB-901-0-2	E-SB-901	0	2	20120531	--	--	--	--	NORMAL
E-SB-902-0-2	E-SB-902	0	2	20120530	--	--	--	--	NORMAL
E-SB-903-0-2	E-SB-903	0	2	20120531	--	--	--	--	NORMAL
E-SB-904-0-2	E-SB-904	0	2	20120531	--	--	--	--	NORMAL
E-SB-905-0-2	E-SB-905	0	2	20120531	--	--	--	--	NORMAL
E-SB-906-0-2	E-SB-906	0	2	20120531	--	--	--	--	BACKFILL
E-SB-907-0-2	E-SB-907	0	2	20120531	--	--	--	--	BACKFILL
E-SB-908-0-2	E-SB-908	0	2	20120531	--	--	--	--	NORMAL
E-SB-909-0-2	E-SB-909	0	2	20120531	--	--	--	--	BACKFILL
E-SB-910-0-2	E-SB-910	0	2	20120531	--	--	--	--	NORMAL
E-SB-955-0.5-2	E-SB-955	0.5	2	20120629	--	--	--	--	NORMAL
E-SB-955-0.5-2-RAD	E-SB-955	0.5	2	20120629	--	--	--	--	NORMAL
E-SB-955-0-0.5	E-SB-955	0	0.5	20120629	--	--	--	--	NORMAL
E-SB-956-0.5-2	E-SB-956	0.5	2	20120628	--	--	--	--	NORMAL
E-SB-956-0-0.5	E-SB-956	0	0.5	20120628	--	--	--	--	NORMAL
E-SB-957-0.5-2	E-SB-957	0.5	2	20120628	--	--	--	--	NORMAL
E-SB-957-0-0.5	E-SB-957	0	0.5	20120628	--	--	--	--	NORMAL
E-SB-958-0.5-2	E-SB-958	0.5	2	20120628	--	--	--	--	NORMAL
E-SB-958-0.5-2-RAD	E-SB-958	0.5	2	20120628	--	--	--	--	NORMAL
E-SB-958-0-0.5	E-SB-958	0	0.5	20120628	--	--	--	--	NORMAL
E-SB-959-0.5-2	E-SB-959	0.5	2	20120628	--	--	--	--	NORMAL
E-SB-959-0-0.5	E-SB-959	0	0.5	20120628	--	--	--	--	NORMAL
E-SB-960-1-2	E-SB-960	1	2	20120628	--	--	--	--	NORMAL
E-SB-960-1-2-RAD	E-SB-960	1	2	20120628	--	--	--	--	NORMAL
E-SB-961-1-2	E-SB-961	1	2	20120628	--	--	--	--	NORMAL
E-SB-961-1-2-RAD	E-SB-961	1	2	20120628	--	--	--	--	NORMAL
E-SB-962-1-2	E-SB-962	1	2	20120628	--	--	--	--	NORMAL
E-SB-962-1-2-RAD	E-SB-962	1	2	20120628	--	--	--	--	NORMAL
E-SB-963-0.5-2.0-RAD	E-SB-963	0.5	2	20120627	--	--	--	--	NORMAL
E-SB-964-1.5-2.0-RAD	E-SB-964	1.5	2	20120627	--	--	--	--	NORMAL
E-SB-968-0.5-2	E-SB-968	0.5	2	20120627	--	--	--	--	NORMAL
E-SB-968-0.5-2.0-RAD	E-SB-968	0.5	2	20120627	--	--	--	--	NORMAL
E-SB-968-0-0.5	E-SB-968	0	0.5	20120627	--	--	--	--	NORMAL
E-SB-969-0.5-2	E-SB-969	0.5	2	20120627	--	--	--	--	NORMAL
E-SB-969-0-5-2.0-RAD	E-SB-969	0.5	2	20120627	--	--	--	--	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	6.2	3.6	90	0.64	3.4	30	4.4	48	--	450	--	2.4	1.5 J	21	0.56 J
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	0.7 J	0.59 U	--	--	--	--	--	33	450	--	--	0.29 U	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	23 U	18 U	16 U	15 U	19 U	19 U	19 U
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	180 U	130 U	120 U	110 U	140 U	140 U	720
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	22 J
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	230 U	170 U	150 U	140 U	180 U	180 U	1300
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	23 U	17 U	15 U	14 U	18 U	18 U	39
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	29000 U	22000 U	19000 U	18000 U	23000 U	23000 U	320000
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	1200 U	930 U	810 U	750 U	980 U	980 U	7600
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	11000 U	8600 U	7600 U	7000 U	9200 U	9200 U	87000
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	23 U	18 U	15 U	14 U	19 U	19 U	210
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	11000 U	8700 U	7600 U	7000 U	9200 U	9200 U	35000
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	4400 U	3300 U	2900 U	2700 U	3600 U	3600 U	27000
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	2200 U	1700 U	1500 U	1400 U	1800 U	1800 U	16000
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	11000 U	8100 U	7100 U	6600 U	39000	8600 U	97000
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	32 J
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	4600 U	3500 U	3000 U	2800 U	3700 U	3700 U	55000
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	240 U	190 U	160 U	150 U	200 U	200 U	730
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	40000 U	31000 U	27000 U	25000 U	33000 U	33000 U	800000
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	44000 U	34000 U	30000 U	27000 U	36000 U	36000 U	720000
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	11000 U	8100 U	7100 U	6600 U	8700 U	8700 U	110000
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	23 U	17 U	15 U	14 U	19 U	19 U	220
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	430 U	330 U	290 U	270 U	350 U	350 U	8000
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	81
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	110000 U	87000 U	76000 U	70000 U	92000 U	92000 U	990000
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	120 U	94 U	82 U	77 U	100 U	100 U	920
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	120 U	89 U	78 U	73 U	95 U	95 U	240
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	120 U	93 U	82 U	76 U	99 U	99 U	410
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	480 U	360 U	320 U	290 U	380 U	380 U	3700
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	4700 U	3600 U	3100 U	2900 U	3800 U	3800 U	34000
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	12000 U	8900 U	7700 U	7200 U	9400 U	9400 U	60000
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	54
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	4500 U	3500 U	3000 U	2800 U	3700 U	3700 U	22000
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	480 U	360 U	320 U	300 U	390 U	390 U	2500
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	1100 U	870 U	760 U	710 U	920 U	920 U	14000

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	0 U	64.5	--	--	--	--	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	0 U	65	--	--	--	--	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	0 U	65	--	--	--	--	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	720	1130	--	--	--	--	--	16	20	79	29	160
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	22	78.5	--	--	--	--	--	4.7 J	7.1 J	48	3.8 U	78
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	1300	1825	--	--	--	--	--	55 J	62 J	470	86	1000
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	39	91.5	--	--	--	--	--	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	320000	387000	--	--	--	--	--	1200	1700	15000	650 J	13000
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	7600	10425	--	--	--	--	--	4.3 U	4.3 U	4.3 U	4.3 U	6.1 J
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	87000	113300	--	--	--	--	--	18 U	18 U	210	26 J	320
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	210	264	--	--	--	--	--	3.6 U	4 J	48	3.8 J	58
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	35000	61350	--	--	--	--	--	260 J	320 J	3900	390	5400
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	0 U	65	--	--	--	--	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	27000	37250	--	--	--	--	--	270	280	240	3300	2100
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	16000	21200	--	--	--	--	--	72 U	72 U	840	72 U	2700
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	136000	156700	--	--	--	--	--	14 U	14 U	130	26 J	240
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	32	89.5	--	--	--	--	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	55000	65650	--	--	--	--	--	110	110	740	44 U	1300
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	730	1300	--	--	--	--	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	800000	894500	--	--	--	--	--	68 U	68 U	280	99 J	680
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	720000	823500	--	--	--	--	--	35 U	35 U	35 U	35 U	77
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	110000	135100	--	--	--	--	--	20 J	22 J	100	15 J	200
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	220	273.5	--	--	--	--	--	3.6 U	3.6 U	3.6 U	3.6 U	7.4
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	8000	9010	--	--	--	--	--	47 J	46 J	390	48 J	540
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	81	138.5	--	--	--	--	--	3.9 U	3.9 U	15	3.9 U	33
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	990000	1253500	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	920	1206.5	--	--	--	--	--	4 U	4 U	4 U	4 U	4 U
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	240	515	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	410	694.5	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	3700	4805	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	34000	44950	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	60000	87300	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	54	109.5	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	22000	32600	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	2500	3620	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	14000	16640	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUAL ENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	16.488	14.638	--	14	11	15	7.2 J	5.6 J	12	3.7 U	22	3.7 U	6.7 J	3.7
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	1133.38	1129.53	--	870	850	1300	590	760	930	7.7 U	1700	55	540	23
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	174.81	172.91	--	170	130	170	85	85	160	3.8 U	380	39	79	19
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	4274.9	4256.9	--	3700	3200	4700	2000	2300	3900	36 U	8000	370	1900	66
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	3.5 U	3.5 U	--	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	1.2 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	45369	45139	--	43000	34000	47000	21000	20000	39000	460 U	89000	8200	19000	4400
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	53.679	51.529	--	31	39	64	45	19	39	4.3 U	53	4.3 U	28	4.3
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	2795.2	2795.2	--	1900	1900	2600	1200	1300	2200	320	3700	150	1100	32
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	250.21	248.41	--	210	190	250	120	120	210	3.6 U	430	29	110	8.6
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	21539	21449	--	19000 J	16000	25000	10000	11000	19000 J	180 U	42000	2400	9200	620
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	4.4991	0.41	--	3.7 U	3.7 U	4.1 J	3.7 U	3.7 U	1.2 U	3.7 U	4.4 J	3.7 U	3.7 U	3.7
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	4912.2	4895.2	--	3600 J	3800 J	4600 J	3400 J	2100 J	4200 J	34 UJ	6100	640	2500 J	300
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	12383.4	12383.4	--	9700	8600	11000	4900	4400	9400	1200	20000	1000	4600	160
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	2024.8	2024.8	--	1300	1300	2100	850	730	1500	290	2700	110	860	22
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	5.75965	1.75	--	8	3.8 U	9.5	3.8 U	3.8 U	1.3 U	3.8 U	13	3.8 U	3.8 U	3.8
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	8274.6	8274.6	--	5600	5400	7800	4400	3800	6600	1100	12000	510	3900	190
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	3608.4	3574.4	--	2500	2700	4100	2600	2200	2400	68 U	5300	270	1900	68
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	1213.82	1196.32	--	790 J	910	1400	790	740	920 J	35 U	1500	35 U	590	35
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	1258.01	1251.01	--	920	940	1500	740	710	910	14 U	2100	86	610	25
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	81.273	79.473	--	59	60	89	52	40	73	3.6 U	120	3.6 U	42	3.6
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	3631.4	3614.4	--	3000	2700	4200	2200	2100	3400	34 U	7000	290	1700	58
E-SB-983-0-2	E-SB-983	0	2	20120719	188.31	186.36	--	170	140	190	93	100	160	3.9 U	370	9.5	92	3.9
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	4 U	4 U	--	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U	4 U	4 U	4 U	4
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible]YCLIC [illegible]ATIC [illegible]ARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					[illegible]KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	U	3.7 U	3.7 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	U	3.7 U	3.7 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	U	11	18	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629		730	1200	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629		320	270	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	J	4500	5600	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	U	3.5 U	3.5 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629		63000	61000	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	U	27	44	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	J	2000	3200	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629		270	330	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629		24000	29000 J	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	U	3.7 U	5.6 J	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629		3500	7500 J	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629		11000	17000	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	J	1300	2200	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	U	3.8 U	11	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628		6600	9800	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	U	3.8 U	3.8 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	U	2700	3000	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	U	260	1100	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	J	1100	1400	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	U	36	95	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	J	3900	5000	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	U	160	230	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	U	4 U	4 U	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411		--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	0.447 J	0.0614 U	0.377 J	--	--	0.272 J	--	--	0.00876 U	--	0.174 J	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	0.322 J	0.171 J	0.551 J	--	--	0.12 J	--	--	0.0358 U	--	0.192 J	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	0.384 J	0.153 J	0.153 J	--	--	0.329 J	--	--	0.0618 U	--	0.117 J	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	0.614 J	0.491 J	0.47 J	--	--	0.546 J	--	--	0.0476 U	--	0.354 J	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	0.37 J	0.295 J	0.469 J	--	--	0.843 J	--	--	0.0236 U	--	0.213 J	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	0.462 J	0.215 J	0.67 J	--	--	0.0636 U	--	--	-0.0014 U	--	0.162 J	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	0.431 J	0.154 J	0.494 J	--	--	13.8	--	--	0.335 J	--	0.623 J	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	0.386 J	0.35 J	0.364 J	--	--	0.202 J	--	--	-0.0015 U	--	0.157 J	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	0.25 UJ	0.157 J	0.364 J	--	--	2.88	--	--	0.113 J	--	0.209 J	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	0.519 J	0.281 J	0.37 J	--	--	0.265 J	--	--	0 U	--	0.249 J	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	0.632 J	0.292 J	0.971 J	--	--	0.346 J	--	--	0.0232 U	--	0.284 J	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	0.826 J	0.644 J	0.561 J	--	--	0.282 J	--	--	0 UJ	--	0.136 UJ	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	0.59 J	0.373 J	0.686 J	--	--	0.233 J	--	--	0.0117 U	--	0.314 J	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	0.259 J	0.255 J	0.272 J	--	--	4.08	--	--	0.0873 J	--	0.565 J	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	0.307 J	0.477 J	0.479 J	--	--	0.405 J	--	--	0.0684 J	--	0.385 J	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	0.69 U	0.62 U	0.38 U	--
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	1.4 U	0.4 U	0.58 U	0.33 U	0.42 U	1 U	0.19 U	0.3 U	0.72 U	1.4 U	0.56 U	0.4 U	0.38 U	0.77 U	--	0.39 U	0.38 U
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	0.73 U	1 U	1.9 J	1.6 UR	0.44 U	0.7 U	0.46 U	0.23 U	0.6 U	52	0.26 U	0.37 U	0.79 U	0.31 U	0.37 U	0.6 U	0.49 U	0.41 U
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	0.37 U	0.61 U	0.96 U	0.32 U	0.46 U	0.4 U	0.38 U	0.7 U	0.56 U	1.7 U	0.24 U	0.29 U	1.3 U	0.18 U	1.3 U	--	0.48 U
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-0-2	E-SB-983	0	2	20120719	0.74 U	0.21 U	0.26 U	0.44 U	0.39 U	0.2 U	0.17 U	0.41 U	0.32 U	8.4 UR	0.58 U	--	0.3 U	0.74 U	--	0.46 U	0.6 U
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-SB-970-0.5-2	E-SB-970	0.5	2	20120627	--	--	--	--	NORMAL
E-SB-970-1.5-2.0-RAD	E-SB-970	1.5	2	20120627	--	--	--	--	NORMAL
E-SB-971-0.5-2	E-SB-971	0.5	2	20120627	--	--	--	--	NORMAL
E-SB-971-0.5-2.0-RAD	E-SB-971	0.5	2	20120627	--	--	--	--	NORMAL
E-SB-972-0.5-2	E-SB-972	0.5	2	20120629	--	--	--	--	NORMAL
E-SB-972-0.5-2-RAD	E-SB-972	0.5	2	20120629	--	--	--	--	NORMAL
E-SB-972-0-0.5	E-SB-972	0	0.5	20120629	--	--	--	--	NORMAL
E-SB-973-0.5-2	E-SB-973	0.5	2	20120629	--	--	--	--	NORMAL
E-SB-973-0.5-2-RAD	E-SB-973	0.5	2	20120629	--	--	--	--	NORMAL
E-SB-973-0-0.5	E-SB-973	0	0.5	20120629	--	--	--	--	NORMAL
E-SB-974-0.5-2	E-SB-974	0.5	2	20120629	--	--	--	--	NORMAL
E-SB-974-0.5-2-RAD	E-SB-974	0.5	2	20120629	--	--	--	--	NORMAL
E-SB-974-0-0.5	E-SB-974	0	0.5	20120629	--	--	--	--	NORMAL
E-SB-975-0.5-2	E-SB-975	0.5	2	20120629	--	--	--	--	NORMAL
E-SB-975-0.5-2-RAD	E-SB-975	0.5	2	20120629	--	--	--	--	NORMAL
E-SB-975-0-0.5	E-SB-975	0	0.5	20120629	--	--	--	--	NORMAL
E-SB-976-0.5-2	E-SB-976	0.5	2	20120629	--	--	--	--	NORMAL
E-SB-976-0.5-2-RAD	E-SB-976	0.5	2	20120629	--	--	--	--	NORMAL
E-SB-976-0-0.5	E-SB-976	0	0.5	20120629	--	--	--	--	NORMAL
E-SB-977-0.5-2	E-SB-977	0.5	2	20120629	--	--	--	--	NORMAL
E-SB-977-0.5-2-RAD	E-SB-977	0.5	2	20120629	--	--	--	--	NORMAL
E-SB-977-0-0.5	E-SB-977	0	0.5	20120629	--	--	--	--	NORMAL
E-SB-978-0.5-2	E-SB-978	0.5	2	20120629	--	--	--	--	NORMAL
E-SB-978-0.5-2-RAD	E-SB-978	0.5	2	20120629	--	--	--	--	NORMAL
E-SB-978-0-0.5	E-SB-978	0	0.5	20120629	--	--	--	--	NORMAL
E-SB-979-0.5-2	E-SB-979	0.5	2	20120628	--	--	--	--	NORMAL
E-SB-979-0.5-2-RAD	E-SB-979	0.5	2	20120628	--	--	--	--	NORMAL
E-SB-979-0-0.5	E-SB-979	0	0.5	20120628	--	--	--	--	NORMAL
E-SB-980-0.5-2	E-SB-980	0.5	2	20120628	--	--	--	--	NORMAL
E-SB-980-0.5-2-RAD	E-SB-980	0.5	2	20120628	--	--	--	--	NORMAL
E-SB-980-0-0.5	E-SB-980	0	0.5	20120628	--	--	--	--	NORMAL
E-SB-981-0.5-2	E-SB-981	0.5	2	20120628	--	--	--	--	NORMAL
E-SB-981-0.5-2-RAD	E-SB-981	0.5	2	20120628	--	--	--	--	NORMAL
E-SB-981-0-0.5	E-SB-981	0	0.5	20120628	--	--	--	--	NORMAL
E-SB-982-0.5-2	E-SB-982	0.5	2	20120628	--	--	--	--	BACKFILL
E-SB-982-0.5-2-RAD	E-SB-982	0.5	2	20120628	--	--	--	--	BACKFILL
E-SB-982-0-0.5	E-SB-982	0	0.5	20120628	--	--	--	--	BACKFILL
E-SB-983-0-2	E-SB-983	0	2	20120719	0.47 U	0.38 U	0.28 UR	0.43 U	NORMAL
E-SB-983-0-2-RAD	E-SB-983	0	2	20120719	--	--	--	--	NORMAL
E-SB-984-0.5-2	E-SB-984	0.5	2	20130410	--	--	--	--	NORMAL
E-SB-984-0-2	E-SB-984	0	2	20120724	--	--	--	--	NORMAL
E-SB-985-0.5-2	E-SB-985	0.5	2	20130410	--	--	--	--	NORMAL
E-SB-986-0.5-2	E-SB-986	0.5	2	20130410	--	--	--	--	NORMAL
E-SB-987-0.5-2	E-SB-987	0.5	2	20130410	--	--	--	--	BACKFILL
E-SB-988-0.5-2	E-SB-988	0.5	2	20130411	--	--	--	--	NORMAL
E-SB-989-0.5-2	E-SB-989	0.5	2	20130411	--	--	--	--	BACKFILL
E-SB-990-0.5-2	E-SB-990	0.5	2	20130411	--	--	--	--	BACKFILL
E-SB-991-0.5-2	E-SB-991	0.5	2	20130411	--	--	--	--	BACKFILL
E-SB-991-0-0.5	E-SB-991	0	0.5	20130411	--	--	--	--	BACKFILL
E-SB-992-0.5-2	E-SB-992	0.5	2	20130411	--	--	--	--	BACKFILL
E-SB-993-0.5-2	E-SB-993	0.5	2	20130411	--	--	--	--	BACKFILL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	230 U	180 U	150 U	140 U	190 U	190 U	1100
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	12000 U	9000 U	7900 U	7300 U	9600 U	9600 U	34000
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	12000 U	8800 U	7700 U	7100 U	9300 U	9300 U	74000
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	120 U	91 U	80 U	74 U	97 U	97 U	270
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	23 U	18 U	16 U	15 U	19 U	19 U	140
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	220 U	170 U	150 U	140 U	180 U	180 U	620
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	1400 U	1100 U	930 U	860 U	1100 U	1100 U	7200
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	470 U	360 U	320 U	290 U	380 U	380 U	4900
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	2400 U	1800 U	1600 U	1500 U	2000 U	18000 J	2000 U
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	2500 U	1900 U	1600 U	1500 U	2000 U	24000	2000 U
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	1300 U	990 U	870 U	800 U	1100 U	1100 U	8800 J
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	2400 U	1900 U	1600 U	1500 U	2000 U	38000 J	2000 U
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	460 U	350 U	310 U	290 U	370 U	6300	370 U
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	30 J	19 U	62
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	240 U	180 U	160 U	150 U	190 U	3200 J	190 U
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	360 U	275 U	240 U	225 U	290 U	4650	290 U
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	480 U	370 U	320 U	300 U	390 U	6100 J	390 U
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	2400 U	1900 U	1600 U	1500 U	2000 U	2000 U	19000
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	1200 U	900 U	790 U	740 U	960 U	960 U	4400
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	1200 U	950 U	830 U	770 U	1000 U	1000 U	9700
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	11000 U	8500 U	7400 U	6900 U	9000 U	9000 U	44000
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	7800 U	6000 U	5250 U	4900 U	6350 U	6350 U	38000
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	4600 U	3500 U	3100 U	2900 U	3700 U	3700 U	32000
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	12000 U	9500 U	8300 U	7700 U	10000 U	10000 U	32000
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	1200 U	890 U	770 U	720 U	940 U	940 U	3600
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	12000 U	8900 U	7800 U	7200 U	9400 U	100000	9400 U
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	250 U	190 U	170 U	150 U	200 U	200 U	3300
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	1300 U	960 U	840 U	780 U	1000 U	1000 U	14000
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	4800 U	3700 U	3200 U	3000 U	3900 U	85000	3900 U
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	4750 U	3650 U	3200 U	2950 U	3850 U	80500	3850 U
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	4700 U	3600 U	3200 U	2900 U	3800 U	76000	3800 U
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	120 U	89 U	78 U	72 U	94 U	94 U	740
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	230 U	170 U	150 U	140 U	180 U	180 U	3000
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	220 U	170 U	150 U	140 U	180 U	180 U	2000
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	2400 U	1800 U	1600 U	1500 U	1900 U	1900 U	30000
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	12000 U	9300 U	8200 U	7600 U	9900 U	9900 U	80000
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	4800 U	3700 U	3200 U	3000 U	3900 U	3900 U	45000
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	4600 U	3500 U	3100 U	2800 U	3700 U	3700 U	22000
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	1200 U	910 U	790 U	740 U	960 U	960 U	8800
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	2300 U	1700 U	1500 U	1400 U	1800 U	1800 U	8900
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	12000 U	9300 U	8100 U	7500 U	9900 U	9900 U	39000
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	12000 U	9300 U	8100 U	7500 U	9900 U	9900 U	62000
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	12000 U	8900 U	7800 U	7200 U	9500 U	9500 U	36000
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	2500 U	1900 U	1600 U	1500 U	2000 U	2000 U	23000
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	11000 U	8700 U	7600 U	7000 U	9200 U	9200 U	27000
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	2700 U	2000 U	1800 U	1700 U	2200 U	2200 U	26000
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	230 U	180 U	160 U	140 U	190 U	190 U	620
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	19 U	19 U
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	23 U	18 U	16 U	15 U	19 U	19 U	19 U
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	22 U	17 U	15 U	14 U	18 U	18 U	18 U
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	140

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	1100	1640	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	34000	61700	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	74000	101100	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	270	549.5	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	140	195	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	620	1140	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	7200	10445	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	4900	6000	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	18000	23650	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	24000	29750	--	--	--	--	--	--	--	--	--	--
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	8800	11880	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	38000	43700	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	6300	7375	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	92	138	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	3200	3755	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415	--	--	4650	5490	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	6100	7225	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	19000	24700	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	4400	7175	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	9700	12575	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	44000	69900	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415	--	--	38000	56325	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	32000	42750	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	32000	60750	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	3600	6330	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	100000	127350	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	3300	3880	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	14000	16940	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	85000	96250	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416	--	--	80500	91625	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	76000	87000	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	740	1013.5	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	3000	3525	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	2000	2520	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	30000	35550	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	80000	108450	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	45000	56250	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	22000	32700	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	8800	11580	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	8900	14150	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	39000	67350	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	62000	90350	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	36000	63450	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	23000	28750	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	27000	53350	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	26000	32300	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	620	1165	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	0 U	64	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	0 U	64.5	--	--	--	--	--	--	--	0.86 U	0.39 U	0.88 U
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	0 U	61	--	--	--	--	--	--	--	0.79 U	0.37 U	0.81 U
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	140	197	--	--	--	--	--	--	--	5.7 J	0.4 U	13

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUAL ENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	0.72 U	0.72 U	--	0.71 U	0.72 U	0.66 U	0.39 U	0.77 U	1.2 U	0.74 U	0.62 U	0.6 U	0.39 U	0.92
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	4.94055	4.5735	--	4.7 J	3.6 J	5 J	0.37 U	0.71 U	3.5 J	0.69 U	5.9 J	0.55 U	0.37 U	0.86
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	65.669	65.669	--	46	43	70	35	12	49	8.1	98	4 J	28	0.93

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible]YCLIC [illegible]ATIC [illegible]ARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					[illegible]KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412		--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702		--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702		--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	U	0.82 U	0.5 U	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	U	0.76 U	5 J	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	U	53	73	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	0.57 U	0.51 U	0.31 U	--
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	--	--	5 R	--	--	--	--	--	--	--	0.51 U	0.46 U	0.28 U	--
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	0.64 U	0.58 U	0.35 U	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	1.2 U	0.33 U	0.48 U	0.27 U	0.35 U	0.82 U	0.16 U	0.25 U	0.59 U	1.2 U	0.46 U	0.33 U	0.31 U	0.63 U	--	0.32 U	0.31 U
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	1.1 U	0.29 U	0.42 U	0.24 U	0.31 U	0.73 U	0.14 U	0.22 U	0.53 U	1.1 U	0.41 U	0.29 U	0.28 U	0.56 U	--	0.29 U	0.28 U
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	1.3 U	0.37 U	0.54 U	0.31 U	0.39 U	0.93 U	0.18 U	0.28 U	0.67 U	1.3 U	0.52 U	0.37 U	0.35 U	0.71 U	--	0.36 U	0.35 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	0.6 U	0.86 U	1.3 U	1.3 U	0.37 U	0.58 U	0.38 U	0.19 U	0.49 U	5.8 U	0.21 U	0.3 U	0.65 U	0.26 U	0.3 U	0.49 U	0.4 U	0.34 U
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	0.54 U	0.77 U	1.1 U	1.1 U	0.33 U	0.51 U	0.33 U	0.17 U	0.44 U	62 B	0.19 U	0.27 U	0.58 U	0.23 U	0.27 U	0.44 U	0.36 U	0.3 U
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	0.68 U	0.97 U	3.6 J	1.4 U	0.41 U	0.65 U	0.42 U	0.22 U	0.56 U	38	0.24 U	0.34 U	0.73 U	0.29 U	0.34 U	0.56 U	0.45 U	0.38 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	0.3 U	0.5 U	0.79 U	0.27 U	0.38 U	0.33 U	0.31 U	0.58 U	0.46 U	1.4 U	0.2 U	0.24 U	1.1 U	0.15 U	1.1 U	--	0.39 U
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	0.27 U	0.45 U	0.7 U	0.24 U	0.33 U	0.29 U	0.28 U	0.51 U	0.41 U	1.2 U	0.18 U	0.21 U	0.98 U	0.13 U	0.98 U	--	0.35 U
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	0.34 U	0.57 U	0.89 U	0.3 U	0.42 U	0.37 U	0.35 U	0.65 U	0.52 U	1.5 U	0.23 U	0.27 U	1.2 U	0.17 U	1.2 U	23	0.44 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	0.61 U	0.17 U	0.21 U	0.37 U	0.32 U	0.16 U	0.14 U	0.34 U	0.27 U	7 UR	0.48 U	--	0.25 U	0.61 U	--	0.38 U	0.49 U
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	0.55 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.12 U	0.3 U	0.24 U	6.2 UR	0.42 U	--	0.22 U	0.55 U	--	0.33 U	0.44 U
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	0.69 U	0.2 U	0.24 U	0.41 U	0.36 U	0.19 U	0.15 U	0.38 U	0.3 U	7.8 UR	0.54 U	--	0.28 U	0.69 U	--	0.42 U	0.56 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-SB-994-0.5-2	E-SB-994	0.5	2	20130411	--	--	--	--	BACKFILL
E-SB-995-0.5-2	E-SB-995	0.5	2	20130411	--	--	--	--	BACKFILL
E-SB-996-0.5-2	E-SB-996	0.5	2	20130411	--	--	--	--	BACKFILL
E-SB-997-0.5-2	E-SB-997	0.5	2	20130411	--	--	--	--	BACKFILL
E-SB-998-0.5-2	E-SB-998	0.5	2	20130412	--	--	--	--	BACKFILL
E-SB-999-0.5-2	E-SB-999	0.5	2	20130412	--	--	--	--	BACKFILL
E-SS-1000-0-0.5	E-SB-1000	0	0.5	20130412	--	--	--	--	BACKFILL
E-SS-1001-0-0.5	E-SB-1001	0	0.5	20130412	--	--	--	--	BACKFILL
E-SS-1002-0-0.5	E-SB-1002	0	0.5	20130412	--	--	--	--	BACKFILL
E-SS-1003-0-0.5	E-SB-1003	0	0.5	20130412	--	--	--	--	BACKFILL
E-SS-1004-0-0.5	E-SB-1004	0	0.5	20130412	--	--	--	--	BACKFILL
E-SS-1005-0-0.5	E-SB-1005	0	0.5	20130412	--	--	--	--	BACKFILL
E-SS-1006-0-0.5	E-SB-1006	0	0.5	20130415	--	--	--	--	BACKFILL
E-SS-1007-0-0.5	E-SB-1007	0	0.5	20130415	--	--	--	--	BACKFILL
E-SS-1008-0-0.5	E-SB-1008	0	0.5	20130415	--	--	--	--	BACKFILL
E-SS-1008-0-0.5-AVG	E-SB-1008	0	0.5	20130415	--	--	--	--	BACKFILL
E-SS-1008-0-0.5-D	E-SB-1008	0	0.5	20130415	--	--	--	--	BACKFILL
E-SS-1009-0-0.5	E-SB-1009	0	0.5	20130415	--	--	--	--	BACKFILL
E-SS-1010-0-0.5	E-SB-1010	0	0.5	20130415	--	--	--	--	BACKFILL
E-SS-1011-0-0.5	E-SB-1011	0	0.5	20130415	--	--	--	--	BACKFILL
E-SS-1012-0-0.5	E-SB-1012	0	0.5	20130415	--	--	--	--	BACKFILL
E-SS-1012-0-0.5-AVG	E-SB-1012	0	0.5	20130415	--	--	--	--	BACKFILL
E-SS-1012-0-0.5-D	E-SB-1012	0	0.5	20130415	--	--	--	--	BACKFILL
E-SS-1013-0-0.5	E-SB-1013	0	0.5	20130415	--	--	--	--	BACKFILL
E-SS-1014-0-0.5	E-SB-1014	0	0.5	20130415	--	--	--	--	BACKFILL
E-SS-1015-0-0.5	E-SB-1015	0	0.5	20130415	--	--	--	--	BACKFILL
E-SS-1016-0-0.5	E-SB-1016	0	0.5	20130416	--	--	--	--	BACKFILL
E-SS-1017-0-0.5	E-SB-1017	0	0.5	20130416	--	--	--	--	BACKFILL
E-SS-1018-0-0.5	E-SB-1018	0	0.5	20130416	--	--	--	--	BACKFILL
E-SS-1018-0-0.5-AVG	E-SB-1018	0	0.5	20130416	--	--	--	--	BACKFILL
E-SS-1018-0-0.5-D	E-SB-1018	0	0.5	20130416	--	--	--	--	BACKFILL
E-SS-984-0-0.5	E-SB-984	0	0.5	20130410	--	--	--	--	NORMAL
E-SS-985-0-0.5	E-SB-985	0	0.5	20130410	--	--	--	--	NORMAL
E-SS-986-0-0.5	E-SB-986	0	0.5	20130410	--	--	--	--	NORMAL
E-SS-987-0-0.5	E-SB-987	0	0.5	20130410	--	--	--	--	BACKFILL
E-SS-988-0-0.5	E-SB-988	0	0.5	20130411	--	--	--	--	NORMAL
E-SS-989-0-0.5	E-SB-989	0	0.5	20130411	--	--	--	--	BACKFILL
E-SS-990-0-0.5	E-SB-990	0	0.5	20130411	--	--	--	--	BACKFILL
E-SS-992-0-0.5	E-SB-992	0	0.5	20130411	--	--	--	--	BACKFILL
E-SS-993-0-0.5	E-SB-993	0	0.5	20130411	--	--	--	--	BACKFILL
E-SS-994-0-0.5	E-SB-994	0	0.5	20130411	--	--	--	--	BACKFILL
E-SS-995-0-0.5	E-SB-995	0	0.5	20130411	--	--	--	--	BACKFILL
E-SS-996-0-0.5	E-SB-996	0	0.5	20130411	--	--	--	--	BACKFILL
E-SS-997-0-0.5	E-SB-997	0	0.5	20130411	--	--	--	--	BACKFILL
E-SS-998-0-0.5	E-SB-998	0	0.5	20130412	--	--	--	--	BACKFILL
E-SS-999-0-0.5	E-SB-999	0	0.5	20130412	--	--	--	--	BACKFILL
E-VB-5-070213-02	E-VB-05	0	2	20130702	--	--	--	--	NORMAL
E-VB-6-070213-02	E-VB-06	0	2	20130702	--	--	--	--	NORMAL
E-VS-1-072913-0-1.5	E-VS-01	0	1.5	20130729	3.4 J	0.31 U	0.23 UR	0.36 U	NORMAL
E-VS-2-072913-0-1.5	E-VS-02	0	1.5	20130729	0.89 J	0.28 U	0.2 UR	0.32 U	NORMAL
E-VS-3-072913-0-1.5	E-VS-03	0	1.5	20130729	5.9	0.35 U	0.26 UR	0.4 U	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB-030116	PUSTB	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTC-030116	PUSTC	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTD-030816	PUSTD	2	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3A-SS	SB-003A	0	1	20040920	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0001	SB-500	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0001	SB-501	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB-030116	PUSTB	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTC-030116	PUSTC	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTD-030816	PUSTD	2	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	--	--	2.8 UL	1.1	--	2.8 U	2.8 U	19 J	--	8.2	--	3	--	0.11 U	--	6.5	2.8 U
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	--	--	2.9 U	0.98	--	2.9 U	2.9 U	10 K	--	15	--	2.9 UJ	--	0.11 U	--	7.5	2.9 U
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	--	--	2.5 U	0.92	--	2.5 U	2.5 U	6.6 K	--	4.4 L	--	3.9 J	--	0.1 U	--	4.3 K	2.5 U
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	--	--	2.9 U	1.2	--	2.9 U	2.9 U	15	--	14	--	4.7 J	--	0.12 U	--	10	2.9 U
SB-3A-SS	SB-003A	0	1	20040920	--	--	2.4 U	1.5	--	2.4 U	2.4 U	15	--	13	--	82 J	--	0.1 U	--	20	2.4 U
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	--	--	2.7 UL	1.5	--	2.7 U	2.7 U	18 J	--	11	--	8.9	--	0.12	--	14	2.7 U
SB-500-0001	SB-500	0	1	20071127	--	--	0.16 B	1.3 L	25.7	0.36	0.2	9.9 K	2.7 J	7 J	13200	15.9 J	48.8 L	0.02 U	0.34 B	4.8	0.29 L
SB-501-0001	SB-501	0	1	20071127	--	--	0.55 J	3.4 L	34.5	0.76	0.2	13.8 K	4.8 J	7.9 J	13800	12.3 J	53.2 L	0.06	0.42 B	6.7	0.26 L

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB-030116	PUSTB	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTC-030116	PUSTC	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTD-030816	PUSTD	2	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	2.8 UR	2.2 U	--	--	--	--	--	--	28 UL	--	--	--	--	--	--
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	2.9 UL	2.3 UL	--	--	--	--	--	--	29 UL	--	--	--	--	--	--
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	94.6	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	85.3	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	79.1	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	78.1	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	75.6	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	80.1	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	81.2	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	58.9	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	89.2	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	79.1	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	80.3	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	73.6	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	77.5	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	84.2	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	88.5	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	2.5 UL	2 UL	--	--	--	--	--	--	25 UL	--	--	--	--	--	--
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	84.4	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	87.3	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	82.4	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	74.3	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	78.6	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	2.9 UL	2.3 UL	--	--	--	--	--	--	29 UL	--	--	--	--	--	--
SB-3A-SS	SB-003A	0	1	20040920	2.4 UL	2 UL	--	--	--	--	--	--	110 L	--	--	--	--	--	--
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	2.7 UR	2.2 U	--	--	--	--	--	--	27 UL	--	--	--	--	--	--
SB-500-0001	SB-500	0	1	20071127	0.04	0.063 B	--	--	--	--	--	13.2	42.7 J	88.1	--	--	--	--	--
SB-501-0001	SB-501	0	1	20071127	0.081	0.1	--	--	--	--	--	20.9	36.1 J	86.7	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	22 U	17 U	15 U	14 U	18 U	18 U	86
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	19 U	19 U
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	23 U	18 U	15 U	14 U	19 U	19 U	19 U
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	240 U	180 U	160 U	150 U	190 U	1800	190 U
PUSTA-022916	PUSTA	1	1	20160229	--	--	--	--	--	--	--	--	28000 U	37000 U	47000 U	26000 U	19000 U	33000 U	530000
PUSTB-030116	PUSTB	1.5	1.5	20160301	--	--	--	--	--	--	--	--	6700 U	8900 U	11000 U	6100 U	4400 U	7800 U	74000
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	--	--	--	--	--	--	--	--	690 U	920 U	1100 U	630 U	460 U	800 U	13000
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	--	--	--	--	--	--	--	--	2900 U	3800 U	4800 U	2600 U	1900 U	3300 U	65000
PUSTC-030116	PUSTC	1.5	1.5	20160301	--	--	--	--	--	--	--	--	720 U	950 U	1200 U	660 U	480 U	830 U	8500
PUSTD-030816	PUSTD	2	2	20160308	--	--	--	--	--	--	--	--	140 U	190 U	240 U	130 U	96 U	170 U	990
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	38 U	38 U
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	--	--	--	--	--	--	--	--	280 U	280 U	280 U	280 U	280 U	280 U	280 U
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	39 U	39 U	39 U	39 U	39 U	39 U	94
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	37 U	37 U	37 U	37 U	37 U	37 U	140
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	39 U	39 U	39 U	39 U	39 U	39 U	39 U
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	37 U	37 U	37 U	32 J	37 U	37 U	80
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	39 U	39 U	39 U	39 U	39 U	39 U	8.5 J
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	37 U	37 U	37 U	37 U	37 U	37 U	1070
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	37 U	37 U	37 U	37 U	37 U	37 U	37 U
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	37 U	37 U	37 U	58	37 U	37 U	108
SB-2A-01	SB-002A	1	1	20040920	--	--	--	--	--	--	--	--	290 U	290 U	290 U	290 U	290 U	290 U	290 U
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	35 U	35 U	35 U	35 U	35 U	35 U	260
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	390 U	390 U	390 U	390 U	390 U	390 U	1700
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	2100 U	2100 U	2100 U	2100 U	2100 U	2100 U	7100
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	4200 U	4200 U	4200 U	4200 U	4200 U	4200 U	34000
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	4400 U	4400 U	4400 U	4400 U	4400 U	4400 U	24000
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	8200 U	8200 U	8200 U	8200 U	8200 U	8200 U	55000
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	4100 U	4100 U	4100 U	4100 U	4100 U	4100 U	21000
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	2800 U	2800 U	2800 U	2800 U	2800 U	2800 U	19000
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	740000 U	740000 U	740000 U	740000 U	740000 U	740000 U	2E+06
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	83000 U	83000 U	83000 U	83000 U	83000 U	83000 U	400000
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	21000 U	21000 U	21000 U	21000 U	21000 U	21000 U	96000
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	4500 U	4500 U	4500 U	4500 U	4500 U	4500 U	25000
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	2100 U	2100 U	2100 U	2100 U	2100 U	2100 U	12000
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	3900 U	3900 U	3900 U	3900 U	3900 U	3900 U	27000
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	750 U	750 U	750 U	750 U	750 U	750 U	3700
SB-35-SS	SB-035	0	1	20040917	--	--	--	--	--	--	--	--	280 U	280 U	280 U	280 U	280 U	280 U	280 U
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	3900 U	3900 U	3900 U	3900 U	3900 U	3900 U	27000
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	38000 U	38000 U	38000 U	38000 U	38000 U	38000 U	140000
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	800 U	800 U	800 U	800 U	800 U	800 U	5000
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	4400 U	4400 U	4400 U	4400 U	4400 U	4400 U	24000
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	2100 U	2100 U	2100 U	2100 U	2100 U	2100 U	12000
SB-36-SS	SB-036	0	1	20040917	--	--	--	--	--	--	--	--	290 U	290 U	290 U	290 U	290 U	290 U	290 U
SB-3A-SS	SB-003A	0	1	20040920	--	--	--	--	--	--	--	--	270 U	270 U	270 U	270 U	270 U	270 U	350
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	--	--	--	--	--	--	--	--	58000 U	58000 U	58000 U	58000 U	58000 U	58000 U	180000
SB-500-0001	SB-500	0	1	20071127	--	--	--	--	--	--	--	--	37 U	37 U	37 U	37 U	37 U	37 U	47
SB-501-0001	SB-501	0	1	20071127	--	--	--	--	--	--	--	--	7600 U	7600 U	7600 U	7600 U	7600 U	7600 U	58000

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	86	138	--	--	--	--	--	--	--	0.79 U	0.36 U	9.4
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	0 U	64	--	--	--	--	--	--	--	0.84 U	0.39 U	0.86 U
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	0 U	63.5	--	--	--	--	--	--	--	8	0.38 U	20
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	0 U	68	--	--	--	--	--	--	--	0.89 U	0.41 U	0.92 U
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	1800	2355	--	--	--	--	--	--	--	0.85 U	0.39 U	6 J
PUSTA-022916	PUSTA	1	1	20160229	23000 U	30000 U	530000	651500	930	--	--	53 U	--	--	--	--	--	--
PUSTB-030116	PUSTB	1.5	1.5	20160301	5600 U	7200 U	74000	102850	350	--	--	51 U	--	--	--	--	--	--
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	570 U	750 U	13000	15960	110	--	--	53 U	--	--	--	--	--	--
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	2400 U	3100 U	65000	77400	560	--	--	55 U	--	--	--	--	--	--
PUSTC-030116	PUSTC	1.5	1.5	20160301	600 U	770 U	8500	11605	250	--	--	1000	--	--	--	--	--	--
PUSTD-030816	PUSTD	2	2	20160308	120 U	160 U	990	1613	28	--	--	55 U	--	--	--	--	--	--
SB-04B-01	SB-004	1	1	20050512	--	--	0 U	133	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	--	--	0 U	980	--	11000 U	110 U	--	--	--	380 U	380 U	380 U	380 U
SB-232-01	SB-232	1	1	20050512	--	--	94	211	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	140	251	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	0 U	136.5	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	112	204.5	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	8.5	125.5	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	1070	1181	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	0 U	129.5	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	166	258.5	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	--	--	0 U	1015	--	12000 U	120 U	--	--	--	390 U	390 U	390 U	390 U
SB-345-0001	SB-345	0	1	20071102	--	--	260	365	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	1700	2870	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	7100	13400	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	34000	46600	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	24000	37200	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	55000	79600	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	21000	33300	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	19000	27400	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	1800000	4020000	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	400000	649000	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	96000	159000	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	25000	38500	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	12000	18300	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	27000	38700	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	3700	5950	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	--	--	0 U	980	--	11000 U	120 U	--	--	--	380 U	380 U	380 U	380 U
SB-360-0001	SB-360	0	1	20071102	--	--	27000	38700	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	140000	254000	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	5000	7400	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	24000	37200	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	12000	18300	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	--	--	0 U	1015	--	13000	120 U	--	--	--	390 U	390 U	390 U	390 U
SB-3A-SS	SB-003A	0	1	20040920	--	--	350	1160	--	11000 U	110 U	--	--	--	3600 U	3600 U	3600 U	3600 U
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	--	--	180000	354000	--	330000	830	--	--	--	41 J	180 J	390 U	220 J
SB-500-0001	SB-500	0	1	20071127	--	--	47	158	--	--	--	--	18000 B	--	560 U	25 J	13 J	78 J
SB-501-0001	SB-501	0	1	20071127	--	--	58000	80800	--	--	--	--	61000 J	--	7600 U	7600 U	7600 U	7600 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUALENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	47.768	47.423	--	38	36	53	25	18	43	0.69 U	75	4.1 J	21	5
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	0.71 U	0.71 U	--	0.7 U	0.71 U	0.65 U	0.39 U	0.75 U	1.2 U	0.73 U	0.61 U	0.59 U	0.39 U	0.91
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	87.086	86.721	--	73	65	100	49	24	81	0.73 U	170	7.1 J	41	0.9
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U	0.8 U	1.3 U	0.77 U	0.65 U	0.62 U	0.41 U	0.96
E-VS-8-081913	E-VS-08	0	1.5	20130819	32.328	31.958	--	25	24	35	23	13	28	0.74 U	46	0.59 U	18	0.92
PUSTA-022916	PUSTA	1	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB-030116	PUSTB	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTC-030116	PUSTC	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTD-030816	PUSTD	2	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	380 U	380 U	7.16091	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	390 U	390 U	58.1273	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	380 U	380 U	42.1757	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	390 U	390 U	67.3815	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390
SB-3A-SS	SB-003A	0	1	20040920	3600 U	3600 U	53.7653	3600 U	3600 UJ	3600 UJ	3600 UJ	3600 UJ	3600 U	3600 UJ	440 J	3600 U	3600 UJ	3600
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	365.37	170.37	215.957	240 J	110 J	220 J	170 J	200 J	370 J	390 U	1200	150 J	120 J	50
SB-500-0001	SB-500	0	1	20071127	542.4	542.4	542.4	280 J	340 J	520 J	360 J	210 J	300 J	90 J	570	19 J	300 J	560
SB-501-0001	SB-501	0	1	20071127	4477.22	259.22	322.979	240 J	190 J	450 J	7600 U	7600 U	220 J	7600 U	450 J	7600 U	7600 U	7600

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]YCLIC [illegible]ATIC ARBONS	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	J	28	56	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	U	0.81 U	0.49 U	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	U	120	140	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	U	0.86 U	0.52 U	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	U	25	41	--	--	--	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229		--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB-030116	PUSTB	1.5	1.5	20160301		--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB2-030116	PUSTB2	1.5	1.5	20160301		--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB3-030116	PUSTB3	0.5	0.5	20160301		--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTC-030116	PUSTC	1.5	1.5	20160301		--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTD-030816	PUSTD	2	2	20160308		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-04B-01	SB-004	1	1	20050512		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105		--	--	--	--	0.15 U	-0.05 U	-0.11 U	-0.13 U	0.13 U	-0.9 U	0.1 U	0.38 UJ	0.05 U
SB-1A-SS	SB-001A	0	1	20040921	U	380 U	380 U	0 U	--	--	--	--	--	--	--	--	--	--
SB-232-01	SB-232	1	1	20050512		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	U	390 U	390 U	0 U	--	--	--	--	--	--	--	--	--	--
SB-345-0001	SB-345	0	1	20071102		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	U	380 U	380 U	0 U	--	--	--	--	--	--	--	--	--	--
SB-360-0001	SB-360	0	1	20071102		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	U	390 U	390 U	0 U	--	--	--	--	--	--	--	--	--	--
SB-3A-SS	SB-003A	0	1	20040920	U	3600 U	440 J	880	--	--	--	--	--	--	--	--	--	--
SB-41S-SS	SB-041	0	1	20041105		--	--	--	--	0.03 U	-0.1 U	-0.41 U	0.01 U	-0.01 U	0.39 U	0.1 U	0.1 UJ	0.026 U
SB-42S-SS	SB-042	0	1	20041105		--	--	--	--	1.02	0.043 U	0 U	0.12 U	0.07 U	0.17 U	2.3	0.67 J	-0.014 U
SB-4A-SS	SB-004A	0	1	20040921	J	2200	1000	6471	--	--	--	--	--	--	--	--	--	--
SB-500-0001	SB-500	0	1	20071127	U	220 J	460 J	3785	--	--	--	--	--	--	--	--	--	--
SB-501-0001	SB-501	0	1	20071127	U	200 J	370 J	2120	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB-030116	PUSTB	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTC-030116	PUSTC	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTD-030816	PUSTD	2	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	0.07 U	0.01 U	0.08 U	0.1 U	0.05 U	0 U	0.22 UJ	0 U	-0.56 U	0.38 U	0.1 U	0.1 U	0.47 UJ
SB-1A-SS	SB-001A	0	1	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3A-SS	SB-003A	0	1	20040920	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-41S-SS	SB-041	0	1	20041105	-0.22 U	0.01 U	0.145	-0.5 U	0.08 U	0.008 U	-0.14 U	0.065 U	-0.02 U	-0.13 U	0.24 U	0.4 U	-0.16 U
SB-42S-SS	SB-042	0	1	20041105	-0.55 U	-0.28 U	-0.048 U	0.1 U	0.19 U	-0.055 U	0.03 U	0.018 U	0.01 U	0.08 U	0 U	-0.23 U	-0.16 U
SB-4A-SS	SB-004A	0	1	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0001	SB-500	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0001	SB-501	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB-030116	PUSTB	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTC-030116	PUSTC	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTD-030816	PUSTD	2	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	0.3 UJ	0.42 J	0.07 U	-0.14 U	-0.07 U	3.4	9 U	0.51 UJ	0.5 U	0.14 U	-0.01 U	0 U	0.1 U	0.22 U
SB-1A-SS	SB-001A	0	1	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3A-SS	SB-003A	0	1	20040920	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-41S-SS	SB-041	0	1	20041105	0.3	0.25 UJ	-0.022 U	-0.027 U	0.01 U	4.4	-2 U	0.32 UJ	0.38 U	-0.006 U	-0.101 U	-0.038 U	0.075 U	-0.44 U
SB-42S-SS	SB-042	0	1	20041105	1.2	1.09 J	0.037 U	0.07 U	-0.03 U	9.2	-7 U	1.22 J	-0.46 U	-0.07 U	0.005 U	0.018 U	0.39	-0.59 U
SB-4A-SS	SB-004A	0	1	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0001	SB-500	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0001	SB-501	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	--	--	0.902	--	--	--	--	0.103	--	--	--	--	10 U	64 U
PUSTB-030116	PUSTB	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	200 U	1300 U
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	41 U	260 U
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	220 J	330 UR
PUSTC-030116	PUSTC	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	42 U	260 U
PUSTD-030816	PUSTD	2	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	4.2 U	27 U
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	-0.6 U	--	--	--	-0.22 U	--	--	--	0.06 U	--	--
SB-1A-SS	SB-001A	0	1	20040921	--	--	--	--	--	--	--	--	--	--	--	--	380 U	--
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	--	--	--	--	--	--	--	--	--	--	--	--	390 U	--
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	380 U	--
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	390 U	--
SB-3A-SS	SB-003A	0	1	20040920	--	--	--	--	--	--	--	--	--	--	--	--	3600 U	--
SB-41S-SS	SB-041	0	1	20041105	--	--	--	-0.1 U	--	--	--	-0.3 U	--	--	--	-0.16 U	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	0.7 U	--	--	--	-0.45 U	--	--	--	0.4 UJ	--	--
SB-4A-SS	SB-004A	0	1	20040921	--	--	--	--	--	--	--	--	--	--	--	--	390 U	--
SB-500-0001	SB-500	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	560 U	--
SB-501-0001	SB-501	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	7600 U	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	28 U	73 U	26 U	58 U	58 U	61 U	50 U	61 U	1.3 U	24 U	12 J	32 U	27 U	24 U	58 U
PUSTB-030116	PUSTB	1.5	1.5	20160301	540 U	1400 U	510 U	1100 U	1100 U	1200 U	970 U	1200 U	26 U	470 U	28 U	630 U	520 U	470 U	1100 U
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	110 U	290 U	100 U	230 U	230 U	240 U	200 U	240 U	5.2 U	95 U	5.8 U	130 U	110 U	97 U	230 U
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	140 U	370 U	130 U	300 U	300 U	310 UR	250 U	310 U	6.7 U	120 U	1200	160 U	140 U	120 U	300 U
PUSTC-030116	PUSTC	1.5	1.5	20160301	110 U	300 U	110 U	240 U	240 U	250 U	200 U	250 U	5.3 U	97 U	120	130 U	110 U	98 U	240 U
PUSTD-030816	PUSTD	2	2	20160308	11 U	30 U	11 U	24 U	24 U	25 U	21 U	25 U	0.54 U	9.9 U	0.61 U	13 U	11 U	10 U	24 U
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	380 U	940 U	380 U	380 U	380 U	940 U	380 U	380 U	380 U	380 U	--	380 U	940 U	380 U	380 U
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	390 U	980 U	390 U	390 U	390 U	980 U	390 U	390 U	390 U	390 U	--	390 U	980 U	390 U	390 U
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	380 U	950 U	380 U	380 U	380 U	950 U	380 U	380 U	380 U	380 U	--	380 U	950 U	380 U	380 U
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	390 U	990 U	390 U	390 U	390 U	990 U	390 U	390 U	390 U	390 U	--	390 U	990 U	390 U	390 U
SB-3A-SS	SB-003A	0	1	20040920	3600 U	9100 U	3600 U	3600 U	3600 U	9100 U	3600 U	3600 U	3600 U	3600 U	--	3600 U	9100 U	3600 U	3600 U
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	390 U	990 U	390 U	390 U	390 U	990 U	390 U	390 U	390 U	390 U	--	390 U	990 U	390 U	390 U
SB-500-0001	SB-500	0	1	20071127	560 U	560 U	560 U	560 U	560 U	1100 U	560 U	560 U	560 U	560 U	--	560 U	1100 U	560 U	--
SB-501-0001	SB-501	0	1	20071127	7600 U	7600 U	7600 U	7600 U	7600 U	15000 U	7600 U	7600 U	7600 U	7600 U	--	7600 U	15000 U	7600 U	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	53 U	47 U	27 U	38 U	61 U	50 U	38 U	--	76 U	50 U	140	13 J	27 U	330	27 U
PUSTB-030116	PUSTB	1.5	1.5	20160301	1000 U	910 U	520 U	740 U	1200 U	970 U	740 U	--	1500 U	970 U	1400	660	520 U	5600	520 U
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	210 U	190 U	110 U	150 U	240 U	200 U	150 U	--	300 U	200 U	380	140	110 U	950	110 U
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	270 U	240 U	140 U	190 U	310 U	250 U	190 U	--	390 U	250 U	470	120	370 J	1000	140 U
PUSTC-030116	PUSTC	1.5	1.5	20160301	210 U	190 U	110 U	150 U	250 U	200 U	150 U	--	310 U	200 U	1100	140	110 U	2100	110 U
PUSTD-030816	PUSTD	2	2	20160308	22 U	19 U	11 U	16 U	25 U	21 U	16 U	--	31 U	21 U	0.92 U	0.42 U	11 U	0.94 U	11 U
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	380 U	940 U	870 U	380 U	380 U	380 U	380 U	--	940 U	940 U	--	--	380 U	--	380 U
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	390 U	980 U	900 U	390 U	390 U	390 U	390 U	--	980 U	980 U	--	--	390 U	--	390 U
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	380 U	950 U	870 U	380 U	380 U	380 U	380 U	--	950 U	950 U	--	--	380 U	--	380 U
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	390 U	990 U	910 U	390 U	390 U	390 U	390 U	--	990 U	990 U	--	--	390 U	--	390 U
SB-3A-SS	SB-003A	0	1	20040920	3600 U	9100 U	8300 U	3600 U	3600 U	3600 U	3600 U	--	9100 U	9100 U	--	--	3600 U	--	3600 U
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	390 U	990 U	910 U	390 U	390 U	390 U	390 U	--	990 U	990 U	--	--	390 U	--	390 U
SB-500-0001	SB-500	0	1	20071127	560 U	1100 U	560 U	560 U	560 U	560 U	560 U	560 U	560 U	1100 U	--	--	110 U	--	560 U
SB-501-0001	SB-501	0	1	20071127	7600 U	15000 U	7600 U	7600 U	7600 U	7600 U	7600 U	7600 U	7600 U	15000 U	--	--	1500 U	--	7600 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	1782.5	1782.5	35 U	1100	1200	1700	940	630	64 U	5.8 U	56 U	29 U	110 U
PUSTB-030116	PUSTB	1.5	1.5	20160301	60052	60052	680 U	40000	40000	60000	23000	21000	1300 U	110 U	1600 J	570 U	2100 U
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	6742.5	6742.5	140 U	4200	4700	6900	2600	2800	260 U	23 U	220 U	120 U	430 U
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	13330.4	13330.4	180 U	7100	9000	14000	6100	5200	330 U	30 U	840 J	470 J	550 U
PUSTC-030116	PUSTC	1.5	1.5	20160301	9911	9911	140 U	7600	6800	9800	3300	4300	260 U	24 U	230 U	120 U	440 U
PUSTD-030816	PUSTD	2	2	20160308	24.765	24.344	15 U	19	19	33	17	12	27 U	2.4 U	41 U	12 U	45 U
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	--	--	--	--	--	--	--	--	380 U	380 U	380 U	380 U	140 J
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	--	--	--	--	--	--	--	--	390 U	390 U	390 U	390 U	390 U
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	--	--	--	--	--	--	--	--	380 U	380 U	380 U	380 U	380 U
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	--	--	--	--	--	--	--	--	390 U	390 U	390 U	390 U	390 U
SB-3A-SS	SB-003A	0	1	20040920	--	--	--	--	--	--	--	--	3600 U	3600 U	3600 U	3600 U	3600 U
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	--	--	--	--	--	--	--	--	390 U	390 U	390 U	390 U	390 U
SB-500-0001	SB-500	0	1	20071127	--	--	560 U	--	--	--	--	--	560 U	560 U	560 U	560 U	560 U
SB-501-0001	SB-501	0	1	20071127	--	--	7600 U	--	--	--	--	--	7600 U	7600 U	7600 U	7600 U	7600 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	230	1200	220	46 J	47 U	50 U	44 U	23 U	2800	110	6.1 U	16 U	24 U	26 U
PUSTB-030116	PUSTB	1.5	1.5	20160301	1500 J	42000	7500	720 J	910 U	970 U	850 U	450 U	80000	1000	120 U	320 U	460 U	510 U
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	520 J	4500	660	120 J	190 U	200 U	170 U	92 U	8200	280	24 U	65 U	94 U	100 U
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	600 J	8400	1600	200 J	240 U	250 U	1400 J	120 U	14000	380	31 U	84 U	120 UR	130 U
PUSTC-030116	PUSTC	1.5	1.5	20160301	1200	8000	990	400 J	190 U	200 U	180 U	94 U	16000	880	25 U	66 U	96 U	110 U
PUSTD-030816	PUSTD	2	2	20160308	33 U	24	0.8 U	0.8 U	19 U	21 U	18 U	9.6 U	38	0.64 U	2.5 U	6.8 U	9.8 UJ	11 U
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	380 U	--	--	380 U	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U	380 U
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	390 U	--	--	390 U	390 U	390 U	390 U	390 U	--	--	390 U	390 U	390 U	390 U
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	380 U	--	--	380 U	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U	380 U
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	390 U	--	--	390 U	390 U	390 U	390 U	390 U	--	--	390 U	390 U	390 U	390 U
SB-3A-SS	SB-003A	0	1	20040920	3600 U	--	--	3600 U	3600 U	3600 U	3600 U	3600 UJ	--	--	3600 U	3600 U	3600 U	3600 U
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	89 J	--	--	250 J	390 U	390 U	390 U	390 U	--	--	390 U	390 U	390 U	390 U
SB-500-0001	SB-500	0	1	20071127	27 J	--	--	560 U	560 U	560 U	560 U	560 U	--	--	560 U	560 U	560 U	560 U
SB-501-0001	SB-501	0	1	20071127	7600 U	--	--	7600 U	7600 U	7600 U	7600 U	7600 U	--	--	7600 U	7600 U	7600 U	7600 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	750	38 U	20	6.4 U	47 U	18 U	61 U	27 U	1500	21 U	2000	14665	14665	0 U	0.75 U
PUSTB-030116	PUSTB	1.5	1.5	20160301	23000	740 U	250 J	130 U	910 U	360 U	1200 U	520 U	21000	420 U	79000	445410	445424	0 U	1.2 U
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	2400	150 U	63 J	26 U	190 U	73 U	240 U	160 J	3800	85 U	7400	49973	49975.9	0 U	1.1 U
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	5600	190 U	710	33 U	240 U	94 U	310 U	140 U	4900	110 U	13000	92780	92780	0 U	1.2 U
PUSTC-030116	PUSTC	1.5	1.5	20160301	3300	150 U	140	26 U	190 U	75 U	250 U	110 U	9400	87 U	14000	87970	87970	0 U	0.25 U
PUSTD-030816	PUSTD	2	2	20160308	0.42 U	16 U	0.99 U	2.7 U	19 U	7.6 U	25 U	11 U	16	8.8 U	32	--	--	0 J	0.29 U
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	--	380 U	--	380 U	--	380 U	380 U	940 U	--	380 U	--	--	--	--	--
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	--	390 U	--	390 U	--	390 U	390 U	980 U	--	390 U	--	--	--	--	--
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	--	380 U	--	380 U	--	380 U	380 U	950 U	--	380 U	--	--	--	--	--
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	--	390 U	--	390 U	--	390 U	390 U	990 U	--	390 U	--	--	--	--	--
SB-3A-SS	SB-003A	0	1	20040920	--	3600 U	--	3600 U	--	3600 U	3600 U	9100 U	--	3600 U	--	--	--	--	--
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	--	390 U	--	390 U	--	390 U	390 U	990 U	--	390 U	--	--	--	--	--
SB-500-0001	SB-500	0	1	20071127	--	560 U	--	560 U	560 U	560 U	560 U	560 U	--	560 U	--	--	--	--	--
SB-501-0001	SB-501	0	1	20071127	--	7600 U	--	7600 U	7600 U	7600 U	7600 U	7600 U	--	7600 U	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	0.02 U	0 U	0.4 U	0 U	0 U	0 U	--	--	--	--	--	--	--	--	--	--
PUSTB-030116	PUSTB	1.5	1.5	20160301	0.02 U	0.01 U	0.1 U	0 J	0 U	0 U	--	--	--	--	--	--	--	--	--	--
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	0.03 U	0.01 U	0.57	0 U	0 U	0 U	--	--	--	--	--	--	--	--	--	--
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	0.07 U	0.01 U	0.45 U	0 J	0 U	0 U	--	--	--	--	--	--	--	--	--	--
PUSTC-030116	PUSTC	1.5	1.5	20160301	0.02 U	0.01 U	0.03 U	0 U	0 U	0 U	120 NJ	--	31 NJ	--	--	190 NJ	--	--	--	--
PUSTD-030816	PUSTD	2	2	20160308	0 J	0 U	0 J	0 U	0.01 J	0 U	--	--	--	--	--	--	--	--	--	--
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3A-SS	SB-003A	0	1	20040920	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0001	SB-500	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0001	SB-501	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES UG/KG	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES UG/KG	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES UG/KG	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES UG/KG	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES UG/KG	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES UG/KG	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES UG/KG	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES UG/KG	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES UG/KG	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES UG/KG	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES UG/KG	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES UG/KG	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES UG/KG
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	27 NJ	--	--	--	--	--
PUSTA-022916	PUSTA	1	1	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB-030116	PUSTB	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTC-030116	PUSTC	1.5	1.5	20160301	--	--	64 NJ	34 NJ	--	61 NJ	--	--	51 NJ	47 NJ	30 NJ	--	--
PUSTD-030816	PUSTD	2	2	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3A-SS	SB-003A	0	1	20040920	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0001	SB-500	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0001	SB-501	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	7.7 U	18 U	7.6 U	--
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	0.56 U	0.5 U	0.31 U	--
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	0.49 U	0.44 U	0.27 U	--
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	--	--	--	--	--	--	--	--	--	--	0.58 U	0.52 U	0.32 U	--
E-VS-8-081913	E-VS-08	0	1.5	20130819	--	--	--	--	--	--	--	--	--	--	0.65 U	0.59 U	0.36 U	--
PUSTA-022916	PUSTA	1	1	20160229	--	--	--	--	--	--	--	--	--	--	0.58 U	0.75 U	0.36 U	--
PUSTB-030116	PUSTB	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	0.53 U	0.7 U	0.33 U	--
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	--	--	--	--	--	--	--	--	--	--	0.56 U	0.72 U	0.34 U	--
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	--	--	--	--	--	--	--	--	--	--	0.59 U	0.77 U	0.37 U	--
PUSTC-030116	PUSTC	1.5	1.5	20160301	86 NJ	--	--	--	--	--	--	--	--	--	0.58 U	0.76 U	0.36 U	--
PUSTD-030816	PUSTD	2	2	20160308	--	--	--	--	--	--	--	--	--	--	0.57 U	0.75 U	0.36 U	--
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	--	--	--	--	--	--	--	--	--	--	6 U	6 U	6 U	6 U
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	--	--	--	--	--	--	--	--	--	--	6 U	6 U	6 U	6 U
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	--	--	--	--	--	--	--	--	--	--	6 U	6 U	6 U	6 U
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	--	--	--	--	--	--	--	--	--	--	6 U	6 U	6 U	6 U
SB-3A-SS	SB-003A	0	1	20040920	--	--	--	--	--	--	--	--	--	--	5 U	5 U	5 U	5 U
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	--	--	--	--	--	--	--	--	--	--	6 U	6 U	6 U	6 U
SB-500-0001	SB-500	0	1	20071127	--	--	--	--	--	--	--	--	--	--	5.7 U	5.7 U	5.7 U	--
SB-501-0001	SB-501	0	1	20071127	--	--	--	--	--	--	--	--	--	--	5.8 U	5.8 U	5.8 U	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	33 U	14 U	15 U	8.5 U	8.5 U	18 U	0.14 U	6.2 U	4.2 U	42 U	8.5 U	7.3 U	8.5 U	7 U	--	4.1 U	19 U
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	1.2 U	0.32 U	0.47 U	0.27 U	0.34 U	0.81 U	0.15 U	0.24 U	0.58 U	1.2 U	0.45 U	0.32 U	0.31 U	0.62 U	--	0.31 U	0.31 U
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	1 U	0.28 U	0.41 U	0.24 U	0.3 U	0.71 U	0.13 U	0.21 U	0.51 U	1 U	0.39 U	0.28 U	0.27 U	0.54 U	--	0.28 U	0.27 U
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	1.2 U	0.34 U	0.49 U	0.28 U	0.36 U	0.84 U	0.16 U	0.25 U	0.61 U	1.2 U	0.47 U	0.34 U	0.32 U	0.65 U	--	0.33 U	0.32 U
E-VS-8-081913	E-VS-08	0	1.5	20130819	1.4 U	0.38 U	0.55 U	0.31 U	0.4 U	0.94 U	0.18 U	0.28 U	0.68 U	1.4 U	0.52 U	0.38 U	0.36 U	0.72 U	--	0.37 U	0.36 U
PUSTA-022916	PUSTA	1	1	20160229	0.49 U	0.39 U	0.93 U	0.43 U	0.59 J	0.9 U	0.53 U	1.5 J	0.67 U	3.1 U	0.61 U	0.39 U	0.53 U	0.16 U	--	0.8 U	0.46 U
PUSTB-030116	PUSTB	1.5	1.5	20160301	0.45 U	0.36 U	0.86 U	0.4 U	0.53 U	0.83 U	0.49 U	0.41 U	0.62 U	2.9 U	0.57 U	0.36 U	0.49 U	0.15 U	--	0.74 U	0.43 U
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	0.47 U	0.38 U	0.89 U	0.41 U	0.56 U	0.87 U	0.51 U	0.42 U	0.64 U	3 U	0.59 U	0.38 U	0.51 U	0.16 U	--	0.77 U	0.44 U
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	0.5 U	0.4 U	0.95 U	0.44 U	0.59 U	0.93 U	0.55 U	0.45 U	0.69 U	3.2 U	0.63 U	0.4 U	0.55 U	0.17 U	--	0.82 U	0.48 U
PUSTC-030116	PUSTC	1.5	1.5	20160301	0.49 U	0.4 U	0.93 U	0.43 U	0.58 U	0.91 U	0.54 U	2.8 J	1.1 J	3.2 U	0.62 U	0.4 U	0.54 U	0.16 U	--	0.8 U	0.47 U
PUSTD-030816	PUSTD	2	2	20160308	0.48 U	0.39 U	0.92 U	0.43 U	0.57 U	0.9 U	0.53 U	0.44 U	0.67 U	3.1 U	0.61 U	0.39 U	0.53 U	0.16 U	--	0.79 U	0.46 U
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	6 U	6 U	6 U	6 U	6 U	6 U	--	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	6 U	6 U	6 U	6 U	6 U	6 U	--	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	6 U	6 U	6 U	6 U	6 U	6 U	--	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	6 U	6 U	6 U	6 U	6 U	6 U	--	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-3A-SS	SB-003A	0	1	20040920	5 U	5 U	5 U	5 U	5 U	5 U	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	6 U	6 U	6 U	6 U	45	6 U	--	140	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-500-0001	SB-500	0	1	20071127	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	0.76 B	0.89 B	11 U	5.7 U	5.7 U	5.7 U	5.7 U	--	5.7 U	5.7 U
SB-501-0001	SB-501	0	1	20071127	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	0.94 B	12 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	6.8 U	20 U	65 J	37 U	7.6 U	17 U	8.4 U	4.1 U	41 U	140 U	10 U	11 U	11 U	8.4 U	16 U	25 U	23 B	5.4 U
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	0.59 U	0.85 U	1.3 U	1.3 U	0.36 U	0.57 U	0.37 U	0.19 U	0.49 U	60 B	0.21 U	0.3 U	0.64 U	0.25 U	0.3 U	0.49 U	0.4 U	0.33 U
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	0.52 U	0.74 U	1.4 J	1.1 U	0.31 U	0.5 U	0.32 U	0.17 U	0.42 U	32 B	0.18 U	0.26 U	0.56 U	0.22 U	0.26 U	0.42 U	0.35 U	0.29 U
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	0.62 U	0.88 U	1.8 J	1.3 U	0.37 U	0.59 U	0.38 U	0.2 U	0.51 U	32 B	0.22 U	0.31 U	0.67 U	0.26 U	0.31 U	0.51 U	0.41 U	0.35 U
E-VS-8-081913	E-VS-08	0	1.5	20130819	0.69 U	0.99 U	4.9 B	1.5 U	0.42 U	0.66 U	0.43 U	0.22 U	0.57 U	66	0.24 U	0.35 U	0.74 U	0.29 U	0.35 U	0.57 U	0.46 U	0.39 U
PUSTA-022916	PUSTA	1	1	20160229	0.32 U	0.51 U	1.3 U	0.74 UJ	0.35 U	0.79 U	0.3 U	0.48 U	1.4 U	6.6 U	1 U	0.38 U	0.38 U	0.34 U	0.28 U	0.49 U	0.68 UJ	0.75 U
PUSTB-030116	PUSTB	1.5	1.5	20160301	0.3 U	0.47 U	1.2 U	0.68 UJ	0.32 U	0.73 U	0.28 U	0.44 U	1.3 U	6.1 U	0.96 U	0.35 U	0.35 U	0.31 U	0.26 U	0.45 U	0.63 UJ	0.7 U
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	0.31 U	0.49 U	1.2 U	0.71 UJ	0.33 U	0.76 U	0.29 U	0.46 U	1.4 U	6.3 U	1 U	0.37 U	0.37 U	0.32 U	0.27 U	0.47 U	0.66 UJ	0.72 U
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	0.33 U	0.52 U	1.3 U	0.76 UJ	0.36 U	0.81 U	0.31 U	0.49 U	1.4 U	6.8 U	1.1 U	0.39 U	0.39 U	0.34 U	0.29 U	0.5 U	0.7 UJ	0.77 U
PUSTC-030116	PUSTC	1.5	1.5	20160301	0.33 U	0.51 U	1.3 U	0.75 UJ	0.35 U	0.79 U	0.3 U	0.48 U	1.4 U	12 U	1 U	0.38 U	0.38 U	0.34 U	0.28 U	0.49 U	0.69 UJ	0.76 U
PUSTD-030816	PUSTD	2	2	20160308	0.32 U	0.51 U	1.3 U	0.74 U	0.34 U	0.78 U	0.3 U	0.47 U	1.4 U	6.5 U	1 U	0.38 U	0.38 U	0.33 U	0.28 U	0.48 U	0.68 UJ	0.75 U
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	6 U	6 U	56 U	6 U	6 U	56 U	6 U	6 U	56 U	56 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	6 U	6 U	59 U	6 U	6 U	59 U	6 U	6 U	59 U	59 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	6 U	6 U	56 U	6 U	6 U	56 U	6 U	6 U	56 U	56 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	6 U	6 U	58 U	6 U	6 U	58 U	6 U	6 U	58 U	58 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-3A-SS	SB-003A	0	1	20040920	5 U	5 U	53 U	5 U	5 U	53 U	5 U	5 U	53 U	53 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	6 U	6 U	60 U	6 U	6 U	60 U	6 U	6 U	60 U	60 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-500-0001	SB-500	0	1	20071127	5.7 U	5.7 U	11 U	11 U	5.7 U	11 U	5.7 U	5.7 U	11 U	11 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U
SB-501-0001	SB-501	0	1	20071127	5.8 U	5.8 U	12 U	12 U	5.8 U	12 U	5.8 U	5.8 U	12 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	5.4 U	10 U	52 U	7.5 U	12 U	44 J	6.7 U	12 U	14 U	42 U	0.19 U	5 J	12 U	5.5 U	10 B	68 J	6 U
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	0.3 U	0.49 U	0.77 U	0.26 U	0.37 U	0.32 U	0.31 U	0.57 U	0.45 U	1.3 U	0.2 U	0.23 U	1.1 U	0.14 U	1.1 U	2.6 J	0.39 U
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	0.26 U	0.43 U	0.68 U	0.23 U	0.32 U	0.28 U	0.27 U	0.5 U	0.39 U	1.2 U	0.17 U	0.2 U	0.94 U	0.13 U	0.94 U	3.3 J	0.34 U
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	0.31 U	0.52 U	0.81 U	0.27 U	0.38 U	0.34 U	0.32 U	0.59 U	0.47 U	1.4 U	0.21 U	0.24 U	1.1 U	0.15 U	1.1 U	3.1 J	0.4 U
E-VS-8-081913	E-VS-08	0	1.5	20130819	0.35 U	0.58 U	0.9 U	0.3 U	0.43 U	0.38 U	0.36 U	0.66 U	0.52 U	1.6 U	0.23 U	0.27 U	1.3 U	0.17 U	1.3 U	--	0.45 U
PUSTA-022916	PUSTA	1	1	20160229	0.61 U	0.43 U	0.51 U	0.42 U	0.92 U	0.32 U	0.82 U	0.49 U	0.32 U	0.68 U	0.48 U	0.37 U	0.46 U	0.23 U	0.49 U	--	0.5 U
PUSTB-030116	PUSTB	1.5	1.5	20160301	0.57 U	0.4 U	0.47 U	0.38 U	0.84 U	0.3 U	0.76 U	0.45 U	0.3 U	0.63 U	0.44 U	0.34 U	0.43 U	0.21 U	0.45 U	--	0.46 U
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	0.59 U	0.41 U	0.49 U	0.4 U	0.88 U	0.31 U	0.79 U	0.47 U	0.31 U	0.66 U	0.46 U	0.36 U	0.44 U	0.22 U	0.47 U	--	0.48 U
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	0.63 U	0.44 U	0.52 U	0.43 U	0.94 U	0.33 U	0.84 U	0.5 U	0.33 U	0.7 U	0.49 U	0.38 U	0.48 U	0.24 U	0.5 U	--	0.51 U
PUSTC-030116	PUSTC	1.5	1.5	20160301	0.62 U	0.43 U	0.51 U	0.42 U	0.92 U	0.33 U	0.83 U	0.49 U	0.33 U	0.69 U	0.48 U	6.8	0.47 U	0.23 U	40	--	0.5 U
PUSTD-030816	PUSTD	2	2	20160308	0.61 U	0.43 U	0.51 U	0.41 U	0.91 U	0.32 U	0.82 U	0.48 U	0.32 U	0.68 U	0.47 U	0.37 U	0.46 U	0.23 U	0.48 U	--	0.49 U
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	--	--	6 U	--	6 U	11 U	--	6 U
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	--	--	6 U	--	6 U	12 U	--	6 U
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	--	--	6 U	--	6 U	11 U	--	6 U
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	--	--	6 U	--	6 U	12 U	--	6 U
SB-3A-SS	SB-003A	0	1	20040920	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--	--	5 U	--	5 U	11 U	--	5 U
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	--	--	6 U	--	6 U	12 U	--	6 U
SB-500-0001	SB-500	0	1	20071127	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	11 U	5.7 U	5.7 U	5.7 U	5.7 U	11 U	--	11 U
SB-501-0001	SB-501	0	1	20071127	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	--	12 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	65 U	10 B	6.8 U	12 U	7.2 U	4 U	4.8 U	0.31 U	5.5 U	200 UR	10 U	160 B	37 B	10 B	--	7.8 U	17 U
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	0.6 U	0.17 U	0.21 U	0.36 U	0.31 U	0.16 U	0.13 U	0.33 U	0.26 U	6.8 UR	0.47 U	--	0.24 U	0.6 U	--	0.37 U	0.49 U
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	0.53 U	0.15 U	0.18 U	0.31 U	0.28 U	0.14 U	0.12 U	0.29 U	0.23 U	6 UR	0.41 U	--	0.21 U	0.53 U	--	0.32 U	0.42 U
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	0.63 U	0.18 U	0.22 U	0.37 U	0.33 U	0.17 U	0.14 U	0.35 U	0.27 U	7.1 UR	0.49 U	--	0.25 U	0.63 U	--	0.38 U	0.51 U
E-VS-8-081913	E-VS-08	0	1.5	20130819	0.7 U	0.2 U	0.24 U	0.42 U	0.37 U	0.19 U	0.16 U	0.39 U	0.3 U	8 UR	0.55 U	--	0.28 U	0.37 U	--	0.43 U	0.57 U
PUSTA-022916	PUSTA	1	1	20160229	1.4 U	0.41 U	0.68 U	0.7 U	0.66 U	1.1 U	0.46 U	0.5 U	0.78 U	6.6 U	0.93 U	--	0.31 U	0.63 U	0 U	0.37 U	0.34 U
PUSTB-030116	PUSTB	1.5	1.5	20160301	1.5 U	0.37 U	0.63 U	0.64 U	0.61 U	0.97 U	0.43 U	0.46 U	0.72 U	6.1 U	0.86 U	--	0.29 U	0.58 U	0 U	0.34 U	0.31 U
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	1.6 U	0.39 U	0.66 U	0.67 U	0.63 U	1 U	0.44 U	0.48 U	0.74 U	6.3 U	0.89 U	--	0.3 U	0.6 U	0 U	0.36 U	0.32 U
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	3 U	0.42 U	0.7 U	0.71 U	0.68 U	1.1 U	0.48 U	0.51 U	0.8 U	6.8 U	0.95 U	--	0.32 U	0.64 U	0 U	0.38 U	0.34 U
PUSTC-030116	PUSTC	1.5	1.5	20160301	1.2 U	0.41 U	0.69 U	0.7 U	17	1.1 U	0.47 U	0.5 U	0.78 U	13 J	0.93 U	--	0.39 J	57	57	0.37 U	0.34 U
PUSTD-030816	PUSTD	2	2	20160308	0.85 U	0.4 U	0.68 U	0.69 U	0.65 U	1 U	0.46 U	0.49 U	0.77 U	6.6 U	0.92 U	--	0.31 U	0.62 U	0 U	0.37 U	0.33 U
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-SS	SB-001A	0	1	20040921	6 U	6 U	6 U	6 U	6 U	6 U	6 U	--	6 U	--	6 U	--	6 U	--	--	6 U	6 U
SB-232-01	SB-232	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-01	SB-233	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-01	SB-234	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-01	SB-235	1	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2A-01	SB-002A	1	1	20040920	9 J	6 U	6 U	6 U	6 U	6 U	6 U	--	6 U	--	6 U	--	6 U	--	--	6 U	6 U
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-SS	SB-035	0	1	20040917	8 J	6 U	6 U	6 U	6 U	6 U	6 U	--	6 U	--	6 U	--	6 U	--	--	6 U	6 U
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-SS	SB-036	0	1	20040917	8 J	6 U	6 U	6 U	6 U	6 U	6 U	--	6 U	--	6 U	--	6 U	--	--	6 U	6 U
SB-3A-SS	SB-003A	0	1	20040920	8 J	5 U	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	--	5 U	--	--	5 U	5 U
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4A-SS	SB-004A	0	1	20040921	8 J	58	6 U	6 U	6 U	6 U	6 U	--	6 U	--	6 U	--	6 U	--	--	6 U	6 U
SB-500-0001	SB-500	0	1	20071127	2.5 B	3.2 B	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	110 UR	5.7 U	--	5.7 U	1.2 J	--	5.7 U	5.7 U
SB-501-0001	SB-501	0	1	20071127	2.8 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U	--	0.37 J	12 U	--	5.8 U	5.8 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
E-VS-4-072913-0-1.5	E-VS-04	0	1.5	20130729	1000	14 U	20 UR	15 U	NORMAL
E-VS-5-072913-0-1.5	E-VS-05	0	1.5	20130729	2.1 J	0.31 U	0.22 UR	0.35 U	NORMAL
E-VS-6-072913-0-1.5	E-VS-06	0	1.5	20130729	0.37 J	0.27 U	0.2 UR	0.31 U	NORMAL
E-VS-7-072913-0-1.5	E-VS-07	0	1.5	20130729	1.8 J	0.32 U	0.23 UR	0.37 U	NORMAL
E-VS-8-081913	E-VS-08	0	1.5	20130819	0.44 U	0.36 U	0.26 UR	0.41 U	NORMAL
PUSTA-022916	PUSTA	1	1	20160229	0.44 U	0.34 U	0.77 U	0.35 U	NORMAL
PUSTB-030116	PUSTB	1.5	1.5	20160301	0.41 U	0.31 U	0.71 U	0.32 U	NORMAL
PUSTB2-030116	PUSTB2	1.5	1.5	20160301	0.42 U	0.32 U	0.73 U	0.33 U	NORMAL
PUSTB3-030116	PUSTB3	0.5	0.5	20160301	0.45 U	0.34 U	0.78 U	0.36 U	NORMAL
PUSTC-030116	PUSTC	1.5	1.5	20160301	0.44 U	0.34 U	0.77 U	0.35 U	NORMAL
PUSTD-030816	PUSTD	2	2	20160308	0.44 U	0.33 U	0.76 U	0.34 U	NORMAL
SB-04B-01	SB-004	1	1	20050512	--	--	--	--	NORMAL
SB-169-SS	SB-169	0	1	20041105	--	--	--	--	NORMAL
SB-1A-SS	SB-001A	0	1	20040921	6 U	6 U	6 U	6 U	NORMAL
SB-232-01	SB-232	1	1	20050512	--	--	--	--	NORMAL
SB-232-SS	SB-232	0	1	20050512	--	--	--	--	NORMAL
SB-233-01	SB-233	1	1	20050512	--	--	--	--	NORMAL
SB-233-SS	SB-233	0	1	20050512	--	--	--	--	NORMAL
SB-234-01	SB-234	1	1	20050512	--	--	--	--	NORMAL
SB-234-SS	SB-234	0	1	20050512	--	--	--	--	NORMAL
SB-235-01	SB-235	1	1	20050512	--	--	--	--	NORMAL
SB-235-SS	SB-235	0	1	20050512	--	--	--	--	NORMAL
SB-2A-01	SB-002A	1	1	20040920	6 U	6 U	6 U	6 U	NORMAL
SB-345-0001	SB-345	0	1	20071102	--	--	--	--	NORMAL
SB-346-0001	SB-346	0	1	20071102	--	--	--	--	NORMAL
SB-347-0001	SB-347	0	1	20071102	--	--	--	--	NORMAL
SB-348-0001	SB-348	0	1	20071102	--	--	--	--	NORMAL
SB-349-0001	SB-349	0	1	20071102	--	--	--	--	NORMAL
SB-350-0001	SB-350	0	1	20071102	--	--	--	--	NORMAL
SB-351-0001	SB-351	0	1	20071102	--	--	--	--	NORMAL
SB-352-0001	SB-352	0	1	20071102	--	--	--	--	NORMAL
SB-353-0001	SB-353	0	1	20071102	--	--	--	--	NORMAL
SB-354-0001	SB-354	0	1	20071102	--	--	--	--	NORMAL
SB-355-0001	SB-355	0	1	20071102	--	--	--	--	NORMAL
SB-356-0001	SB-356	0	1	20071102	--	--	--	--	NORMAL
SB-357-0001	SB-357	0	1	20071102	--	--	--	--	NORMAL
SB-358-0001	SB-358	0	1	20071102	--	--	--	--	NORMAL
SB-359-0001	SB-359	0	1	20071102	--	--	--	--	NORMAL
SB-35-SS	SB-035	0	1	20040917	6 U	6 U	6 U	6 U	NORMAL
SB-360-0001	SB-360	0	1	20071102	--	--	--	--	NORMAL
SB-361-0001	SB-361	0	1	20071102	--	--	--	--	NORMAL
SB-362-0001	SB-362	0	1	20071102	--	--	--	--	NORMAL
SB-363-0001	SB-363	0	1	20071102	--	--	--	--	NORMAL
SB-364-0001	SB-364	0	1	20071102	--	--	--	--	NORMAL
SB-36-SS	SB-036	0	1	20040917	6 U	6 U	6 U	6 U	NORMAL
SB-3A-SS	SB-003A	0	1	20040920	5 U	5 U	5 U	5 U	NORMAL
SB-41S-SS	SB-041	0	1	20041105	--	--	--	--	NORMAL
SB-42S-SS	SB-042	0	1	20041105	--	--	--	--	NORMAL
SB-4A-SS	SB-004A	0	1	20040921	6 U	6 U	6 U	6 U	NORMAL
SB-500-0001	SB-500	0	1	20071127	5.7 U	5.7 U	11 U	5.7 U	NORMAL
SB-501-0001	SB-501	0	1	20071127	5.8 U	5.8 U	12 U	5.8 U	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-502-0001	SB-502	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001-AVG	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001-D	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0001	SB-504	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0001	SB-505	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001-AVG	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001-D	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0001	SB-507	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0001	SB-508	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0001	SB-509	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0001	SB-510	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0001	SB-511	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0001	SB-512	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0001	SB-513	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0001	SB-514	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0001	SB-515	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-516-0001	SB-516	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0001	SB-517	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0001	SB-518	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0001	SB-519	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0001	SB-520	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
SB-502-0001	SB-502	0	1	20071127	--	--	0.12 B	1.8 L	34	0.29	0.19	8.4 K	2.2 J	5.6 J	5610	20.4 J	81.6 L	0.02 U	0.22 B	5.8	0.19 UL
SB-503-0001	SB-503	0	1	20071127	--	--	2.2 J	2.6 L	121 J	0.88 J	1.5 J	33.4 J	5 J	12.7 J	13300	68.2 J	1370 J	0.02 U	0.59 J	11	0.25 L
SB-503-0001-AVG	SB-503	0	1	20071127	--	--	1.345	2.45	82.1	0.6	1.16	25.7	4.05	12.1	10655	53.1	788	0.13	0.38	8.8	0.245
SB-503-0001-D	SB-503	0	1	20071127	--	--	0.49 J	2.3	43.2 J	0.32 J	0.82 J	18 J	3.1	11.5 J	8010	38 J	205 J	0.25	0.33 B	6.6	0.24
SB-504-0001	SB-504	0	1	20071127	--	--	0.089 B	0.53 L	153	0.12	0.41 K	12.7 J	4.6	13.8 J	20800	8.6 J	231	0.41	0.78 B	6.9	0.18 U
SB-505-0001	SB-505	0	1	20071127	--	--	0.89	3.5	90	0.54	6.4	83.7 J	4	26.8 J	9150	278 J	11.2	0.13	1.2 L	18.5	0.42
SB-506-0001	SB-506	0	1	20071128	--	--	0.073 B	1.8	19.2	0.22	0.014 B	7.1 J	2.1	3.8 J	13700	4 J	172 J	0.02 U	0.3 B	4.1	0.18 U
SB-506-0001-AVG	SB-506	0	1	20071128	--	--	0.066 U	1.75	17.1	0.23	0.013	8.65	2.25	4.75	11780	4.1	109	0.02 U	0.25 U	4.75	0.18 U
SB-506-0001-D	SB-506	0	1	20071128	--	--	0.059 B	1.7	15	0.24	0.018	10.2 J	2.4	5.7 J	9860	4.2 J	46.5 J	0.02 U	0.19 B	5.4	0.18 U
SB-507-0001	SB-507	0	1	20071128	--	--	0.13 B	2.1	20.7	2	0.11 K	11.2 J	10.8	12.7 J	20400	10.9 J	135	0.29	0.15 B	15.6	0.32
SB-508-0001	SB-508	0	1	20071128	--	--	0.14 B	2.5	19.3	0.59	0.044 K	11.1 J	27.2	10.8 J	13800	3.8 J	42.1	0.02 U	0.58 B	9.1	0.19 U
SB-509-0001	SB-509	0	1	20071129	--	--	0.031 L	1.5 J	12.5 K	0.3	0.012 B	6.3 J	3.9	4.9 J	10400	3 J	27.4 L	0.02 UL	0.16 B	3.2 J	0.18 UL
SB-510-0001	SB-510	0	1	20071128	--	--	0.29 L	9.6 J	12.2 K	0.21	0.036 K	10.1 J	3.9	27.9 J	13400	2 J	83.4 L	0.02 UL	3.2 J	11.1 J	0.18 UL
SB-511-0001	SB-511	0	1	20071129	--	--	0.23 L	0.52 J	15.1 K	1.8	0.029 K	15.5 J	4.2	16.9 J	24400	6.8 J	53.7 L	0.02 UL	0.09 B	16.3 J	1.1 L
SB-512-0001	SB-512	0	1	20071129	--	--	0.083 L	1.5 J	15.8 K	0.55	0.093 K	11.4 J	3.7	11.4 J	13200	4.5 J	66.5 L	0.02 UL	0.31 B	8.7 J	0.18 UL
SB-513-0001	SB-513	0	1	20071129	--	--	0.18 L	1.7 J	26.4 K	0.35	0.11 K	12.7 J	3.9	7.1 J	13800	9.3 J	122 L	0.02 UL	0.08 UL	6.5 J	0.19 UL
SB-514-0001	SB-514	0	1	20071129	--	--	0.098 L	1.5 J	20.4 K	1	0.78	15.8 J	17.5	22.8 J	16100	11.4 J	133 L	0.02 UL	0.08 B	15.4 J	0.27 L
SB-515-0001	SB-515	0	1	20071129	--	--	0.29 L	0.99 J	24.1 K	0.84	0.45	11.3 J	4.1	12.5 J	11900	36.7 J	152 L	0.07 L	0.09 B	11.8 J	0.19 UL
SB-516-0001	SB-516	0	1	20071130	--	--	0.23 L	0.94 L	13.7	1.1	0.16 K	11.8 J	2.8 J	10.3 L	16600	5.7 L	69.5 L	0.19 L	0.23 B	10.9 L	0.34 L
SB-517-0001	SB-517	0	1	20071130	--	--	0.18 L	1.1 L	15.1	1.6	0.07 K	9.3 J	5.7 J	16.5 L	17600	11.4 L	65.4 L	0.02 UL	0.12 B	13.1 J	0.69 L
SB-518-0001	SB-518	0	1	20071130	--	--	0.18 J	2.2 L	20.1	1.2	0.022 K	11.5 J	3.9 J	14.5 L	29900	4.7 L	85 L	0.02 UL	0.18 B	7.4 L	0.35 L
SB-519-0001	SB-519	0	1	20071130	--	--	0.12 J	1.6 L	16	0.95	0.019 K	10.5 J	3.8 J	11.2 L	14600	3.9 L	74.9 L	0.02 UL	0.16 B	8.1 L	0.62 L
SB-520-0001	SB-520	0	1	20071130	--	--	0.22 L	0.82 L	9	1.4	0.029 K	7.5 J	4.6 J	10.8 L	17800	5.3 L	41.7 L	0.02 UL	0.64 J	10.2 L	0.44 L
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
SB-502-0001	SB-502	0	1	20071127	0.056	0.032 B	--	--	--	--	--	12.4	39.7 J	84.4	--	--	--	--	--
SB-503-0001	SB-503	0	1	20071127	0.23	0.069 B	--	--	--	--	--	53.4	175 J	85.6	--	--	--	--	--
SB-503-0001-AVG	SB-503	0	1	20071127	0.235	0.059	--	--	--	--	--	42.65	127.8	81.4	--	--	--	--	--
SB-503-0001-D	SB-503	0	1	20071127	0.24	0.083 K	--	--	--	--	--	31.9 J	80.6 J	77.2	--	--	--	--	--
SB-504-0001	SB-504	0	1	20071127	0.092	0.38	--	--	--	--	--	22.8 J	63.8	91.2	--	--	--	--	--
SB-505-0001	SB-505	0	1	20071127	0.38	0.098 K	--	--	--	--	--	60.7 J	302	82.8	--	--	--	--	--
SB-506-0001	SB-506	0	1	20071128	0.049	0.054 K	--	--	--	--	--	13 J	12.2	87.5	--	--	--	--	--
SB-506-0001-AVG	SB-506	0	1	20071128	0.033	0.059	--	--	--	--	--	13.95	14.4	87.1	--	--	--	--	--
SB-506-0001-D	SB-506	0	1	20071128	0.035 B	0.063 K	--	--	--	--	--	14.9 J	16.6	86.7	--	--	--	--	--
SB-507-0001	SB-507	0	1	20071128	0.2	0.07 K	--	--	--	--	--	17.1 J	78.2	85.8	--	--	--	--	--
SB-508-0001	SB-508	0	1	20071128	0.14	0.038 B	--	--	--	--	--	15.9 J	16.2	85.9	--	--	--	--	--
SB-509-0001	SB-509	0	1	20071129	0.031	0.055 B	--	--	--	--	--	11.4 J	11.1	86.7	--	--	--	--	--
SB-510-0001	SB-510	0	1	20071128	0.058	0.02 B	--	--	--	--	--	8.5 J	12.6	89.4	--	--	--	--	--
SB-511-0001	SB-511	0	1	20071129	0.099 K	0.064 B	--	--	--	--	--	20.6 J	20.5	87.3	--	--	--	--	--
SB-512-0001	SB-512	0	1	20071129	0.06	0.023 B	--	--	--	--	--	14.3 J	16.7	88.6	--	--	--	--	--
SB-513-0001	SB-513	0	1	20071129	0.06	0.031 B	--	--	--	--	--	10.6 J	23.2	85.5	--	--	--	--	--
SB-514-0001	SB-514	0	1	20071129	0.079	0.055 B	--	--	--	--	--	18.8 J	47.3	86.3	--	--	--	--	--
SB-515-0001	SB-515	0	1	20071129	0.12	0.041 B	--	--	--	--	--	15 J	57	84.8	--	--	--	--	--
SB-516-0001	SB-516	0	1	20071130	0.12	0.041 K	--	--	--	--	--	20.3 J	25.9	83.9	--	--	--	--	--
SB-517-0001	SB-517	0	1	20071130	0.086	0.034 K	--	--	--	--	--	15.8 J	46.7	88.4	--	--	--	--	--
SB-518-0001	SB-518	0	1	20071130	0.097	0.061 K	--	--	--	--	--	17.6 J	23.6	82.9	--	--	--	--	--
SB-519-0001	SB-519	0	1	20071130	0.086	0.045 K	--	--	--	--	--	20.2 J	17.3	85	--	--	--	--	--
SB-520-0001	SB-520	0	1	20071130	0.065	0.026 K	--	--	--	--	--	12 J	23.2	81	--	--	--	--	--
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	79	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	80	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	86.9	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	83.3	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	77.1	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	76	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	46.1	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	77.5	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	83.9	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	74.5	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	86.5	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	76	--	--	--	--	--
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	74.7	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	68.3	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	86.6	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	63.3	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	65.2	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	75.1	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	75.9	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	81.9	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	82	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	94	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	79	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	79	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	82	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	81	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	88	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	86	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-502-0001	SB-502	0	1	20071127	--	--	--	--	--	--	--	--	390 U	390 U	390 U	390 U	390 U	390 U	1200
SB-503-0001	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	390 U	390 U	390 U	390 U	390 U	390 U	1700
SB-503-0001-AVG	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	216.5 U	216.5 U	216.5 U	216.5 U	216.5 U	216.5 U	910
SB-503-0001-D	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	43 U	43 U	43 U	43 U	43 U	43 U	120
SB-504-0001	SB-504	0	1	20071127	--	--	--	--	--	--	--	--	180 U	180 U	180 U	180 U	180 U	180 U	1200
SB-505-0001	SB-505	0	1	20071127	--	--	--	--	--	--	--	--	20000 U	20000 U	20000 U	20000 U	20000 U	20000 U	99000
SB-506-0001	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	38 U	12 J
SB-506-0001-AVG	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	38 U	11.5
SB-506-0001-D	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	38 U	11 J
SB-507-0001	SB-507	0	1	20071128	--	--	--	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	38 U	38 U
SB-508-0001	SB-508	0	1	20071128	--	--	--	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	38 U	15 J
SB-509-0001	SB-509	0	1	20071129	--	--	--	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	38 U	38 U
SB-510-0001	SB-510	0	1	20071128	--	--	--	--	--	--	--	--	37 U	37 U	37 U	37 U	37 U	37 U	31 J
SB-511-0001	SB-511	0	1	20071129	--	--	--	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	38 U	49
SB-512-0001	SB-512	0	1	20071129	--	--	--	--	--	--	--	--	37 U	37 U	37 U	37 U	37 U	37 U	30 J
SB-513-0001	SB-513	0	1	20071129	--	--	--	--	--	--	--	--	39 U	39 U	39 U	39 U	39 U	39 U	84
SB-514-0001	SB-514	0	1	20071129	--	--	--	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	38 U	38 U
SB-515-0001	SB-515	0	1	20071129	--	--	--	--	--	--	--	--	39 U	39 U	39 U	39 U	39 U	39 U	290
SB-516-0001	SB-516	0	1	20071130	--	--	--	--	--	--	--	--	39 U	39 U	39 U	39 U	39 U	39 U	39 U
SB-517-0001	SB-517	0	1	20071130	--	--	--	--	--	--	--	--	37 U	37 U	37 U	37 U	37 U	37 U	37 U
SB-518-0001	SB-518	0	1	20071130	--	--	--	--	--	--	--	--	40 U	40 U	40 U	40 U	40 U	40 U	40 U
SB-519-0001	SB-519	0	1	20071130	--	--	--	--	--	--	--	--	39 U	39 U	39 U	39 U	39 U	39 U	39 U
SB-520-0001	SB-520	0	1	20071130	--	--	--	--	--	--	--	--	41 U	41 U	41 U	41 U	41 U	41 U	41 U
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	420 U	420 U	420 U	420 U	420 U	420 U	3100
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	410 U	410 U	410 U	410 U	410 U	410 U	3400
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	380 U	380 U	380 U	380 U	380 U	380 U	2100
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	7900 U	7900 U	7900 U	7900 U	7900 U	7900 U	52000
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	8600 U	8600 U	8600 U	8600 U	8600 U	8600 U	54000
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	22000 U	22000 U	22000 U	22000 U	22000 U	22000 U	82000
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	7200 U	7200 U	7200 U	7200 U	7200 U	7200 U	62000
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	4300 U	4300 U	4300 U	4300 U	4300 U	4300 U	34000
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	200000 U	200000 U	200000 U	200000 U	200000 U	200000 U	2E+06
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	89000 U	89000 U	89000 U	89000 U	89000 U	89000 U	690000
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	38000 U	38000 U	38000 U	38000 U	38000 U	38000 U	190000
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	430 U	430 U	430 U	430 U	430 U	430 U	2100
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	8800 U	8800 U	8800 U	8800 U	8800 U	8800 U	53000
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	9700 U	9700 U	9700 U	9700 U	9700 U	9700 U	49000
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	1900 U	1900 U	1900 U	1900 U	1900 U	1900 U	6000
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	26000 U	26000 U	26000 U	26000 U	26000 U	26000 U	77000
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	2500 U	2500 U	2500 U	2500 U	2500 U	2500 U	10000
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	880 U	880 U	880 U	880 U	880 U	880 U	4500
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	4300 U	4300 U	4300 U	4300 U	4300 U	4300 U	18000
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	400 U	400 U	400 U	400 U	400 U	400 U	1800
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	89 U	89 U	89 U	89 U	89 U	89 U	490
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	21 U	21 U	21 U	21 U	21 U	21 U	19 J
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	21 U	21 U	21 U	21 U	21 U	21 U	21 J
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-502-0001	SB-502	0	1	20071127	--	--	1200	2370	--	--	--	--	130000	--	2000 U	2000 U	84 J	360 J
SB-503-0001	SB-503	0	1	20071127	--	--	1700	2870	--	--	--	--	650000	--	190 J	470 J	330 J	1500 J
SB-503-0001-AVG	SB-503	0	1	20071127	--	--	910	1559.5	--	--	--	--	347500	--	105	277	183	835
SB-503-0001-D	SB-503	0	1	20071127	--	--	120	249	--	--	--	--	45000	--	20 J	84 J	36 J	170 J
SB-504-0001	SB-504	0	1	20071127	--	--	1200	1740	--	--	--	--	52000	--	360 U	7.5 J	360 U	16 J
SB-505-0001	SB-505	0	1	20071127	--	--	99000	159000	--	--	--	--	170000	--	9.8 J	45 J	13 J	95 J
SB-506-0001	SB-506	0	1	20071128	--	--	12	126	--	--	--	--	14000 B	--	380 U	380 U	380 U	380 U
SB-506-0001-AVG	SB-506	0	1	20071128	--	--	11.5	125.5	--	--	--	--	4800 J	--	380 U	380 U	380 U	380 U
SB-506-0001-D	SB-506	0	1	20071128	--	--	11	125	--	--	--	--	4800 J	--	380 U	380 U	380 U	380 U
SB-507-0001	SB-507	0	1	20071128	--	--	0 U	133	--	--	--	--	13000	--	380 U	380 U	380 U	380 U
SB-508-0001	SB-508	0	1	20071128	--	--	15	129	--	--	--	--	5900 J	--	26 J	380 U	380 U	380 U
SB-509-0001	SB-509	0	1	20071129	--	--	0 U	133	--	--	--	--	10000 B	--	380 U	380 U	380 U	380 U
SB-510-0001	SB-510	0	1	20071128	--	--	31	142	--	--	--	--	22000 B	--	370 U	370 U	370 U	370 U
SB-511-0001	SB-511	0	1	20071129	--	--	49	163	--	--	--	--	9000 B	--	380 U	380 U	380 U	380 U
SB-512-0001	SB-512	0	1	20071129	--	--	30	141	--	--	--	--	33000	--	370 U	370 U	370 U	370 U
SB-513-0001	SB-513	0	1	20071129	--	--	84	201	--	--	--	--	2200 J	--	390 U	390 U	390 U	390 U
SB-514-0001	SB-514	0	1	20071129	--	--	0 U	133	--	--	--	--	1800 B	--	380 U	380 U	380 U	380 U
SB-515-0001	SB-515	0	1	20071129	--	--	290	407	--	--	--	--	2200 J	--	390 U	32 J	390 U	71 J
SB-516-0001	SB-516	0	1	20071130	--	--	0 U	136.5	--	--	--	--	23000	--	390 U	390 U	390 U	34 J
SB-517-0001	SB-517	0	1	20071130	--	--	0 U	129.5	--	--	--	--	4000 J	--	370 U	370 U	370 U	370 U
SB-518-0001	SB-518	0	1	20071130	--	--	0 U	140	--	--	--	--	610 B	--	400 U	400 U	400 U	400 U
SB-519-0001	SB-519	0	1	20071130	--	--	0 U	136.5	--	--	--	--	2800 B	--	390 U	390 U	390 U	390 U
SB-520-0001	SB-520	0	1	20071130	--	--	0 U	143.5	--	--	--	--	5200 B	--	410 U	410 U	410 U	410 U
SB-521-0001	SB-521	0	1	20071204	--	--	3100	4360	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	3400	4630	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	2100	3240	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	52000	75700	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	54000	79800	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	82000	148000	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	62000	83600	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	34000	46900	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	1500000	2100000	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	690000	957000	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	190000	304000	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	2100	3390	--	--	--	--	--	--	--	--	--	--
SB-533-0001	SB-533	0	1	20071204	--	--	53000	79400	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	49000	78100	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	6000	11700	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	77000	155000	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	10000	17500	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	4500	7140	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	18000	30900	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	1800	3000	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	490	757	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	19	82	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	21	84	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUAL ENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
SB-502-0001	SB-502	0	1	20071127	5574.4	5574.4	5574.4	4000	3900	4500	2100	2100	3400	590 J	6100	2000 U	2100	2000
SB-503-0001	SB-503	0	1	20071127	10998.7	10998.7	10998.7	7300	7600	8100	5000 J	3100 J	7700	1400 J	14000	580 J	4200 J	180
SB-503-0001-AVG	SB-503	0	1	20071127	5944.21	5944.21	5944.21	3955	4100	4450	2685	1705	4160	755	7650	327.5	2275	102
SB-503-0001-D	SB-503	0	1	20071127	889.72	889.72	889.72	610	600	800	370 J	310 J	620	110 J	1300	75 J	350 J	24
SB-504-0001	SB-504	0	1	20071127	306.01	126.01	259.446	93 J	95 J	150 J	67 J	71 J	100 J	360 U	220 J	360 U	59 J	360
SB-505-0001	SB-505	0	1	20071127	826.78	826.78	826.78	530	560	770	360 J	330 J	480	100 J	1100	35 J	330 J	13
SB-506-0001	SB-506	0	1	20071128	380 U	380 U	56.7	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380
SB-506-0001-AVG	SB-506	0	1	20071128	380 U	380 U	59.6581	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380
SB-506-0001-D	SB-506	0	1	20071128	380 U	380 U	62.6161	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380
SB-507-0001	SB-507	0	1	20071128	228.614	17.714	72.8014	12 J	14 J	25 J	8 J	380 U	14 J	380 U	19 J	380 U	380 U	380
SB-508-0001	SB-508	0	1	20071128	380 U	380 U	89.089	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	10
SB-509-0001	SB-509	0	1	20071129	380 U	380 U	98.1955	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380
SB-510-0001	SB-510	0	1	20071128	216.484	31.484	101.25	29 J	23 J	41 J	16 J	15 J	34 J	370 U	57 J	370 U	13 J	370
SB-511-0001	SB-511	0	1	20071129	97.225	97.225	97.225	59 J	62 J	100 J	55 J	55 J	75 J	14 J	120 J	380 U	47 J	380
SB-512-0001	SB-512	0	1	20071129	211.174	24.324	120.542	22 J	17 J	37 J	16 J	370 U	24 J	370 U	61 J	370 U	14 J	370
SB-513-0001	SB-513	0	1	20071129	432.645	1.5	104.21	390 U	390 U	15 J	390 U	390 U	390 U	390 U	9.5 J	390 U	390 U	390
SB-514-0001	SB-514	0	1	20071129	380 U	380 U	173.524	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380
SB-515-0001	SB-515	0	1	20071129	947.58	947.58	947.58	550	630	860	490	390	680	130 J	1200	26 J	420	390
SB-516-0001	SB-516	0	1	20071130	392.44	197.44	291.417	170 J	150 J	210 J	96 J	97 J	170 J	390 U	320 J	390 U	83 J	390
SB-517-0001	SB-517	0	1	20071130	205.42	20.42	153.856	13 J	15 J	31 J	11 J	8.7 J	13 J	370 U	15 J	370 U	9.2 J	370
SB-518-0001	SB-518	0	1	20071130	400 U	400 U	89.9491	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400
SB-519-0001	SB-519	0	1	20071130	432.345	1.2	153.857	390 U	390 U	12 J	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390
SB-520-0001	SB-520	0	1	20071130	248.889	41.839	81.5674	33 J	32 J	46 J	22 J	410 U	39 J	410 U	69 J	410 U	19 J	410
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	YCLIC MATIC ARBONS	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
SB-502-0001	SB-502	0	1	20071127	U	650 J	5400	35284	--	--	--	--	--	--	--	--	--	--
SB-503-0001	SB-503	0	1	20071127	J	5600 J	16000	83250	--	--	--	--	--	--	--	--	--	--
SB-503-0001-AVG	SB-503	0	1	20071127		3135	8500	45199.5	--	--	--	--	--	--	--	--	--	--
SB-503-0001-D	SB-503	0	1	20071127	J	670	1000	7149	--	--	--	--	--	--	--	--	--	--
SB-504-0001	SB-504	0	1	20071127	U	74 J	170 J	1122.5	--	--	--	--	--	--	--	--	--	--
SB-505-0001	SB-505	0	1	20071127	J	570	810	6150.8	--	--	--	--	--	--	--	--	--	--
SB-506-0001	SB-506	0	1	20071128	U	380 U	380 U	0 U	--	--	--	--	--	--	--	--	--	--
SB-506-0001-AVG	SB-506	0	1	20071128	U	380 U	380 U	0 U	--	--	--	--	--	--	--	--	--	--
SB-506-0001-D	SB-506	0	1	20071128	U	380 U	380 U	0 U	--	--	--	--	--	--	--	--	--	--
SB-507-0001	SB-507	0	1	20071128	U	9.4 J	16 J	117.4	--	--	--	--	--	--	--	--	--	--
SB-508-0001	SB-508	0	1	20071128	J	17 J	380 U	53	--	--	--	--	--	--	--	--	--	--
SB-509-0001	SB-509	0	1	20071129	U	380 U	380 U	0 U	--	--	--	--	--	--	--	--	--	--
SB-510-0001	SB-510	0	1	20071128	U	25 J	44 J	297	--	--	--	--	--	--	--	--	--	--
SB-511-0001	SB-511	0	1	20071129	U	29 J	83 J	699	--	--	--	--	--	--	--	--	--	--
SB-512-0001	SB-512	0	1	20071129	U	59 J	47 J	297	--	--	--	--	--	--	--	--	--	--
SB-513-0001	SB-513	0	1	20071129	U	390 U	390 U	24.5	--	--	--	--	--	--	--	--	--	--
SB-514-0001	SB-514	0	1	20071129	U	380 U	380 U	0 U	--	--	--	--	--	--	--	--	--	--
SB-515-0001	SB-515	0	1	20071129	U	430	830	6739	--	--	--	--	--	--	--	--	--	--
SB-516-0001	SB-516	0	1	20071130	U	120 J	250 J	1700	--	--	--	--	--	--	--	--	--	--
SB-517-0001	SB-517	0	1	20071130	U	370 U	13 J	128.9	--	--	--	--	--	--	--	--	--	--
SB-518-0001	SB-518	0	1	20071130	U	400 U	400 U	0 U	--	--	--	--	--	--	--	--	--	--
SB-519-0001	SB-519	0	1	20071130	U	390 U	390 U	12	--	--	--	--	--	--	--	--	--	--
SB-520-0001	SB-520	0	1	20071130	U	40 J	57 J	357	--	--	--	--	--	--	--	--	--	--
SB-521-0001	SB-521	0	1	20071204		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-533-0001	SB-533	0	1	20071204		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
SB-502-0001	SB-502	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001-AVG	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001-D	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0001	SB-504	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0001	SB-505	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001-AVG	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001-D	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0001	SB-507	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0001	SB-508	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0001	SB-509	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0001	SB-510	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0001	SB-511	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0001	SB-512	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0001	SB-513	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0001	SB-514	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0001	SB-515	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-516-0001	SB-516	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0001	SB-517	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0001	SB-518	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0001	SB-519	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0001	SB-520	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
SB-502-0001	SB-502	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001-AVG	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001-D	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0001	SB-504	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0001	SB-505	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001-AVG	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001-D	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0001	SB-507	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0001	SB-508	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0001	SB-509	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0001	SB-510	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0001	SB-511	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0001	SB-512	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0001	SB-513	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0001	SB-514	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0001	SB-515	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-516-0001	SB-516	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0001	SB-517	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0001	SB-518	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0001	SB-519	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0001	SB-520	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
SB-502-0001	SB-502	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	2000 U	--
SB-503-0001	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	5800 U	--
SB-503-0001-AVG	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	3115 U	--
SB-503-0001-D	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	430 U	--
SB-504-0001	SB-504	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	360 U	--
SB-505-0001	SB-505	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	400 U	--
SB-506-0001	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	380 U	--
SB-506-0001-AVG	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	380 U	--
SB-506-0001-D	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	380 U	--
SB-507-0001	SB-507	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	380 U	--
SB-508-0001	SB-508	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	380 U	--
SB-509-0001	SB-509	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	380 U	--
SB-510-0001	SB-510	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	370 U	--
SB-511-0001	SB-511	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	380 U	--
SB-512-0001	SB-512	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	370 U	--
SB-513-0001	SB-513	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	390 U	--
SB-514-0001	SB-514	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	380 U	--
SB-515-0001	SB-515	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	390 U	--
SB-516-0001	SB-516	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	390 U	--
SB-517-0001	SB-517	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	370 U	--
SB-518-0001	SB-518	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	400 U	--
SB-519-0001	SB-519	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	390 U	--
SB-520-0001	SB-520	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	410 U	--
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-502-0001	SB-502	0	1	20071127	2000 U	2000 U	2000 U	2000 U	2000 U	3900 U	2000 U	2000 U	2000 U	2000 U	--	2000 U	3900 U	2000 U	--
SB-503-0001	SB-503	0	1	20071127	5800 U	5800 U	5800 U	5800 U	5800 U	12000 U	5800 U	5800 U	5800 U	5800 U	--	5800 U	12000 U	5800 U	--
SB-503-0001-AVG	SB-503	0	1	20071127	3115 U	3115 U	3115 U	3115 U	3115 U	6425 U	3115 U	3115 U	3115 U	3115 U	--	3115 U	6425 U	3115 U	--
SB-503-0001-D	SB-503	0	1	20071127	430 U	430 U	430 U	430 U	430 U	850 U	430 U	430 U	430 U	430 U	--	430 U	850 U	430 U	--
SB-504-0001	SB-504	0	1	20071127	360 U	360 U	360 U	360 U	360 U	720 U	360 U	360 U	360 U	360 U	--	360 U	720 U	360 U	--
SB-505-0001	SB-505	0	1	20071127	400 U	400 U	400 U	400 U	400 U	800 U	400 U	400 U	400 U	400 U	--	400 U	800 U	400 U	--
SB-506-0001	SB-506	0	1	20071128	380 U	380 U	380 U	380 U	380 U	750 U	380 U	380 U	380 U	380 U	--	380 U	750 U	380 U	--
SB-506-0001-AVG	SB-506	0	1	20071128	380 U	380 U	380 U	380 U	380 U	755 U	380 U	380 U	380 U	380 U	--	380 U	755 U	380 U	--
SB-506-0001-D	SB-506	0	1	20071128	380 U	380 U	380 U	380 U	380 U	760 U	380 U	380 U	380 U	380 U	--	380 U	760 U	380 U	--
SB-507-0001	SB-507	0	1	20071128	380 U	380 U	380 U	380 U	380 U	770 U	380 U	380 U	380 U	380 U	--	380 U	770 U	380 U	--
SB-508-0001	SB-508	0	1	20071128	380 U	380 U	380 U	380 U	380 U	770 U	380 U	380 U	380 U	380 U	--	380 U	770 U	380 U	--
SB-509-0001	SB-509	0	1	20071129	380 U	380 U	380 U	380 U	380 U	760 U	380 U	380 U	380 U	380 U	--	380 U	760 U	380 U	--
SB-510-0001	SB-510	0	1	20071128	370 U	370 U	370 U	370 U	370 U	740 U	370 U	370 U	370 U	370 U	--	370 U	740 U	370 U	--
SB-511-0001	SB-511	0	1	20071129	380 U	380 U	380 U	380 U	380 U	760 U	380 U	380 U	380 U	380 U	--	380 U	760 U	380 U	--
SB-512-0001	SB-512	0	1	20071129	370 U	370 U	370 U	370 U	370 U	750 U	370 U	370 U	370 U	370 U	--	370 U	750 U	370 U	--
SB-513-0001	SB-513	0	1	20071129	390 U	390 U	390 U	390 U	390 U	770 U	390 U	390 U	390 U	390 U	--	390 U	770 U	390 U	--
SB-514-0001	SB-514	0	1	20071129	380 U	380 U	380 U	380 U	380 U	760 U	380 U	380 U	380 U	380 U	--	380 U	760 U	380 U	--
SB-515-0001	SB-515	0	1	20071129	390 U	390 U	390 U	390 U	390 U	780 U	390 U	390 U	390 U	390 U	--	390 U	780 U	390 U	--
SB-516-0001	SB-516	0	1	20071130	390 U	390 U	390 U	390 U	390 U	790 U	390 U	390 U	390 U	390 U	--	390 U	790 U	390 U	--
SB-517-0001	SB-517	0	1	20071130	370 U	370 U	370 U	370 U	370 U	750 U	370 U	370 U	370 U	370 U	--	370 U	750 U	370 U	--
SB-518-0001	SB-518	0	1	20071130	400 U	400 U	400 U	400 U	400 U	800 U	400 U	400 U	400 U	400 U	--	400 U	800 U	400 U	--
SB-519-0001	SB-519	0	1	20071130	390 U	390 U	390 U	390 U	390 U	780 U	390 U	390 U	390 U	390 U	--	390 U	780 U	390 U	--
SB-520-0001	SB-520	0	1	20071130	410 U	410 U	410 U	410 U	410 U	810 U	410 U	410 U	410 U	410 U	--	410 U	810 U	410 U	--
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-502-0001	SB-502	0	1	20071127	2000 U	3900 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	3900 U	--	--	390 U	--	2000 U
SB-503-0001	SB-503	0	1	20071127	5800 U	12000 U	5800 U	5800 U	5800 U	5800 U	5800 U	5800 U	5800 U	12000 U	--	--	1200 U	--	5800 U
SB-503-0001-AVG	SB-503	0	1	20071127	3115 U	6425 U	3115 U	3115 U	3115 U	3115 U	3115 U	3115 U	3115 U	6425 U	--	--	643 U	--	3115 U
SB-503-0001-D	SB-503	0	1	20071127	430 U	850 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	850 U	--	--	86 U	--	430 U
SB-504-0001	SB-504	0	1	20071127	360 U	720 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	720 U	--	--	73 U	--	360 U
SB-505-0001	SB-505	0	1	20071127	400 U	800 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	800 U	--	--	80 U	--	400 U
SB-506-0001	SB-506	0	1	20071128	380 U	750 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	750 U	--	--	76 U	--	380 U
SB-506-0001-AVG	SB-506	0	1	20071128	380 U	755 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	755 U	--	--	76.5 U	--	380 U
SB-506-0001-D	SB-506	0	1	20071128	380 U	760 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	760 U	--	--	77 U	--	380 U
SB-507-0001	SB-507	0	1	20071128	380 U	770 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	770 U	--	--	78 U	--	380 U
SB-508-0001	SB-508	0	1	20071128	380 U	770 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	770 U	--	--	78 U	--	380 U
SB-509-0001	SB-509	0	1	20071129	380 U	760 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	760 U	--	--	77 U	--	380 U
SB-510-0001	SB-510	0	1	20071128	370 U	740 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	740 U	--	--	75 U	--	370 U
SB-511-0001	SB-511	0	1	20071129	380 U	760 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	760 U	--	--	76 U	--	380 U
SB-512-0001	SB-512	0	1	20071129	370 U	750 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	750 U	--	--	75 U	--	370 U
SB-513-0001	SB-513	0	1	20071129	390 U	770 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	770 U	--	--	78 U	--	390 U
SB-514-0001	SB-514	0	1	20071129	380 U	760 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	760 U	--	--	77 U	--	380 U
SB-515-0001	SB-515	0	1	20071129	390 U	780 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	780 U	--	--	79 U	--	390 U
SB-516-0001	SB-516	0	1	20071130	390 U	790 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	790 U	--	--	79 U	--	390 U
SB-517-0001	SB-517	0	1	20071130	370 U	750 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	750 U	--	--	75 U	--	370 U
SB-518-0001	SB-518	0	1	20071130	400 U	800 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	800 U	--	--	80 U	--	400 U
SB-519-0001	SB-519	0	1	20071130	390 U	780 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	780 U	--	--	78 U	--	390 U
SB-520-0001	SB-520	0	1	20071130	410 U	810 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	810 U	--	--	82 U	--	410 U
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-502-0001	SB-502	0	1	20071127	--	--	2000 U	--	--	--	--	--	2000 U	2000 U	2000 U	2000 U	2000 U
SB-503-0001	SB-503	0	1	20071127	--	--	5800 U	--	--	--	--	--	5800 U	5800 U	5800 U	5800 U	5800 U
SB-503-0001-AVG	SB-503	0	1	20071127	--	--	3115 U	--	--	--	--	--	3115 U	3115 U	37 J	3115 U	3115 U
SB-503-0001-D	SB-503	0	1	20071127	--	--	430 U	--	--	--	--	--	430 U	430 U	37 J	430 U	430 U
SB-504-0001	SB-504	0	1	20071127	--	--	360 U	--	--	--	--	--	360 U	360 U	360 U	360 U	360 U
SB-505-0001	SB-505	0	1	20071127	--	--	400 U	--	--	--	--	--	400 U	400 U	93 J	400 U	400 U
SB-506-0001	SB-506	0	1	20071128	--	--	380 U	--	--	--	--	--	380 U	380 U	380 U	380 U	380 U
SB-506-0001-AVG	SB-506	0	1	20071128	--	--	380 U	--	--	--	--	--	380 U	380 U	24 J	380 U	380 U
SB-506-0001-D	SB-506	0	1	20071128	--	--	380 U	--	--	--	--	--	380 U	380 U	24 J	380 U	380 U
SB-507-0001	SB-507	0	1	20071128	--	--	380 U	--	--	--	--	--	380 U	380 U	37 J	120 J	380 U
SB-508-0001	SB-508	0	1	20071128	--	--	380 U	--	--	--	--	--	380 U	380 U	58 J	380 U	380 U
SB-509-0001	SB-509	0	1	20071129	--	--	380 U	--	--	--	--	--	380 U	380 U	380 U	380 U	380 U
SB-510-0001	SB-510	0	1	20071128	--	--	370 U	--	--	--	--	--	370 U	370 U	370 U	370 U	370 U
SB-511-0001	SB-511	0	1	20071129	--	--	380 U	--	--	--	--	--	380 U	380 U	380 U	380 U	380 U
SB-512-0001	SB-512	0	1	20071129	--	--	370 U	--	--	--	--	--	370 U	370 U	370 U	370 U	370 U
SB-513-0001	SB-513	0	1	20071129	--	--	390 U	--	--	--	--	--	390 U	390 U	390 U	390 U	390 U
SB-514-0001	SB-514	0	1	20071129	--	--	380 U	--	--	--	--	--	380 U	380 U	380 U	380 U	380 U
SB-515-0001	SB-515	0	1	20071129	--	--	390 U	--	--	--	--	--	390 U	390 U	43 J	78 J	390 U
SB-516-0001	SB-516	0	1	20071130	--	--	390 U	--	--	--	--	--	390 U	390 U	390 U	390 U	390 U
SB-517-0001	SB-517	0	1	20071130	--	--	370 U	--	--	--	--	--	370 U	370 U	370 U	370 U	370 U
SB-518-0001	SB-518	0	1	20071130	--	--	400 U	--	--	--	--	--	400 U	400 U	400 U	400 U	400 U
SB-519-0001	SB-519	0	1	20071130	--	--	390 U	--	--	--	--	--	390 U	390 U	31 J	390 U	390 U
SB-520-0001	SB-520	0	1	20071130	--	--	410 U	--	--	--	--	--	410 U	410 U	410 U	410 U	410 U
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-502-0001	SB-502	0	1	20071127	2000 U	--	--	2000 U	2000 U	2000 U	2000 U	2000 U	--	--	2000 U	2000 U	2000 U	2000 U
SB-503-0001	SB-503	0	1	20071127	430 J	--	--	5800 U	5800 U	5800 U	5800 U	5800 U	--	--	5800 U	5800 U	5800 U	5800 U
SB-503-0001-AVG	SB-503	0	1	20071127	256	--	--	34 J	3115 U	3115 U	3115 U	3115 U	--	--	3115 U	3115 U	3115 U	3115 U
SB-503-0001-D	SB-503	0	1	20071127	82 J	--	--	34 J	430 U	430 U	430 U	430 U	--	--	430 U	430 U	430 U	430 U
SB-504-0001	SB-504	0	1	20071127	360 U	--	--	360 U	360 U	360 U	360 U	360 U	--	--	360 U	360 U	360 U	360 U
SB-505-0001	SB-505	0	1	20071127	73 J	--	--	400 U	400 U	400 U	28 J	400 U	--	--	400 U	400 U	400 U	400 U
SB-506-0001	SB-506	0	1	20071128	380 U	--	--	380 U	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U	380 U
SB-506-0001-AVG	SB-506	0	1	20071128	380 U	--	--	380 U	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U	380 U
SB-506-0001-D	SB-506	0	1	20071128	380 U	--	--	380 U	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U	380 U
SB-507-0001	SB-507	0	1	20071128	380 U	--	--	380 U	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U	380 U
SB-508-0001	SB-508	0	1	20071128	380 U	--	--	380 U	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U	380 U
SB-509-0001	SB-509	0	1	20071129	380 U	--	--	380 U	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U	380 U
SB-510-0001	SB-510	0	1	20071128	370 U	--	--	370 U	370 U	370 U	370 U	370 U	--	--	370 U	370 U	370 U	370 U
SB-511-0001	SB-511	0	1	20071129	380 U	--	--	380 U	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U	380 U
SB-512-0001	SB-512	0	1	20071129	370 U	--	--	370 U	370 U	370 U	370 U	370 U	--	--	370 U	370 U	370 U	370 U
SB-513-0001	SB-513	0	1	20071129	390 U	--	--	390 U	390 U	390 U	390 U	390 U	--	--	390 U	390 U	390 U	390 U
SB-514-0001	SB-514	0	1	20071129	380 U	--	--	380 U	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U	380 U
SB-515-0001	SB-515	0	1	20071129	41 J	--	--	390 U	390 U	390 U	390 U	390 U	--	--	390 U	390 U	390 U	390 U
SB-516-0001	SB-516	0	1	20071130	390 U	--	--	390 U	390 U	390 U	390 U	390 U	--	--	390 U	390 U	390 U	390 U
SB-517-0001	SB-517	0	1	20071130	370 U	--	--	370 U	370 U	370 U	370 U	370 U	--	--	370 U	370 U	370 U	370 U
SB-518-0001	SB-518	0	1	20071130	400 U	--	--	400 U	400 U	400 U	400 U	400 U	--	--	400 U	400 U	400 U	400 U
SB-519-0001	SB-519	0	1	20071130	390 U	--	--	390 U	390 U	390 U	390 U	390 U	--	--	390 U	390 U	390 U	390 U
SB-520-0001	SB-520	0	1	20071130	410 U	--	--	410 U	410 U	410 U	410 U	410 U	--	--	410 U	410 U	410 U	410 U
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
SB-502-0001	SB-502	0	1	20071127	--	2000 U	--	2000 U	2000 U	2000 U	2000 U	2000 U	--	2000 U	--	--	--	--	--
SB-503-0001	SB-503	0	1	20071127	--	5800 U	--	5800 U	5800 U	5800 U	5800 U	5800 U	--	5800 U	--	--	--	--	--
SB-503-0001-AVG	SB-503	0	1	20071127	--	3115 U	--	3115 U	3115 U	3115 U	3115 U	3115 U	--	3115 U	--	--	--	--	--
SB-503-0001-D	SB-503	0	1	20071127	--	430 U	--	430 U	430 U	430 U	430 U	430 U	--	430 U	--	--	--	--	--
SB-504-0001	SB-504	0	1	20071127	--	360 U	--	360 U	360 U	360 U	360 U	360 U	--	360 U	--	--	--	--	--
SB-505-0001	SB-505	0	1	20071127	--	400 U	--	400 U	400 U	400 U	400 U	400 U	--	400 U	--	--	--	--	--
SB-506-0001	SB-506	0	1	20071128	--	380 U	--	380 U	380 U	380 U	380 U	380 U	--	380 U	--	--	--	--	--
SB-506-0001-AVG	SB-506	0	1	20071128	--	380 U	--	380 U	380 U	380 U	380 U	380 U	--	380 U	--	--	--	--	--
SB-506-0001-D	SB-506	0	1	20071128	--	380 U	--	380 U	380 U	380 U	380 U	380 U	--	380 U	--	--	--	--	--
SB-507-0001	SB-507	0	1	20071128	--	380 U	--	380 U	380 U	380 U	380 U	380 U	--	380 U	--	--	--	--	--
SB-508-0001	SB-508	0	1	20071128	--	380 U	--	380 U	380 U	380 U	380 U	380 U	--	380 U	--	--	--	--	--
SB-509-0001	SB-509	0	1	20071129	--	380 U	--	380 U	380 U	380 U	380 U	380 U	--	380 U	--	--	--	--	--
SB-510-0001	SB-510	0	1	20071128	--	370 U	--	370 U	370 U	370 U	370 U	370 U	--	370 U	--	--	--	--	--
SB-511-0001	SB-511	0	1	20071129	--	380 U	--	380 U	380 U	380 U	380 U	380 U	--	380 U	--	--	--	--	--
SB-512-0001	SB-512	0	1	20071129	--	370 U	--	370 U	370 U	370 U	370 U	370 U	--	370 U	--	--	--	--	--
SB-513-0001	SB-513	0	1	20071129	--	390 U	--	390 U	390 U	390 U	390 U	390 U	--	390 U	--	--	--	--	--
SB-514-0001	SB-514	0	1	20071129	--	380 U	--	380 U	380 U	380 U	380 U	380 U	--	380 U	--	--	--	--	--
SB-515-0001	SB-515	0	1	20071129	--	390 U	--	390 U	390 U	390 U	390 U	390 U	--	390 U	--	--	--	--	--
SB-516-0001	SB-516	0	1	20071130	--	390 U	--	390 U	390 U	390 U	390 U	390 U	--	390 U	--	--	--	--	--
SB-517-0001	SB-517	0	1	20071130	--	370 U	--	370 U	370 U	370 U	370 U	370 U	--	370 U	--	--	--	--	--
SB-518-0001	SB-518	0	1	20071130	--	400 U	--	400 U	400 U	400 U	400 U	400 U	--	400 U	--	--	--	--	--
SB-519-0001	SB-519	0	1	20071130	--	390 U	--	390 U	390 U	390 U	390 U	390 U	--	390 U	--	--	--	--	--
SB-520-0001	SB-520	0	1	20071130	--	410 U	--	410 U	410 U	410 U	410 U	410 U	--	410 U	--	--	--	--	--
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-502-0001	SB-502	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001-AVG	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001-D	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0001	SB-504	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0001	SB-505	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001-AVG	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001-D	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0001	SB-507	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0001	SB-508	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0001	SB-509	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0001	SB-510	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0001	SB-511	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0001	SB-512	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0001	SB-513	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0001	SB-514	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0001	SB-515	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-516-0001	SB-516	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0001	SB-517	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0001	SB-518	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0001	SB-519	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0001	SB-520	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-502-0001	SB-502	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001-AVG	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0001-D	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0001	SB-504	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0001	SB-505	0	1	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001-AVG	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0001-D	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0001	SB-507	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0001	SB-508	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0001	SB-509	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0001	SB-510	0	1	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0001	SB-511	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0001	SB-512	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0001	SB-513	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0001	SB-514	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0001	SB-515	0	1	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-516-0001	SB-516	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0001	SB-517	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0001	SB-518	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0001	SB-519	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0001	SB-520	0	1	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-502-0001	SB-502	0	1	20071127	--	--	--	--	--	--	--	--	--	--	5.9 U	5.9 U	5.9 U	--
SB-503-0001	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	5.8 UJ	5.8 U	5.8 U	--
SB-503-0001-AVG	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	6.15 U	6.15 U	6.15 U	--
SB-503-0001-D	SB-503	0	1	20071127	--	--	--	--	--	--	--	--	--	--	6.5 U	6.5 U	6.5 U	--
SB-504-0001	SB-504	0	1	20071127	--	--	--	--	--	--	--	--	--	--	5.5 U	5.5 U	5.5 U	--
SB-505-0001	SB-505	0	1	20071127	--	--	--	--	--	--	--	--	--	--	6 U	6 U	6 U	--
SB-506-0001	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	5.7 U	5.7 U	5.7 U	--
SB-506-0001-AVG	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	5.75 U	5.75 U	5.75 U	--
SB-506-0001-D	SB-506	0	1	20071128	--	--	--	--	--	--	--	--	--	--	5.8 U	5.8 U	5.8 U	--
SB-507-0001	SB-507	0	1	20071128	--	--	--	--	--	--	--	--	--	--	5.8 U	5.8 U	5.8 U	--
SB-508-0001	SB-508	0	1	20071128	--	--	--	--	--	--	--	--	--	--	5.8 U	5.8 U	5.8 U	--
SB-509-0001	SB-509	0	1	20071129	--	--	--	--	--	--	--	--	--	--	5.8 U	5.8 U	5.8 U	--
SB-510-0001	SB-510	0	1	20071128	--	--	--	--	--	--	--	--	--	--	5.6 U	5.6 U	5.6 U	--
SB-511-0001	SB-511	0	1	20071129	--	--	--	--	--	--	--	--	--	--	5.7 U	5.7 U	5.7 U	--
SB-512-0001	SB-512	0	1	20071129	--	--	--	--	--	--	--	--	--	--	5.6 U	5.6 U	5.6 U	--
SB-513-0001	SB-513	0	1	20071129	--	--	--	--	--	--	--	--	--	--	5.8 U	5.8 U	5.8 U	--
SB-514-0001	SB-514	0	1	20071129	--	--	--	--	--	--	--	--	--	--	5.8 U	5.8 U	5.8 U	--
SB-515-0001	SB-515	0	1	20071129	--	--	--	--	--	--	--	--	--	--	5.9 U	5.9 U	5.9 U	--
SB-516-0001	SB-516	0	1	20071130	--	--	--	--	--	--	--	--	--	--	6 U	6 U	6 U	--
SB-517-0001	SB-517	0	1	20071130	--	--	--	--	--	--	--	--	--	--	5.7 U	5.7 U	5.7 U	--
SB-518-0001	SB-518	0	1	20071130	--	--	--	--	--	--	--	--	--	--	6 U	6 U	6 U	--
SB-519-0001	SB-519	0	1	20071130	--	--	--	--	--	--	--	--	--	--	5.9 U	5.9 U	5.9 U	--
SB-520-0001	SB-520	0	1	20071130	--	--	--	--	--	--	--	--	--	--	6.2 U	6.2 U	6.2 U	--
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-502-0001	SB-502	0	1	20071127	5.9 U	5.9 U	5.9 U	5.9 U	0.65 B	5.9 U	0.2 J	3.1 B	1 B	12 U	5.9 U	5.9 U	5.9 U	5.9 U	--	5.9 U	5.9 U
SB-503-0001	SB-503	0	1	20071127	5.8 U	5.8 U	5.8 U	5.8 U	5.8 UJ	5.8 UJ	0.35 J	1 B	1.9 B	12 UJ	5.8 U	5.8 UJ	5.8 U	5.8 U	--	5.8 UJ	5.8 UJ
SB-503-0001-AVG	SB-503	0	1	20071127	6.15 U	6.15 U	6.15 U	6.15 U	6.15 U	6.15 U	0.35 J	3.75 U	4.2 U	12.5 U	6.15 U	6.15 U	6.15 U	6.15 U	--	6.15 U	6.15 U
SB-503-0001-D	SB-503	0	1	20071127	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	13 U	6.5 U	6.5 U	6.5 U	6.5 U	--	6.5 U	6.5 U
SB-504-0001	SB-504	0	1	20071127	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	11 U	5.5 U	5.5 U	5.5 U	5.5 U	--	5.5 U	5.5 U
SB-505-0001	SB-505	0	1	20071127	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	12 U	6 U	6 U	6 U	6 U	--	6 U	6 U
SB-506-0001	SB-506	0	1	20071128	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	11 U	5.7 U	5.7 U	5.7 U	5.7 U	--	5.7 U	5.7 U
SB-506-0001-AVG	SB-506	0	1	20071128	5.75 U	5.75 U	5.75 U	5.75 U	5.75 U	5.75 U	5.75 U	5.75 U	3.31 U	11.5 U	5.75 U	5.75 U	5.75 U	5.75 U	--	5.75 U	5.75 U
SB-506-0001-D	SB-506	0	1	20071128	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	0.92 B	12 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U
SB-507-0001	SB-507	0	1	20071128	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U
SB-508-0001	SB-508	0	1	20071128	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U
SB-509-0001	SB-509	0	1	20071129	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U
SB-510-0001	SB-510	0	1	20071128	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	11 U	5.6 U	5.6 U	5.6 U	5.6 U	--	5.6 U	5.6 U
SB-511-0001	SB-511	0	1	20071129	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	11 U	5.7 U	5.7 U	5.7 U	5.7 U	--	5.7 U	5.7 U
SB-512-0001	SB-512	0	1	20071129	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	11 U	5.6 U	5.6 U	5.6 U	5.6 U	--	5.6 U	5.6 U
SB-513-0001	SB-513	0	1	20071129	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U
SB-514-0001	SB-514	0	1	20071129	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U
SB-515-0001	SB-515	0	1	20071129	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	12 U	5.9 U	5.9 U	5.9 U	5.9 U	--	5.9 U	5.9 U
SB-516-0001	SB-516	0	1	20071130	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	12 U	6 U	6 U	6 U	6 U	--	6 U	6 U
SB-517-0001	SB-517	0	1	20071130	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	11 U	5.7 U	5.7 U	5.7 U	5.7 U	--	5.7 U	5.7 U
SB-518-0001	SB-518	0	1	20071130	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	12 U	6 U	6 U	6 U	6 U	--	6 U	6 U
SB-519-0001	SB-519	0	1	20071130	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	12 U	5.9 U	5.9 U	5.9 U	5.9 U	--	5.9 U	5.9 U
SB-520-0001	SB-520	0	1	20071130	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	12 U	6.2 U	6.2 U	6.2 U	6.2 U	--	6.2 U	6.2 U
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-502-0001	SB-502	0	1	20071127	5.9 U	5.9 U	12 U	12 U	5.9 U	12 U	5.9 U	5.9 U	12 U	12 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-503-0001	SB-503	0	1	20071127	5.8 U	5.8 U	12 U	12 U	5.8 UJ	12 U	5.8 UJ	5.8 UJ	12 U	12 U	5.8 U	5.8 UJ	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-503-0001-AVG	SB-503	0	1	20071127	6.15 U	6.15 U	12.5 U	12.5 U	6.15 U	12.5 U	6.15 U	6.15 U	12.5 U	12.5 U	6.15 U	6.15 U	6.15 U	6.15 U	6.15 U	6.15 U	6.15 U	6.15 U
SB-503-0001-D	SB-503	0	1	20071127	6.5 U	6.5 U	13 U	13 U	6.5 U	13 U	6.5 U	6.5 U	13 U	13 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U
SB-504-0001	SB-504	0	1	20071127	5.5 U	5.5 U	11 U	11 U	5.5 U	11 U	5.5 U	5.5 U	11 U	7.3 J	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	0.82 J	5.5 U
SB-505-0001	SB-505	0	1	20071127	6 U	6 U	12 U	12 U	6 U	12 U	6 U	6 U	12 U	12 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-506-0001	SB-506	0	1	20071128	5.7 U	5.7 U	11 U	11 U	5.7 U	11 U	5.7 U	5.7 U	11 U	11 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	0.95 J	5.7 U
SB-506-0001-AVG	SB-506	0	1	20071128	5.75 U	5.75 U	11.5 U	11.5 U	5.75 U	11.5 U	5.75 U	5.75 U	11.5 U	11.5 U	5.75 U	5.75 U	5.75 U	5.75 U	5.75 U	5.75 U	0.95 J	5.75 U
SB-506-0001-D	SB-506	0	1	20071128	5.8 U	5.8 U	12 U	12 U	5.8 U	12 U	5.8 U	5.8 U	12 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-507-0001	SB-507	0	1	20071128	5.8 U	5.8 U	12 U	12 U	5.8 U	12 U	5.8 U	5.8 U	12 U	13 J	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-508-0001	SB-508	0	1	20071128	5.8 U	5.8 U	12 U	12 U	5.8 U	12 U	5.8 U	5.8 U	12 U	21 J	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-509-0001	SB-509	0	1	20071129	5.8 U	5.8 U	12 U	12 U	5.8 U	12 U	5.8 U	5.8 U	12 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-510-0001	SB-510	0	1	20071128	5.6 U	5.6 U	11 U	11 U	5.6 U	11 U	5.6 U	5.6 U	11 U	11 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U
SB-511-0001	SB-511	0	1	20071129	5.7 U	5.7 U	11 U	11 U	5.7 U	11 U	5.7 U	5.7 U	11 U	11 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U
SB-512-0001	SB-512	0	1	20071129	5.6 U	5.6 U	11 U	11 U	5.6 U	11 U	5.6 U	5.6 U	11 U	8.2 J	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U
SB-513-0001	SB-513	0	1	20071129	5.8 U	5.8 U	12 U	12 U	5.8 U	12 U	5.8 U	5.8 U	12 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-514-0001	SB-514	0	1	20071129	5.8 U	5.8 U	2.7 J	12 U	5.8 U	12 U	5.8 U	5.8 U	12 U	51 J	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	0.66 J	5.8 U
SB-515-0001	SB-515	0	1	20071129	5.9 U	5.9 U	12 U	12 U	5.9 U	12 U	5.9 U	5.9 U	12 U	11 J	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-516-0001	SB-516	0	1	20071130	6 U	6 U	5.3 J	12 U	6 U	12 U	6 U	6 U	12 U	18 J	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-517-0001	SB-517	0	1	20071130	5.7 U	5.7 U	11 U	11 U	5.7 U	11 U	5.7 U	5.7 U	11 U	11 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U
SB-518-0001	SB-518	0	1	20071130	6 U	6 U	4.1 J	12 U	6 U	12 U	6 U	6 U	12 U	74 J	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-519-0001	SB-519	0	1	20071130	5.9 U	5.9 U	12 U	12 U	5.9 U	12 U	5.9 U	5.9 U	12 U	7.5 J	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-520-0001	SB-520	0	1	20071130	6.2 U	6.2 U	12 U	12 U	6.2 U	12 U	6.2 U	6.2 U	12 U	12 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-502-0001	SB-502	0	1	20071127	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	12 U	5.9 U	5.9 U	5.9 U	5.9 U	12 U	--	12 U
SB-503-0001	SB-503	0	1	20071127	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 UJ	12 U	--	12 U
SB-503-0001-AVG	SB-503	0	1	20071127	6.15 U	6.15 U	6.15 U	6.15 U	6.15 U	6.15 U	6.15 U	6.15 U	6.15 U	12.5 U	6.15 U	6.15 U	6.15 U	6.15 U	12.5 U	--	12.5 U
SB-503-0001-D	SB-503	0	1	20071127	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	13 U	6.5 U	6.5 U	6.5 U	6.5 U	13 U	--	13 U
SB-504-0001	SB-504	0	1	20071127	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	11 U	5.5 U	5.5 U	5.5 U	5.5 U	11 U	--	11 U
SB-505-0001	SB-505	0	1	20071127	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	12 U	6 U	6 U	6 U	6 U	12 U	--	12 U
SB-506-0001	SB-506	0	1	20071128	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	11 U	5.7 U	5.7 U	5.7 U	5.7 U	11 U	--	11 U
SB-506-0001-AVG	SB-506	0	1	20071128	5.75 U	5.75 U	5.75 U	5.75 U	5.75 U	5.75 U	5.75 U	5.75 U	5.75 U	11.5 U	5.75 U	5.75 U	5.75 U	5.75 U	11.5 U	--	11.5 U
SB-506-0001-D	SB-506	0	1	20071128	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	--	12 U
SB-507-0001	SB-507	0	1	20071128	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	--	12 U
SB-508-0001	SB-508	0	1	20071128	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	--	12 U
SB-509-0001	SB-509	0	1	20071129	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	--	12 U
SB-510-0001	SB-510	0	1	20071128	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	11 U	5.6 U	5.6 U	5.6 U	5.6 U	11 U	--	11 U
SB-511-0001	SB-511	0	1	20071129	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	11 U	5.7 U	5.7 U	5.7 U	5.7 U	11 U	--	11 U
SB-512-0001	SB-512	0	1	20071129	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	11 U	5.6 U	5.6 U	5.6 U	5.6 U	11 U	--	11 U
SB-513-0001	SB-513	0	1	20071129	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	--	12 U
SB-514-0001	SB-514	0	1	20071129	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	12 U	--	12 U
SB-515-0001	SB-515	0	1	20071129	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	12 U	5.9 U	5.9 U	5.9 U	5.9 U	12 U	--	12 U
SB-516-0001	SB-516	0	1	20071130	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	12 U	6 U	6 U	6 U	6 U	12 U	--	12 U
SB-517-0001	SB-517	0	1	20071130	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	11 U	5.7 U	5.7 U	5.7 U	5.7 U	11 U	--	11 U
SB-518-0001	SB-518	0	1	20071130	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	12 U	6 U	6 U	6 U	6 U	12 U	--	12 U
SB-519-0001	SB-519	0	1	20071130	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	12 U	5.9 U	5.9 U	5.9 U	5.9 U	12 U	--	12 U
SB-520-0001	SB-520	0	1	20071130	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	12 U	6.2 U	6.2 U	6.2 U	6.2 U	12 U	--	12 U
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-502-0001	SB-502	0	1	20071127	2.4 B	0.87 B	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	120 UR	5.9 U	--	5.9 U	12 U	--	5.9 U	5.9 U
SB-503-0001	SB-503	0	1	20071127	3.6 B	11 B	5.8 UJ	5.8 UJ	0.43 J	5.8 UJ	5.8 U	5.8 U	5.8 UJ	120 UR	5.8 U	--	0.46 J	1.1 J	--	5.8 U	5.8 U
SB-503-0001-AVG	SB-503	0	1	20071127	3.4 U	8.75 U	6.15 U	6.15 U	0.43 J	6.15 U	6.15 U	6.15 U	6.15 U	125 R	6.15 U	--	0.46 J	1.1 J	--	6.15 U	6.15 U
SB-503-0001-D	SB-503	0	1	20071127	3.2 B	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	130 UR	6.5 U	--	6.5 U	13 U	--	6.5 U	6.5 U
SB-504-0001	SB-504	0	1	20071127	1.6 B	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	110 UR	5.5 U	--	5.5 U	11 U	--	5.5 U	5.5 U
SB-505-0001	SB-505	0	1	20071127	1.7 B	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	120 UR	6 U	--	6 U	12 U	--	6 U	6 U
SB-506-0001	SB-506	0	1	20071128	2 B	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	110 UR	5.7 U	--	5.7 U	11 U	--	5.7 U	5.7 U
SB-506-0001-AVG	SB-506	0	1	20071128	2.05 U	5.75 U	5.75 U	5.75 U	5.75 U	5.75 U	5.75 U	5.75 U	5.75 U	115 R	5.75 U	--	5.75 U	11.5 U	--	5.75 U	5.75 U
SB-506-0001-D	SB-506	0	1	20071128	2.1 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U	--	5.8 U	12 U	--	5.8 U	5.8 U
SB-507-0001	SB-507	0	1	20071128	5.1 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U	--	5.8 U	12 U	--	5.8 U	5.8 U
SB-508-0001	SB-508	0	1	20071128	7.1 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U	--	5.8 U	12 U	--	5.8 U	5.8 U
SB-509-0001	SB-509	0	1	20071129	5 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U	--	5.8 U	12 U	--	5.8 U	5.8 U
SB-510-0001	SB-510	0	1	20071128	6.4 B	0.55 B	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	110 UR	5.6 U	--	5.6 U	11 U	--	5.6 U	5.6 U
SB-511-0001	SB-511	0	1	20071129	5.4 B	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	110 UR	5.7 U	--	5.7 U	11 U	--	5.7 U	5.7 U
SB-512-0001	SB-512	0	1	20071129	5.6 B	1.8 B	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	110 UR	5.6 U	--	5.6 U	11 U	--	5.6 U	5.6 U
SB-513-0001	SB-513	0	1	20071129	3.6 B	0.67 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U	--	5.8 U	12 U	--	5.8 U	5.8 U
SB-514-0001	SB-514	0	1	20071129	5.6 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U	--	5.8 U	12 U	--	5.8 U	5.8 U
SB-515-0001	SB-515	0	1	20071129	5.9 B	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	120 UR	5.9 U	--	5.9 U	12 U	--	5.9 U	5.9 U
SB-516-0001	SB-516	0	1	20071130	5.8 B	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	120 UR	6 U	--	6 U	12 U	--	6 U	6 U
SB-517-0001	SB-517	0	1	20071130	3.1 B	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	110 UR	5.7 U	--	5.7 U	11 U	--	5.7 U	5.7 U
SB-518-0001	SB-518	0	1	20071130	4.8 B	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	120 UR	6 U	--	6 U	12 U	--	6 U	6 U
SB-519-0001	SB-519	0	1	20071130	3.6 B	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	120 UR	5.9 U	--	5.9 U	12 U	--	5.9 U	5.9 U
SB-520-0001	SB-520	0	1	20071130	4.6 B	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	120 UR	6.2 U	--	6.2 U	12 U	--	6.2 U	6.2 U
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-2	SB-541	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-2	SB-542	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
SB-502-0001	SB-502	0	1	20071127	5.9 U	5.9 U	12 U	5.9 U	NORMAL
SB-503-0001	SB-503	0	1	20071127	5.8 U	5.8 U	12 U	5.8 U	NORMAL
SB-503-0001-AVG	SB-503	0	1	20071127	6.15 U	6.15 U	12.5 U	6.15 U	NORMAL
SB-503-0001-D	SB-503	0	1	20071127	6.5 U	6.5 U	13 U	6.5 U	NORMAL
SB-504-0001	SB-504	0	1	20071127	5.5 U	5.5 U	11 U	5.5 U	NORMAL
SB-505-0001	SB-505	0	1	20071127	6 U	6 U	12 U	6 U	NORMAL
SB-506-0001	SB-506	0	1	20071128	5.7 U	5.7 U	11 U	5.7 U	NORMAL
SB-506-0001-AVG	SB-506	0	1	20071128	5.75 U	5.75 U	11.5 U	5.75 U	NORMAL
SB-506-0001-D	SB-506	0	1	20071128	5.8 U	5.8 U	12 U	5.8 U	NORMAL
SB-507-0001	SB-507	0	1	20071128	5.8 U	5.8 U	12 U	5.8 U	NORMAL
SB-508-0001	SB-508	0	1	20071128	5.8 U	5.8 U	12 U	5.8 U	NORMAL
SB-509-0001	SB-509	0	1	20071129	5.8 U	5.8 U	12 UJ	5.8 U	NORMAL
SB-510-0001	SB-510	0	1	20071128	5.6 U	5.6 U	11 U	5.6 U	NORMAL
SB-511-0001	SB-511	0	1	20071129	5.7 U	5.7 U	11 U	5.7 U	NORMAL
SB-512-0001	SB-512	0	1	20071129	5.6 U	5.6 U	11 U	5.6 U	NORMAL
SB-513-0001	SB-513	0	1	20071129	5.8 U	5.8 U	12 UJ	5.8 U	NORMAL
SB-514-0001	SB-514	0	1	20071129	5.8 U	5.8 U	12 UJ	5.8 U	NORMAL
SB-515-0001	SB-515	0	1	20071129	5.9 U	5.9 U	12 UJ	5.9 U	NORMAL
SB-516-0001	SB-516	0	1	20071130	6 U	6 U	12 U	6 U	NORMAL
SB-517-0001	SB-517	0	1	20071130	5.7 U	5.7 U	11 U	5.7 U	NORMAL
SB-518-0001	SB-518	0	1	20071130	6 U	6 U	12 U	6 U	NORMAL
SB-519-0001	SB-519	0	1	20071130	5.9 U	5.9 U	12 U	5.9 U	NORMAL
SB-520-0001	SB-520	0	1	20071130	6.2 U	6.2 U	12 U	6.2 U	NORMAL
SB-521-0001	SB-521	0	1	20071204	--	--	--	--	BACKFILL
SB-522-0001	SB-522	0	1	20071204	--	--	--	--	BACKFILL
SB-523-0001	SB-523	0	1	20071204	--	--	--	--	BACKFILL
SB-524-0001	SB-524	0	1	20071204	--	--	--	--	BACKFILL
SB-525-0001	SB-525	0	1	20071204	--	--	--	--	BACKFILL
SB-526-0001	SB-526	0	1	20071204	--	--	--	--	BACKFILL
SB-527-0001	SB-527	0	1	20071204	--	--	--	--	BACKFILL
SB-528-0001	SB-528	0	1	20071204	--	--	--	--	BACKFILL
SB-529-0001	SB-529	0	1	20071204	--	--	--	--	NORMAL
SB-530-0001	SB-530	0	1	20071204	--	--	--	--	NORMAL
SB-531-0001	SB-531	0	1	20071204	--	--	--	--	NORMAL
SB-532-0001	SB-532	0	1	20071204	--	--	--	--	NORMAL
SB-533-0001	SB-533	0	1	20071204	--	--	--	--	NORMAL
SB-534-0001	SB-534	0	1	20071204	--	--	--	--	NORMAL
SB-535-0001	SB-535	0	1	20071204	--	--	--	--	NORMAL
SB-536-0001	SB-536	0	1	20071204	--	--	--	--	NORMAL
SB-537-0001	SB-537	0	1	20071204	--	--	--	--	NORMAL
SB-538-0001	SB-538	0	1	20071204	--	--	--	--	NORMAL
SB-539-0001	SB-539	0	1	20071204	--	--	--	--	NORMAL
SB-540-0001	SB-540	0	1	20071204	--	--	--	--	NORMAL
SB-541-2	SB-541	2	2	20081023	--	--	--	--	NORMAL
SB-541A-SS[SJ]	SB-541A	0	1	20081111	--	--	--	--	NORMAL
SB-541A-SS0.5-1	SB-541A	0.5	1	20081111	--	--	--	--	NORMAL
SB-541A-SS0-0.5	SB-541A	0	0.5	20081111	--	--	--	--	NORMAL
SB-541-SS0.5-1	SB-541	0.5	1	20081023	--	--	--	--	NORMAL
SB-541-SS0-0.5	SB-541	0	0.5	20081023	--	--	--	--	NORMAL
SB-542-2	SB-542	2	2	20081023	--	--	--	--	NORMAL
SB-542-SS0.5-1	SB-542	0.5	1	20081023	--	--	--	--	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-AVG	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-AVG	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	85	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	85	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	94	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	82	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	88	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	87	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	82	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	95	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	84	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	88	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	84	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	87	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	81	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	84	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	85	--	--	--	--	--
SB-546-2-AVG	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	85.5	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	86	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	94	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	85	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	91	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	90	--	--	--	--	--
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	88	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	86	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	90	--	--	--	--	--
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	89.5	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	89	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	88	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	91	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	89	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	86	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	87	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	88	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	87	--	--	--	--	--
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	88	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	89	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	88	--	--	--	--	--
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	87	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	86	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	85	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	85.5	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	86	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	85	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	87	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	85	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	84	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	95	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	81	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	82	--	--	--	--	--
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	84	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	180 U	180 U	180 U	180 U	180 U	180 U	940
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	77
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	91
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	5.4 J
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	17 U	17 U	17 U	17 U	17 U	17 U	41
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	23
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	190
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	21 U	21 U	21 U	21 U	21 U	21 U	21 U
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SB-546-2-AVG	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	19.5 U	19.5 U	19.5 U	19.5 U	19.5 U	19.5 U	19.5 U
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	66
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	140
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	920 U	920 U	920 U	920 U	920 U	920 U	9600
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	18 U
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	18.5 U	18.5 U	18.5 U	18.5 U	18.5 U	18.5 U	18.5 U
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 UJ
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	18 U
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	19.5 U	19.5 U	19.5 U	19.5 U	19.5 U	19.5 U	19.5 U
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	17 U	17 U	17 U	17 U	17 U	17 U	61
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	12 J
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	940	1480	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	77	134	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	91	151	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	5.4	62.4	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	41	92	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	23	83	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	190	247	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	0 U	73.5	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-546-2-AVG	SB-546	2	2	20081023	--	--	0 U	68.25	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	66	120	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	140	200	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	9600	12360	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023	--	--	0 U	64.75	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	0 U	68.25	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	61	112	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	12	72	--	--	--	--	--	--	--	--	--	--
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	0 U	70	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUALENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-AVG	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible] CYCLIC [illegible] MATIC ARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					[illegible] KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
SB-542-SS0-0.5	SB-542	0	0.5	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-AVG	SB-546	2	2	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0.5-1	SB-550	0.5	1	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-AVG	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-AVG	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-AVG	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-AVG	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-AVG	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-AVG	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-AVG	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-AVG	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-AVG	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-AVG	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-AVG	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-AVG	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-AVG	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-AVG	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-2	SB-543	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-2	SB-544	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-AVG	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-2	SB-547	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-2	SB-550	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
SB-542-SS0-0.5	SB-542	0	0.5	20081023	--	--	--	--	NORMAL
SB-543-2	SB-543	2	2	20081023	--	--	--	--	NORMAL
SB-543A-2	SB-543A	2	2	20081111	--	--	--	--	NORMAL
SB-543A-SS[SJ]	SB-543A	0	1	20081111	--	--	--	--	NORMAL
SB-543A-SS0.5-1	SB-543A	0.5	1	20081111	--	--	--	--	NORMAL
SB-543A-SS0-0.5	SB-543A	0	0.5	20081111	--	--	--	--	NORMAL
SB-543-SS0.5-1	SB-543	0.5	1	20081023	--	--	--	--	NORMAL
SB-543-SS0-0.5	SB-543	0	0.5	20081023	--	--	--	--	NORMAL
SB-544-2	SB-544	2	2	20081023	--	--	--	--	NORMAL
SB-544A-SS[SJ]	SB-544A	0	1	20081111	--	--	--	--	NORMAL
SB-544A-SS0.5-1	SB-544A	0.5	1	20081111	--	--	--	--	NORMAL
SB-544A-SS0-0.5	SB-544A	0	0.5	20081111	--	--	--	--	NORMAL
SB-544-SS0.5-1	SB-544	0.5	1	20081023	--	--	--	--	NORMAL
SB-544-SS0-0.5	SB-544	0	0.5	20081023	--	--	--	--	NORMAL
SB-545-SS0.5-1	SB-545	0.5	1	20081023	--	--	--	--	NORMAL
SB-545-SS0-0.5	SB-545	0	0.5	20081023	--	--	--	--	NORMAL
SB-546-2	SB-546	2	2	20081023	--	--	--	--	NORMAL
SB-546-2-AVG	SB-546	2	2	20081023	--	--	--	--	NORMAL
SB-546-2-D	SB-546	2	2	20081023	--	--	--	--	NORMAL
SB-546A-SS[SJ]	SB-546A	0	1	20081111	--	--	--	--	NORMAL
SB-546A-SS0.5-1	SB-546A	0.5	1	20081111	--	--	--	--	NORMAL
SB-546A-SS0-0.5	SB-546A	0	0.5	20081111	--	--	--	--	NORMAL
SB-546-SS0.5-1	SB-546	0.5	1	20081023	--	--	--	--	NORMAL
SB-546-SS0.5-1-AVG	SB-546	0.5	1	20081023	--	--	--	--	NORMAL
SB-546-SS0.5-1-D	SB-546	0.5	1	20081023	--	--	--	--	NORMAL
SB-546-SS0-0.5	SB-546	0	0.5	20081023	--	--	--	--	NORMAL
SB-546-SS0-0.5-AVG	SB-546	0	0.5	20081023	--	--	--	--	NORMAL
SB-546-SS0-0.5-D	SB-546	0	0.5	20081023	--	--	--	--	NORMAL
SB-547-2	SB-547	2	2	20081021	--	--	--	--	NORMAL
SB-547-SS0.5-1	SB-547	0.5	1	20081021	--	--	--	--	NORMAL
SB-547-SS0-0.5	SB-547	0	0.5	20081021	--	--	--	--	NORMAL
SB-548-2	SB-548	2	2	20081023	--	--	--	--	NORMAL
SB-548-2-AVG	SB-548	2	2	20081023	--	--	--	--	NORMAL
SB-548-2-D	SB-548	2	2	20081023	--	--	--	--	NORMAL
SB-548-SS0.5-1	SB-548	0.5	1	20081023	--	--	--	--	NORMAL
SB-548-SS0.5-1-AVG	SB-548	0.5	1	20081023	--	--	--	--	NORMAL
SB-548-SS0.5-1-D	SB-548	0.5	1	20081023	--	--	--	--	NORMAL
SB-548-SS0-0.5	SB-548	0	0.5	20081023	--	--	--	--	NORMAL
SB-548-SS0-0.5-AVG	SB-548	0	0.5	20081023	--	--	--	--	NORMAL
SB-548-SS0-0.5-D	SB-548	0	0.5	20081023	--	--	--	--	NORMAL
SB-549-2	SB-549	2	2	20081023	--	--	--	--	NORMAL
SB-549-2-AVG	SB-549	2	2	20081023	--	--	--	--	NORMAL
SB-549-2-D	SB-549	2	2	20081023	--	--	--	--	NORMAL
SB-549-SS0.5-1	SB-549	0.5	1	20081023	--	--	--	--	NORMAL
SB-549-SS0-0.5	SB-549	0	0.5	20081023	--	--	--	--	NORMAL
SB-550-2	SB-550	2	2	20081023	--	--	--	--	NORMAL
SB-550A-2	SB-550A	2	2	20081111	--	--	--	--	NORMAL
SB-550A-SS[SJ]	SB-550A	0	1	20081111	--	--	--	--	NORMAL
SB-550A-SS0.5-1	SB-550A	0.5	1	20081111	--	--	--	--	NORMAL
SB-550A-SS0-0.5	SB-550A	0	0.5	20081111	--	--	--	--	NORMAL
SB-550-SS0.5-1	SB-550	0.5	1	20081023	--	--	--	--	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	86	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	80	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	83	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	91	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	85	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	87	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	86	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	82	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	86	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	88	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	90	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	88	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	91	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	93	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	83	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	82	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	91	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	95	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	90	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	89	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	89	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	87	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	86	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	93	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	93	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	93	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	93	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	91	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	92	--	--	--	--	--
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	90	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	92	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	92	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	85	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	90	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	87	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	86	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	91	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	88	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	96	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	95	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	92	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	86	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	85	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	86	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	90	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	91	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	91	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	90	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	87	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	91	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	91	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	21 U	21 U	21 U	21 U	21 U	21 U	21 U
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	5.6 J
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	27
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	950 U	950 U	950 U	950 U	950 U	950 U	3800
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	910 U	910 U	910 U	910 U	910 U	4800	3800 J
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	1800 U	1800 U	1800 U	1800 U	1800 U	36000	17000 J
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	180
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	18 U
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	18 U
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	11 J
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	51	19 U
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	196 U	196 U	196 U	196 U	196 U	196 U	1600
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	18 U
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	18 U
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	5.2 J
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	18 U
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	18 U
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	13 J
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	18 U
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	40
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	17 U	17 U	17 U	17 U	17 U	17 U	17 U
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	18 U
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	11 J
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	97 U	97 U	97 U	97 U	97 U	97 U	1000
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	340
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	210
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	11 J
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	92 U	92 U	92 U	92 U	92 U	92 U	1200
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	4.3 J
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	5.4 J
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	25
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	18 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	0 U	73.5	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	5.6	59.6	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	27	84	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	3800	6650	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	8600	10875	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	53000	57500	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	180	234	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	11	68	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	51	108	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	1600	2188	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	5.2	59.2	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	13	67	--	--	--	--	--	--	--	--	--	--
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	40	97	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	0 U	59.5	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	11	65	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	1000	1291	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	340	400	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	210	267	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	11	65	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	1200	1476	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	4.3	61.3	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	5.4	62.4	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	25	79	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	0 U	63	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUAL ENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	[illegible]	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					[illegible]YCLIC [illegible]ATIC [illegible]ARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					[illegible]KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
SB-550-SS0-0.5	SB-550	0	0.5	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-2	SB-561	2	2	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-2	SB-551	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-2	SB-552	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-2	SB-553	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-2	SB-554	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-2	SB-555	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-2	SB-556	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-2	SB-557	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-2	SB-558	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-2	SB-559	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-2	SB-560	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-2	SB-561	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-2	SB-562	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-2	SB-563	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-2	SB-564	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-2	SB-565	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-2	SB-566	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-2	SB-567	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-2	SB-568	2	2	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
SB-550-SS0-0.5	SB-550	0	0.5	20081023	--	--	--	--	NORMAL
SB-551-2	SB-551	2	2	20081023	--	--	--	--	NORMAL
SB-551-SS0.5-1	SB-551	0.5	1	20081023	--	--	--	--	NORMAL
SB-551-SS0-0.5	SB-551	0	0.5	20081023	--	--	--	--	NORMAL
SB-552-2	SB-552	2	2	20081023	--	--	--	--	NORMAL
SB-552-SS0.5-1	SB-552	0.5	1	20081023	--	--	--	--	NORMAL
SB-552-SS0-0.5	SB-552	0	0.5	20081023	--	--	--	--	NORMAL
SB-553-2	SB-553	2	2	20081021	--	--	--	--	NORMAL
SB-553-SS0.5-1	SB-553	0.5	1	20081021	--	--	--	--	NORMAL
SB-554-2	SB-554	2	2	20081021	--	--	--	--	NORMAL
SB-554-SS0.5-1	SB-554	0.5	1	20081021	--	--	--	--	NORMAL
SB-555-2	SB-555	2	2	20081021	--	--	--	--	BACKFILL
SB-555-SS0.5-1	SB-555	0.5	1	20081021	--	--	--	--	BACKFILL
SB-555-SS0-0.5	SB-555	0	0.5	20081021	--	--	--	--	BACKFILL
SB-556-2	SB-556	2	2	20081021	--	--	--	--	NORMAL
SB-556-SS0.5-1	SB-556	0.5	1	20081021	--	--	--	--	NORMAL
SB-556-SS0-0.5	SB-556	0	0.5	20081021	--	--	--	--	NORMAL
SB-557-2	SB-557	2	2	20081021	--	--	--	--	NORMAL
SB-557-SS0.5-1	SB-557	0.5	1	20081021	--	--	--	--	NORMAL
SB-557-SS0-0.5	SB-557	0	0.5	20081021	--	--	--	--	NORMAL
SB-558-2	SB-558	2	2	20081021	--	--	--	--	NORMAL
SB-558-SS0.5-1	SB-558	0.5	1	20081021	--	--	--	--	NORMAL
SB-558-SS0-0.5	SB-558	0	0.5	20081021	--	--	--	--	NORMAL
SB-559-2	SB-559	2	2	20081022	--	--	--	--	NORMAL
SB-559-SS0.5-1	SB-559	0.5	1	20081022	--	--	--	--	NORMAL
SB-559-SS0-0.5	SB-559	0	0.5	20081022	--	--	--	--	NORMAL
SB-560-2	SB-560	2	2	20081022	--	--	--	--	NORMAL
SB-560-SS0.5-1	SB-560	0.5	1	20081022	--	--	--	--	NORMAL
SB-560-SS0-0.5	SB-560	0	0.5	20081022	--	--	--	--	NORMAL
SB-561-2	SB-561	2	2	20081021	--	--	--	--	NORMAL
SB-561-SS0.5-1	SB-561	0.5	1	20081021	--	--	--	--	NORMAL
SB-561-SS0-0.5	SB-561	0	0.5	20081021	--	--	--	--	NORMAL
SB-562-2	SB-562	2	2	20081021	--	--	--	--	NORMAL
SB-562-SS0.5-1	SB-562	0.5	1	20081021	--	--	--	--	NORMAL
SB-562-SS0-0.5	SB-562	0	0.5	20081021	--	--	--	--	NORMAL
SB-563-2	SB-563	2	2	20081021	--	--	--	--	NORMAL
SB-563-SS0.5-1	SB-563	0.5	1	20081021	--	--	--	--	NORMAL
SB-563-SS0-0.5	SB-563	0	0.5	20081021	--	--	--	--	NORMAL
SB-564-2	SB-564	2	2	20081022	--	--	--	--	NORMAL
SB-564-SS0.5-1	SB-564	0.5	1	20081022	--	--	--	--	NORMAL
SB-564-SS0-0.5	SB-564	0	0.5	20081022	--	--	--	--	NORMAL
SB-565-2	SB-565	2	2	20081022	--	--	--	--	NORMAL
SB-565-SS0.5-1	SB-565	0.5	1	20081022	--	--	--	--	NORMAL
SB-565-SS0-0.5	SB-565	0	0.5	20081022	--	--	--	--	NORMAL
SB-566-2	SB-566	2	2	20081022	--	--	--	--	NORMAL
SB-566-SS0.5-1	SB-566	0.5	1	20081022	--	--	--	--	NORMAL
SB-566-SS0-0.5	SB-566	0	0.5	20081022	--	--	--	--	NORMAL
SB-567-2	SB-567	2	2	20081023	--	--	--	--	NORMAL
SB-567-SS0.5-1	SB-567	0.5	1	20081023	--	--	--	--	NORMAL
SB-567-SS0-0.5	SB-567	0	0.5	20081023	--	--	--	--	NORMAL
SB-568-2	SB-568	2	2	20081021	--	--	--	--	NORMAL

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES
					ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS	ALKYLATED PAHS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6A-SS	SB-006A	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					ALKYLATED PAHS	ALKYLATED PAHS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS
					UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	--	--	2.8 U	1.1	--	2.8 U	2.8 U	29	--	5.8 L	--	8 J	--	0.11 U	--	3.6 K	2.8 U
SB-6A-SS	SB-006A	0	1	20040917	--	--	2.8 U	1.7	--	2.8 U	2.8 U	10 K	--	5.1 L	--	2.8 UJ	--	0.11 U	--	5.6 K	2.8 U
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS
					METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	MISCELLANEOUS PARAMETERS	PCB HOMOLOGS	PCB HOMOLOGS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	F	MG/KG	S.U.	UG/KG	UG/KG
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	92	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	93	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	85	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	97	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	88	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	92	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	91	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	90	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	90	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	91	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	94	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	2.8 UL	2.2 UL	--	--	--	--	--	--	28 UL	--	--	--	--	--	--
SB-6A-SS	SB-006A	0	1	20040917	2.8 UL	2.3 UL	--	--	--	--	--	--	28 UL	--	--	--	--	--	--
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	910 U	910 U	910 U	910 U	910 U	910 U	11000
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	9000 U	9000 U	9000 U	9000 U	9000 U	9000 U	81000 J
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	690 U	690 U	690 U	690 U	690 U	690 U	7900
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	19000 U	19000 U	19000 U	19000 U	19000 U	19000 U	300000
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	18 U
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	180 U	180 U	180 U	180 U	180 U	180 U	3200
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	370 U	370 U	370 U	370 U	370 U	370 U	6800
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	18 U
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	18 U
SB-5A-SS	SB-005A	0	1	20040917	--	--	--	--	--	--	--	--	280 U	280 U	280 U	280 U	280 U	280 U	280 U
SB-6A-SS	SB-006A	0	1	20040917	--	--	--	--	--	--	--	--	290 U	290 U	290 U	290 U	290 U	290 U	290 U
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	19 U	19 U
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	19 U	19 U
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	110 U	82 U	71 U	66 U	87 U	87 U	650
SUST1-022916	SUST1	1.5	1.5	20160229	--	--	--	--	--	--	--	--	6800 U	9000 U	11000 U	6200 U	4500 U	7900 U	150000
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.2 U	5.5 U	4.6 U
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	5.1 U	5 U	9.7 U	5.8 U	5.6 U	6 U	89
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	5 U	4.8 U	9.5 U	5.7 U	5.5 U	5.8 U	5 J
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	5.1 U	5 U	9.7 U	5.8 U	5.6 U	6 U	5 U

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE
					PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					UG/KG	UG/KG	UG/KG	UG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	11000	13730	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	81000	108000	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	0 U	70	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	7900	9970	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	300000	357000	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	3200	3740	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	6800	7910	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	0 U	66.5	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	0 U	63	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	--	--	0 U	980	--	11000 U	110 U	--	--	--	380 U	380 U	380 U	380 U
SB-6A-SS	SB-006A	0	1	20040917	--	--	0 U	1015	--	11000 U	170	--	--	--	390 U	390 U	390 U	390 U
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	0 U	64	--	--	--	--	--	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	0 U	64	--	--	--	--	--	3.6 U	3.6 U	3.6 U	7.7	9.2
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	650	901.5	--	--	--	--	--	23 U	56	93	220	450
SUST1-022916	SUST1	1.5	1.5	20160229	5600 U	7300 U	150000	179150	250	--	--	53 U	--	--	--	--	--	--
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	0 U	19.35	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	89	107.6	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	5	23.15	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	0 U	21.1	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	MANUTUALENE
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC ARON HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	380 U	380 U	288.31	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380
SB-6A-SS	SB-006A	0	1	20040917	390 U	390 U	285.556	390 U	390 UJ	390 UJ	390 UJ	390 UJ	390 U	390 UJ	390 U	390 U	390 UJ	390
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	6.9278	4.8743	--	4.5 J	3.8 J	6.2 J	3.7 U	3.7 U	4.3 J	3.7 U	9.6	3.7 U	3.7 U	7.6
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	42.644	40.844	--	34	31	42	29	21	34	3.6 U	55	3.6 U	20	3.6
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	3154.3	3154.3	--	2000	2100	2700	1600	1200	2300	440	3400	110	1300	95
SUST1-022916	SUST1	1.5	1.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	YCLIC ATIC ARBONS	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ACTINIUM-228	ALUMINUM-26	AMERICIUM-241	ANTIMONY-124	ANTIMONY-125	BERYLLIUM-7	BISMUTH-212	BISMUTH-214	CERIUM-139
					POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					KG	UG/KG	UG/KG	UG/KG	UG/KG	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
SB-568-SS0.5-1	SB-568	0.5	1	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023		--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	U	380 U	380 U	0 U	--	--	--	--	--	--	--	--	--	--
SB-6A-SS	SB-006A	0	1	20040917	U	390 U	390 U	0 U	--	--	--	--	--	--	--	--	--	--
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627		11	6.8 J	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	U	20	49	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627		1100	3500	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229		--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722		--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CERIUM-144	CESIUM-134	CESIUM-137	CHROMIUM-51	COBALT-56	COBALT-57	COBALT-58	COBALT-60	EUROPIUM-152	EUROPIUM-154	EUROPIUM-155	IODINE-131	IRON-59
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6A-SS	SB-006A	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	LEAD-212	LEAD-214	MANGANESE-54	NIOBIUM-94	NIOBIUM-95	POTASSIUM-40	PROTACTINIUM-234	RADIUM-226	RUTHENIUM-106	SCANDIUM-46	SILVER-110	SODIUM-22	THALLIUM-208	THORIUM-227
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6A-SS	SB-006A	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	ZINC-65	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILES	SEMIVOLATILES
					PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	UG/KG	UG/KG
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	380 U	--
SB-6A-SS	SB-006A	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	390 U	--
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	40 U	250 U
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	380 U	950 U	380 U	380 U	380 U	950 U	380 U	380 U	380 U	380 U	--	380 U	950 U	380 U	380 U
SB-6A-SS	SB-006A	0	1	20040917	390 U	970 U	390 U	390 U	390 U	970 U	390 U	390 U	390 U	390 U	--	390 U	44 J	390 U	390 U
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	110 U	290 U	100 U	230 U	230 U	240 U	190 U	240 U	5.1 U	94 U	270	130 U	100 U	95 U	230 U
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	380 U	950 U	870 U	380 U	380 U	380 U	380 U	--	950 U	950 U	--	--	380 U	--	380 U
SB-6A-SS	SB-006A	0	1	20040917	390 U	970 U	890 U	390 U	390 U	390 U	390 U	--	970 U	970 U	--	--	390 U	--	390 U
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	210 U	180 U	100 U	150 U	240 U	190 U	150 U	--	300 U	190 U	800	290	100 U	1500	100 U
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	--	--	--	--	--	--	--	--	380 U	380 U	380 U	380 U	380 U
SB-6A-SS	SB-006A	0	1	20040917	--	--	--	--	--	--	--	--	390 U	390 U	390 U	390 U	390 U
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	6800	6800	140 U	4500	4700	6400	2700	2500	250 U	23 U	220 U	420 J	420 U
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	380 U	--	--	380 U	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U	380 U
SB-6A-SS	SB-006A	0	1	20040917	390 U	--	--	390 U	390 U	390 U	390 U	390 UJ	--	--	390 U	390 U	390 U	390 U
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	830	5000	740	350 J	180 U	190 U	170 U	90 U	9600	780	24 U	64 U	92 U	100 U
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM
					SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TCLP METALS	TCLP METALS
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	MG/L	MG/L
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	--	380 U	--	380 U	--	380 U	380 U	950 U	--	380 U	--	--	--	--	--
SB-6A-SS	SB-006A	0	1	20040917	--	390 U	--	390 U	--	390 U	390 U	970 U	--	390 U	--	--	--	--	--
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	2400	150 U	320	25 U	180 U	72 U	240 U	100 U	7200	83 U	9000	58700	58700	0.01 U	0.67 U
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER	1,1,3-TRIMETHYLCYCLOHEXANE	1,1-BIPHENYL	1,2-CYCLOPENTANEDIONE, 3-METHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	1-METHYLNAPHTHALENE	2,2-DIMETHYL-1-OXA-2-SILACYCLO-3,5-HEXAD	2-METHYLBUTANE	2-METHYLNAPHTHALENE	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-, TRIME	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-, ENDO
					TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TCLP METALS	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6A-SS	SB-006A	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	0.03 U	0.01 U	0.12 U	0 U	0 U	0 U	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CAMPHENE	CYCLOHEXANE, 1,1,2,3-TETRAMETHYL-	CYCLOHEXANE, 1,3,5-TRIMETHYL-, (1.ALPHA.	CYCLOHEXANE, 1,3-DIMETHYL-, TRANS-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-, CIS	CYCLOHEXANE, ETHYL-	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	DECANE	HEPTANE, 2,3-DIMETHYL-	HEPTANE, 2,6-DIMETHYL-	HEXANE	INDANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6A-SS	SB-006A	0	1	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	OCTANE, 3-METHYL-	PENTANE	TERT-BUTYLDIMETHYLSILANOL	UNKNOWN [10.67]	UNKNOWN [10.68]	UNKNOWN [12.28]	UNKNOWN [14.57]	UNKNOWN [2.15]	UNKNOWN [2.18]	UNKNOWN [5.25]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	--	--	--	--	--	--	--	--	--	--	6 U	6 U	6 U	6 U
SB-6A-SS	SB-006A	0	1	20040917	--	--	--	--	--	--	--	--	--	--	6 UJ	6 UJ	6 UJ	6 UJ
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	--	--	--	--	--	--	--	--	--	--	0.53 U	0.69 U	0.33 U	--
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	6 U	6 U	6 U	6 U	6 U	6 U	--	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-6A-SS	SB-006A	0	1	20040917	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ	--	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	0.45 U	0.36 U	0.85 U	0.39 U	0.53 U	0.83 U	0.49 U	0.4 U	0.62 U	2.9 U	0.56 U	0.36 U	0.49 U	0.15 U	--	0.73 U	0.42 U
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	6 U	6 U	55 U	6 U	6 U	55 U	6 U	6 U	55 U	55 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-6A-SS	SB-006A	0	1	20040917	6 UJ	6 UJ	58 UJ	6 UJ	6 UJ	58 UJ	6 UJ	6 UJ	58 UJ	58 UJ	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	0.3 U	0.47 U	1.2 U	0.68 UJ	0.32 U	0.72 U	0.28 U	0.44 U	1.3 U	6.1 U	0.96 U	0.35 U	0.35 U	0.31 U	0.25 U	0.45 U	0.63 UJ	0.69 U
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E1
Surface Soil (0-2 ft) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL TERT-BUTYL ETHER
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	--	--	6 U	--	6 U	11 U	--	6 U
SB-6A-SS	SB-006A	0	1	20040917	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ	--	--	6 UJ	--	6 UJ	12 UJ	--	6 UJ
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	0.56 U	0.39 U	0.47 U	0.38 U	0.84 U	0.3 U	0.75 U	0.45 U	0.3 U	0.63 U	0.44 U	0.34 U	0.42 U	0.21 U	0.45 U	--	0.46 U
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-2	SB-569	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-2	SB-570	2	2	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-2	SB-571	2	2	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5A-SS	SB-005A	0	1	20040917	8 J	6 U	6 U	6 U	6 U	6 U	6 U	--	6 U	--	6 U	--	6 U	--	--	6 U	6 U
SB-6A-SS	SB-006A	0	1	20040917	9 J	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ	--	6 UJ	--	6 UJ	--	6 UJ	--	--	6 UJ	6 UJ
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUST1-022916	SUST1	1.5	1.5	20160229	0.79 U	0.37 U	0.63 U	0.64 U	0.61 U	0.97 U	0.42 U	0.46 U	0.71 U	6.1 U	0.85 U	--	0.29 U	0.57 U	0 U	0.34 U	0.31 U
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	TYPE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	
SB-568-SS0.5-1	SB-568	0.5	1	20081021	--	--	--	--	NORMAL
SB-568-SS0-0.5	SB-568	0	0.5	20081021	--	--	--	--	NORMAL
SB-569-2	SB-569	2	2	20081022	--	--	--	--	NORMAL
SB-569-SS0.5-1	SB-569	0.5	1	20081022	--	--	--	--	BACKFILL
SB-569-SS0-0.5	SB-569	0	0.5	20081022	--	--	--	--	BACKFILL
SB-570-2	SB-570	2	2	20081022	--	--	--	--	NORMAL
SB-570-SS0.5-1	SB-570	0.5	1	20081022	--	--	--	--	BACKFILL
SB-570-SS0-0.5	SB-570	0	0.5	20081022	--	--	--	--	BACKFILL
SB-571-2	SB-571	2	2	20081023	--	--	--	--	NORMAL
SB-571-SS0.5-1	SB-571	0.5	1	20081023	--	--	--	--	NORMAL
SB-571-SS0-0.5	SB-571	0	0.5	20081023	--	--	--	--	NORMAL
SB-5A-SS	SB-005A	0	1	20040917	6 U	6 U	6 U	6 U	NORMAL
SB-6A-SS	SB-006A	0	1	20040917	6 UJ	6 UJ	6 UJ	6 UJ	NORMAL
S-SB-963-0.5-2	E-SB-963	0.5	2	20120627	--	--	--	--	NORMAL
S-SB-964-0.5-2	E-SB-964	0.5	2	20120627	--	--	--	--	NORMAL
S-SB-964-0-0.5	E-SB-964	0	0.5	20120627	--	--	--	--	NORMAL
SUST1-022916	SUST1	1.5	1.5	20160229	0.4 U	0.31 U	0.7 U	0.32 U	NORMAL
TCC-SB-1277-0-1	TCC-SB-1277	0	1	20140722	--	--	--	--	NORMAL
TCC-SB-1277-1-2	TCC-SB-1277	1	2	20140722	--	--	--	--	NORMAL
TCC-SB-1278-0-1	TCC-SB-1278	0	1	20140722	--	--	--	--	NORMAL
TCC-SB-1278-1-2	TCC-SB-1278	1	2	20140722	--	--	--	--	NORMAL

Notes:

mg/kg	milligrams per kilogram	SS	Surface soil
ug/kg	micrograms per kilogram	SB	Soil boring
Pci/g	picocuries per gram	CB	Catch basin
Pci/L	picocuries per liter	RAD	Radiological sample
ug/L	micrograms per liter	"D"	Field duplicate sample
mg/L	milligrams per liter	AVG	Value is an average of initial and duplicate sample results.
U	The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted detection limit.	BaPEq	Benzo(a)pyrene equivalents
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the reporting limit).	UR	The sample result (nondetected) is unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
J+	The result is an estimated quantity, but the result may be biased high.	PCB	Polychlorinated biphenyls
J-	The result is an estimated quantity, but the result may be biased low.	S.U.	A unitless scale of acidity (in pH)
UJ	The analyte was analyzed for, but was not detected. The reported detection limit is approximate and may be inaccurate or imprecise.	TPH	Total petroleum hydrocarbons
NJ	The analyte has been “tentatively identified” or “presumptively” as present and the associated numerical value is the estimated concentration in the sample.	PAH	Polycyclic aromatic hydrocarbons
R	The sample result (detected) is unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.		

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C1-FLUORANTHENES/PYRENES ALKYLATED PAHS (UG/KG)	C1-FLUORENES ALKYLATED PAHS (UG/KG)	C1-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	C2-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C2-FLUORENES ALKYLATED PAHS (UG/KG)	C2-NAPHTHALENES ALKYLATED PAHS (UG/KG)	C2-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	C3-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C3-FLUORENES ALKYLATED PAHS (UG/KG)	C3-NAPHTHALENES ALKYLATED PAHS (UG/KG)	C3-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	C4-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C4-NAPHTHALENES ALKYLATED PAHS (UG/KG)	C4-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	ANTIMONY METALS (MG/KG)	ARSENIC METALS (MG/KG)	BARIUM METALS (MG/KG)	BERYLLIUM METALS (MG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.8 UL	4.4 J	16 J	7
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-233	URANIUM-234	URANIUM-235
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	0.17 U	24	94	47	--	10	--	0.018 U	1.2 U	58	2.1 U	0.46 U	0.51 U	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	200 >	--	--	--	--	--	--	--	--
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	--	--	--	--	--	200 >	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	51	81	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NONACHLOROBIPHENYLS PCB HOMOLOGS (UG/KG)	OCTACHLOROBIPHENYLS PCB HOMOLOGS (UG/KG)	PENTACHLOROBIPHENYLS PCB HOMOLOGS (UG/KG)	TETRACHLOROBIPHENYLS PCB HOMOLOGS (UG/KG)	TRICHLOROBIPHENYLS PCB HOMOLOGS (UG/KG)	AROCLOR-1016 PCBS (UG/KG)	AROCLOR-1221 PCBS (UG/KG)	AROCLOR-1232 PCBS (UG/KG)	AROCLOR-1242 PCBS (UG/KG)	AROCLOR-1248 PCBS (UG/KG)	AROCLOR-1254 PCBS (UG/KG)	AROCLOR-1260 PCBS (UG/KG)	AROCLOR-1262 PCBS (UG/KG)	AROCLOR-1268 PCBS (UG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	15 U	20 U	25 U	14 U	9.9 U	17 U	180	12 U	16 U
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	--	--	--	--	--	14.5 U	19.5 U	24.5 U	13.5 U	9.7 U	17 U	165	12 U	15.5 U
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U	17 U	150	12 U	15 U
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	27 U	21 U	18 U	17 U	22 U	22 U	160	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	34 J	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	39 J	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	21 U	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	28 U	21 U	19 U	17 U	23 U	23 U	23 U	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	21 U	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	27 U	20 U	18 U	17 U	22 U	22 U	22 U	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	23 U	18 U	15 U	14 U	19 U	19 U	19 U	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	27 U	21 U	18 U	17 U	22 U	22 U	22 U	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	140	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	2300 U	1800 U	1500 U	1400 U	1900 U	1900 U	22000	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	2400 U	1800 U	1600 U	1500 U	2000 U	2000 U	26000	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	1200 U	910 U	800 U	740 U	970 U	970 U	6800	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	1200 U	920 U	800 U	750 U	980 U	980 U	9600	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	2400 U	1900 U	1600 U	1500 U	2000 U	2000 U	12000	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	23 U	18 U	15 U	14 U	27 J	19 U	19 U	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	23 U	18 U	15 U	14 U	19 U	19 U	52	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	2400 U	1900 U	1600 U	1500 U	2000 U	38000	2000 U	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	230 U	180 U	150 U	140 U	190 U	1400	190 U	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	230 U	180 U	150 U	140 U	190 U	1250	190 U	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	230 U	180 U	150 U	140 U	190 U	1100	190 U	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	12000 U	92000 U	81000 U	75000 U	98000 U	810000	98000 U	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	110 U	86 U	75 U	70 U	91 U	370	91 U	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	12000 U	94000 U	82000 U	76000 U	99000 U	340000 J	99000 U	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	18000 U	14200 U	12100 U	113000 U	149500 U	520000	149500 U	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	24000 U	19000 U	16000 U	150000 U	200000 U	700000 J	200000 U	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	12000 UJ	9500 UJ	8300 UJ	7700 UJ	10000 UJ	70000 J	10000 UJ	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	6011. U	4759 U	4157. U	3857 U	5009.5 U	35130	5009.5 U	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	23 UJ	18 UJ	15 UJ	14 UJ	19 UJ	260 J	19 UJ	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	120 U	88 U	77 U	72 U	94 U	310	94 U	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	12000 U	94000 U	82000 U	76000 U	100000 U	1600000	100000 U	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	4900 U	3800 U	3300 U	3100 U	4000 U	120000	4000 U	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	230 U	170 U	150 U	150 J	190 U	6400	190 U	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	51 J	19 U	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	23 U	18 U	16 U	15 U	19 U	19 U	140	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
					PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	180	244.45	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	165	228.1	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	150	211.75	--	--	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	0 U	67	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	160	223.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	34	90.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	39	99.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	0 U	67.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	0 U	68	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	0 U	71	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	0 U	77	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	0 U	71	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	0 U	74	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	0 U	63.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	0 U	74.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	140	195.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	22000	27400	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	26000	31650	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	6800	9595	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	9600	12415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	12000	17700	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	27	81	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	52	106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	38000	43700	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	1400	1940	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	1250	1790	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	1100	1640	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	810000	1092000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	370	631.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	340000	625000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	520000	947500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	700000	1270000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	70000	98750	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	35130	49532	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	260	314	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	310	582.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	1600000	1886000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	120000	131550	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	6550	7015	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	51	106.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	140	195	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE
					PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	20	--	--	57 U	--	--
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	18	--	--	56 U	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	16 J	--	--	55 U	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	3.9 U
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	4.2 U
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	3.8 U
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	4 U
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	54 U	19000 B	3.9 U
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	4.3 U
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	3.9 U
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	4.1 U
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	4.3 U
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	3.6 U
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7 U
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	4.3 U
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	3.8 U
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	4.2 U	4.2 U	4.2 U	9.2	78.842	76.742	--	66	57	88	52
E-CB-11A-6-8	E-CB-11A	6	8	20120720	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-CB-11A-8-10	E-CB-11A	8	10	20120720	4 U	4 U	4 U	4 U	19.529	17.529	--	16	13	17	12
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	--	4.3 U	4.3 U	4.3 U	4.3 U
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	3.9 U	3.9 U	3.9 U	3.9 U	6.5752	2.6557	--	5.1 J	3.9 U	5.4 J	3.9 U
E-CB-13-6-8	E-CB-13	6	8	20120720	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	4.1 U	4.1 U	4.1 U	4.1 U
E-CB-13-8-10	E-CB-13	8	10	20120720	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	--	4.3 U	4.3 U	4.3 U	4.3 U
E-CB-2-2-4	E-CB-2	2	4	20120719	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	3.6 U	3.6 U	3.6 U	3.6 U
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U
E-CB-2-6-8	E-CB-2	6	8	20120719	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	--	4.3 U	4.3 U	4.3 U	4.3 U
E-CB-2-8-10	E-CB-2	8	10	20120719	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	46	82	4.2 U	86	4.2 U	38	4.2 U	26	88	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	8.6	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	11	19	4 U	21	4 U	11	4 U	4 U	20	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	4.3 U	1.4 U	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	3.9 U	5.7 J	3.9 U	28	3.9 U	16	3.9 U	3.9 U	6 J	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	4.1 U	1.4 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	4.3 U	1.4 U	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	3.6 U	1.2 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	3.7 U	1.2 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	4.3 U	1.4 U	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214	POTASSIUM-40
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	0.737	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	0.914	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	0.45 J	0.265 J	0.336 J	--	--	0.152 J	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	0.219 J	0.184 J	0.0931 U	--	--	0.211 J	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	0.34 J	0.514 J	0.34 J	--	--	0.375 J	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	0.359 J	0.181 J	0.453 J	--	--	0.231 J	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	4.3 U	27 U	12 U	31 U	11 U	25 U	25 U	26 U	21 U	26 U
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	--	--	--	--	4.25 U	26.5 U	11.5 U	30.5 U	11 U	24.5 U	24.5 U	25.5 U	20.5 U	25.5 U
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	4.2 U	26 U	11 U	30 U	11 U	24 U	24 U	25 U	20 U	25 U
DREW-030216	DREW	2.5	2.5	20160302	0.0206 U	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	0.0183 U	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	0.0409 U	--	0.166 J	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	- U	--	0.104 J	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	0.0409 U	--	0.249 J	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	0.0119 U	--	0.126 J	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	4 U	25 U	11 U	29 U	10 U	23 U	23 U	24 U	19 U	24 U
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	4.1 U	26 U	11 U	29 U	10 U	23 U	23 U	25 U	20 U	25 U
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	4 U	25 U	11 U	29 U	10 U	23 U	23 U	24 U	19 U	24 U
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	3.9 U	25 U	11 U	28 U	10 U	22 U	22 U	24 U	19 U	24 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	0.55 U	10 U	0.61 U	13 U	11 U	10 U	25 U	22 UJ	20 U	11 U	16 U	26 U	21 U	16 U
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	0.545 U	9.9 U	0.605 U	13 U	11 U	10 U	24.5 U	22 U	19.5 U	11 U	16 U	25.5 U	20.5 U	16 U
BOTT-051616-D	BOTT	8.5	8.5	20160516	0.54 U	9.8 U	0.6 U	13 U	11 U	10 U	24 U	22 UJ	19 U	11 U	16 U	25 U	20 U	16 U
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	0.52 U	9.4 U	0.57 U	13 U	10 U	9.5 U	23 U	21 U	18 U	11 U	15 U	24 U	19 U	15 U
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	0.53 U	9.6 U	0.58 U	13 U	11 U	9.7 U	23 U	21 U	19 U	11 U	15 U	25 U	20 U	15 U
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	0.52 U	9.4 U	0.57 U	13 U	10 U	9.5 U	23 U	21 U	18 U	11 U	15 U	24 U	19 U	15 U
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	0.51 U	9.2 U	0.56 U	12 U	10 U	9.3 U	22 U	20 U	18 U	10 U	15 U	24 U	19 U	15 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	--	32 U	21 U	30	5.1 J	11 U	58	11 U	381.97	381.97	15 U	250	250	350
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	--	31.5 U	20.5 U	24.5	5.85	11 U	49.5	11 U	393.27	393.27	14.5 U	245	255	370
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	31 U	20 U	19	6.6 J	11 U	41	11 U	404.57	404.57	14 U	240	260	390
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	30 U	19 U	0.87 U	0.4 U	11 U	0.89 U	10 U	0.73 U	0.73 U	14 U	0.72 U	0.73 U	0.68 U
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	30 U	20 U	0.89 U	0.41 U	11 U	0.91 U	11 U	0.75 U	0.75 U	14 U	0.74 U	0.75 U	0.69 U
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	30 U	19 U	0.87 U	0.4 U	11 U	0.89 U	10 U	0.73 U	0.73 U	14 U	0.72 U	0.73 U	0.68 U
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	29 U	19 U	0.85 U	0.39 U	10 U	0.88 U	10 U	0.72 U	0.72 U	13 U	0.71 U	0.72 U	0.66 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	200	170	27 U	2.5 U	25 J	12 U	45 U	35 J	270	53	9.7 J	20 U	21 U	18 U
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	210	150	26.5 U	2.45 U	18.25	12 U	44.5 U	25.5	270	57.5	5.0475	19.5 U	20.5 U	18.5
BOTT-051616-D	BOTT	8.5	8.5	20160516	220	130	26 U	2.4 U	23 U	12 U	44 U	32 U	270	62	0.79 U	19 U	20 U	28 J
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	0.4 U	0.78 U	25 U	2.3 U	22 U	11 U	42 U	31 U	1.3 U	0.76 U	0.76 U	18 U	19 U	19 B
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	0.41 U	0.79 U	26 U	2.3 U	22 U	12 U	43 U	32 U	1.3 U	0.77 U	0.77 U	19 U	20 U	24 B
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	0.4 U	0.78 U	25 U	2.3 U	22 U	11 U	42 U	31 U	1.3 U	0.76 U	0.76 U	18 U	19 U	17 U
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	0.39 U	0.76 U	25 U	2.2 U	21 U	11 U	42 U	30 U	1.2 U	0.74 U	0.74 U	18 U	19 U	20 J

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	9.7 U	530	24	2.6 U	6.9 U	9.9 U	11 U	170	16 U	4.2 J	2.7 U	20 UJ	7.7 U	26 U
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	9.6 U	500	20	2.55 U	6.8 U	9.8 U	11 U	175	16 U	2.345	2.65 U	19.5 U	7.65 U	25.5 U
BOTT-051616-D	BOTT	8.5	8.5	20160516	9.5 U	470	16	2.5 U	6.7 U	9.7 U	11 U	180	16 U	0.98 U	2.6 U	19 UJ	7.6 U	25 U
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	9.1 U	0.63 U	0.61 U	2.4 U	6.4 U	9.3 U	10 U	0.4 U	15 U	0.94 U	2.5 U	18 U	7.2 U	24 U
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	9.2 U	5.6 J	0.62 U	2.5 U	6.5 U	9.5 U	11 U	0.41 U	15 U	0.96 U	2.6 U	19 U	7.4 U	25 U
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	9 U	0.63 U	0.61 U	2.4 U	6.4 U	9.3 U	10 U	0.4 U	15 U	0.94 U	2.5 U	18 U	7.2 U	24 U
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	8.9 U	0.62 U	0.59 U	2.4 U	6.3 U	9.1 U	10 U	0.39 U	15 U	0.92 U	2.5 U	18 U	7.1 U	24 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)
BOTT-051616	BOTT	8.5	8.5	20160516	11 U	240	9 U	440	3044.3	3044.6	0.013 J	0.11 J	0.0004 J	0.0069 J	0.0051 J	0.00009 U	0.009 J
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	11 U	210	8.9 U	430	2974.4	2974.9	0.01115	0.09	0.000405	0.0077	0.0063	0.00009 U	0.005775
BOTT-051616-D	BOTT	8.5	8.5	20160516	11 U	180	8.8 U	420	2904.6	2905.3	0.0093 J	0.07 J	0.00041 J	0.0085 J	0.0075 J	0.00009 U	0.0051 U
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	10 U	0.84 U	8.4 U	0.5 U	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	11 U	0.85 U	8.5 U	5 J	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	10 U	0.84 U	8.4 U	0.5 U	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	10 U	0.82 U	8.2 U	0.49 U	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-
					TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	0.00092 U	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	0.00092 U	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	0.00092 U	--	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	SILANOL, DIMETHYL(1,1,2-TRIMETHYLPROPYL)	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]	UNKNOWN [2.17]
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-08	E-SB-1023	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-05	E-SB-1024	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-08	E-SB-1024	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-05	E-SB-1025	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-08	E-SB-1025	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-03	E-SB-1026	3	3	20131002	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	UNKNOWN [3.57]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	--	0.53 U	0.68 U	0.33 U	--	0.44 U	0.36 U	0.84 U	0.39 U	0.53 U	0.82 U	0.48 UJ
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	--	0.52 U	0.67 U	0.325 U	--	0.435 U	0.355 U	0.83 U	0.385 U	0.52 U	0.81 U	0.475 U
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	0.51 U	0.66 U	0.32 U	--	0.43 U	0.35 U	0.82 U	0.38 U	0.51 U	0.8 U	0.47 UJ
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	0.58 U	0.52 U	0.32 U	--	1.2 U	0.34 U	0.49 U	0.28 U	0.36 U	0.84 U	0.16 U
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	--	0.55 U	0.5 U	0.3 U	--	1.2 U	0.32 U	0.46 U	0.27 U	0.34 U	0.8 U	0.15 U
E-SB-1023-08	E-SB-1023	8	8	20131003	--	0.51 U	0.46 U	0.28 U	--	1.1 U	0.29 U	0.42 U	0.24 U	0.31 U	0.73 U	0.14 U
E-SB-1024-05	E-SB-1024	5	5	20131003	--	0.55 U	0.5 U	0.3 U	--	1.2 U	0.32 U	0.46 U	0.27 U	0.34 U	0.8 U	0.15 U
E-SB-1024-08	E-SB-1024	8	8	20131003	--	0.48 U	0.43 U	0.26 U	--	1 U	0.28 U	0.4 U	0.23 U	0.29 U	0.7 U	0.13 U
E-SB-1025-05	E-SB-1025	5	5	20131003	--	0.52 U	0.47 U	0.28 U	--	1.1 U	0.3 U	0.43 U	0.25 U	0.32 U	0.75 U	0.14 U
E-SB-1025-08	E-SB-1025	8	8	20131003	--	0.55 U	0.5 U	0.3 U	--	1.2 U	0.32 U	0.46 U	0.27 U	0.34 U	0.8 U	0.15 U
E-SB-1026-03	E-SB-1026	3	3	20131002	--	0.58 U	0.52 U	0.32 U	--	1.2 U	0.33 U	0.48 U	0.28 U	0.35 U	0.84 U	0.16 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	0.69 U	0.61 U	2.9 UJ	0.56 U	0.36 U	0.48 U	0.15 U	--	0.73 U	0.42 U	0.99 U	0.46 UJ
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	0.54 U	0.6 U	2.85 U	0.55 U	0.355 U	0.475 U	0.145 U	--	0.715 U	0.415 U	0.915 U	0.455 U
BOTT-051616-D	BOTT	8.5	8.5	20160516	0.39 U	0.59 U	2.8 UJ	0.54 U	0.35 U	0.47 U	0.14 U	--	0.7 U	0.41 U	0.84 U	0.45 UJ
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	0.25 U	0.61 U	1.2 U	0.47 U	0.34 U	0.32 U	0.65 U	--	0.33 U	0.32 U	0.62 U	0.88 U
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	0.24 U	0.58 U	1.2 U	0.44 U	0.32 U	0.3 U	0.61 U	--	0.31 U	0.3 U	0.58 U	0.83 U
E-SB-1023-08	E-SB-1023	8	8	20131003	0.22 U	0.53 U	1.1 U	0.41 U	0.29 U	0.28 U	0.56 U	--	0.29 U	0.28 U	0.54 U	0.77 U
E-SB-1024-05	E-SB-1024	5	5	20131003	0.24 U	0.58 U	1.2 U	0.44 U	0.32 U	0.3 U	0.61 U	--	0.31 U	0.3 U	0.59 U	0.84 U
E-SB-1024-08	E-SB-1024	8	8	20131003	0.21 U	0.5 U	1 U	0.39 U	0.28 U	0.26 U	0.53 U	--	0.27 U	0.26 U	0.51 U	0.73 U
E-SB-1025-05	E-SB-1025	5	5	20131003	0.23 U	0.54 U	1.1 U	0.42 U	0.3 U	0.28 U	0.58 U	--	0.29 U	0.28 U	0.55 U	0.78 U
E-SB-1025-08	E-SB-1025	8	8	20131003	0.24 U	0.58 U	1.2 U	0.44 U	0.32 U	0.3 U	0.61 U	--	0.31 U	0.3 U	0.59 U	0.83 U
E-SB-1026-03	E-SB-1026	3	3	20131002	0.25 U	0.6 U	1.2 U	0.46 U	0.33 U	0.32 U	0.64 U	--	0.33 U	0.32 U	0.61 U	0.87 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	2.2 J	0.67 U	0.32 U	0.72 U	0.27 U	0.43 U	1.3 U	10 J	0.95 U	0.35 U
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	2.5	0.66 U	0.315 U	0.705 U	0.27 U	0.425 U	1.25 U	11	0.935 U	0.345 U
BOTT-051616-D	BOTT	8.5	8.5	20160516	2.8 J	0.65 U	0.31 U	0.69 U	0.27 U	0.42 U	1.2 U	12 J	0.92 U	0.34 U
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	1.4 J	1.3 UR	0.37 U	0.59 U	0.38 U	0.2 U	0.51 U	20	0.22 U	0.31 U
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	1.2 U	1.2 U	0.35 U	0.56 U	0.36 U	0.19 U	0.48 U	5.6 U	0.2 U	0.29 U
E-SB-1023-08	E-SB-1023	8	8	20131003	1.1 U	1.1 U	0.33 U	0.51 U	0.33 U	0.17 U	0.44 U	5.1 U	0.19 U	0.27 U
E-SB-1024-05	E-SB-1024	5	5	20131003	1.2 U	1.2 U	0.36 U	0.56 U	0.36 U	0.19 U	0.48 U	5.6 U	0.2 U	0.29 U
E-SB-1024-08	E-SB-1024	8	8	20131003	1.1 U	1.1 U	0.31 U	0.49 U	0.32 U	0.16 U	0.42 U	5.8 J	0.18 U	0.26 U
E-SB-1025-05	E-SB-1025	5	5	20131003	1.2 U	1.2 U	0.33 U	0.53 U	0.34 U	0.18 U	0.45 U	5.3 U	0.19 U	0.28 U
E-SB-1025-08	E-SB-1025	8	8	20131003	2.8 J	1.2 U	0.35 U	0.56 U	0.36 U	0.19 U	0.48 U	16 B	0.2 U	0.29 U
E-SB-1026-03	E-SB-1026	3	3	20131002	1.3 U	1.3 U	0.37 U	0.59 U	0.38 U	0.2 U	0.5 U	5.9 U	0.21 U	0.31 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	0.35 U	0.31 U	0.25 U	0.44 U	1.1 U	0.68 U	0.98 J	0.39 U	0.46 U	0.38 U	0.83 U
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	0.345 U	0.305 U	0.245 U	0.435 U	1.15 U	0.67 U	0.99	0.385 U	0.455 U	0.375 U	0.82 U
BOTT-051616-D	BOTT	8.5	8.5	20160516	0.34 U	0.3 U	0.24 U	0.43 U	1.2 U	0.66 U	1 J	0.38 U	0.45 U	0.37 U	0.81 U
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	0.66 U	0.26 U	0.31 U	0.51 U	0.41 U	0.35 U	0.31 U	0.51 U	0.8 U	0.27 U	0.38 U
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	0.63 U	0.25 U	0.29 U	0.48 U	0.39 U	0.33 U	0.29 U	0.49 U	0.76 U	0.26 U	0.36 U
E-SB-1023-08	E-SB-1023	8	8	20131003	0.58 U	0.23 U	0.27 U	0.44 U	0.36 U	0.3 U	0.27 U	0.45 U	0.7 U	0.24 U	0.33 U
E-SB-1024-05	E-SB-1024	5	5	20131003	0.63 U	0.25 U	0.29 U	0.48 U	0.39 U	0.33 U	0.29 U	0.49 U	0.76 U	0.26 U	0.36 U
E-SB-1024-08	E-SB-1024	8	8	20131003	0.55 U	0.22 U	0.26 U	0.42 U	0.34 U	0.29 U	0.26 U	0.43 U	0.67 U	0.22 U	0.32 U
E-SB-1025-05	E-SB-1025	5	5	20131003	0.59 U	0.23 U	0.28 U	0.45 U	0.37 U	0.31 U	0.28 U	0.46 U	0.72 U	0.24 U	0.34 U
E-SB-1025-08	E-SB-1025	8	8	20131003	0.63 U	0.25 U	0.29 U	0.48 U	0.39 U	0.33 U	0.29 U	0.49 U	0.76 U	0.26 U	0.36 U
E-SB-1026-03	E-SB-1026	3	3	20131002	0.66 U	0.26 U	0.31 U	0.5 U	0.41 U	0.34 U	0.31 U	0.51 U	0.8 U	0.27 U	0.38 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	HEXANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	0.29 U	0.75 U	0.44 U	0.29 U	0.62 U	0.43 U	0.39 J	0.42 U	--	0.21 U	0.89 J	--
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	0.29 U	0.735 U	0.435 U	0.29 U	0.61 U	0.425 U	0.37	0.415 U	--	0.205 U	0.865	--
BOTT-051616-D	BOTT	8.5	8.5	20160516	0.29 U	0.72 U	0.43 U	0.29 U	0.6 U	0.42 U	0.35 J	0.41 U	--	0.2 U	0.84 J	--
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	0.34 U	0.32 U	0.59 U	0.47 U	1.4 U	0.21 U	0.24 U	1.1 U	--	0.15 U	1.1 U	--
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	0.32 U	0.3 U	0.56 U	0.44 U	1.3 U	0.19 U	0.23 U	1.1 U	--	0.14 U	1.1 U	--
E-SB-1023-08	E-SB-1023	8	8	20131003	0.29 U	0.28 U	0.51 U	0.41 U	1.2 U	0.18 U	0.21 U	0.98 U	--	0.13 U	0.98 U	--
E-SB-1024-05	E-SB-1024	5	5	20131003	1.6 J	0.3 U	0.56 U	0.44 U	1.3 U	0.2 U	0.23 U	1.1 U	--	0.14 U	1.1 U	--
E-SB-1024-08	E-SB-1024	8	8	20131003	0.28 U	0.26 U	0.49 U	0.39 U	1.2 U	0.17 U	0.2 U	0.93 U	--	0.12 U	0.93 U	--
E-SB-1025-05	E-SB-1025	5	5	20131003	0.3 U	0.28 U	0.53 U	0.42 U	1.3 U	0.18 U	0.22 U	1 U	--	0.13 U	1 U	--
E-SB-1025-08	E-SB-1025	8	8	20131003	0.32 U	0.3 U	0.56 U	0.44 U	1.3 U	0.2 U	0.23 U	1.1 U	--	0.14 U	1.1 U	--
E-SB-1026-03	E-SB-1026	3	3	20131002	0.33 U	0.32 U	0.59 U	0.46 U	1.4 U	0.2 U	0.24 U	1.1 U	--	0.15 U	1.1 U	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
BOTT-051616	BOTT	8.5	8.5	20160516	0.45 U	0.78 U	0.37 U	0.62 U	0.63 U	0.71 J	0.96 U	0.42 U	0.45 U	0.71 U	6 U	0.84 U
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	0.445 U	0.765 U	0.365 U	0.61 U	0.62 U	0.65	0.945 U	0.415 U	0.445 U	0.695 U	5.9 U	0.83 U
BOTT-051616-D	BOTT	8.5	8.5	20160516	0.44 U	0.75 U	0.36 U	0.6 U	0.61 U	0.59 J	0.93 U	0.41 U	0.44 U	0.68 U	5.8 U	0.82 U
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-6-8	E-CB-11B	6	8	20120719	0.4 U	0.63 U	0.18 U	0.22 U	0.37 U	0.33 U	0.17 U	0.14 U	0.35 U	0.27 U	7.1 UR	0.49 U
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-05	E-SB-1023	5	5	20131003	0.38 U	0.59 U	0.17 U	0.2 U	0.35 U	0.31 U	0.16 U	0.13 U	0.33 U	0.26 U	6.7 U	0.46 U
E-SB-1023-08	E-SB-1023	8	8	20131003	0.35 U	0.55 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.12 U	0.3 U	0.24 U	6.2 U	0.42 U
E-SB-1024-05	E-SB-1024	5	5	20131003	0.38 U	0.6 U	0.17 U	0.2 U	0.36 U	0.31 U	0.16 U	0.13 U	0.33 U	0.26 U	6.8 U	0.46 U
E-SB-1024-08	E-SB-1024	8	8	20131003	0.33 U	0.52 U	0.15 U	0.18 U	0.31 U	0.27 U	0.14 U	0.12 U	0.29 U	0.22 U	5.9 U	0.4 U
E-SB-1025-05	E-SB-1025	5	5	20131003	0.36 U	0.56 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.13 U	0.31 U	0.24 U	6.3 U	0.43 U
E-SB-1025-08	E-SB-1025	8	8	20131003	0.38 U	0.59 U	0.17 U	0.2 U	0.35 U	0.31 U	0.16 U	0.13 U	0.33 U	0.26 U	6.7 U	0.46 U
E-SB-1026-03	E-SB-1026	3	3	20131002	0.4 U	3.7 J	0.18 U	0.21 U	0.37 U	0.33 U	0.17 U	0.14 U	0.34 U	0.27 U	7.1 U	0.48 U

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
BOTT-051616	BOTT	8.5	8.5	20160516	--	0.28 U	1.6 J	1.6	0.34 U	0.31 U	0.4 U	0.31 U	0.69 U	0.32 U	NORMAL
BOTT-051616-AVG	BOTT	8.5	8.5	20160516	--	0.28 U	1.5	1.515	0.33 U	0.30 U	0.39 U	0.30 U	0.68 U	0.31 U	NORMAL
BOTT-051616-D	BOTT	8.5	8.5	20160516	--	0.28 U	1.4 J	1.43	0.33 U	0.3 U	0.39 U	0.3 U	0.67 U	0.31 U	NORMAL
DREW-030216	DREW	2.5	2.5	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
DRNS-030216	DRNS	4.5	4.5	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-11A-2-4	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-11A-2-4-RAD	E-CB-11A	2	4	20120720	--	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-11A-4-6	E-CB-11A	4	6	20120720	--	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-11A-6-8	E-CB-11A	6	8	20120720	--	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-11A-8-10	E-CB-11A	8	10	20120720	--	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-11B-2-4	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-11B-2-4-RAD	E-CB-11B	2	4	20120719	--	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-11B-4-6	E-CB-11B	4	6	20120719	--	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-11B-6-8	E-CB-11B	6	8	20120719	--	0.25 U	0.63 U	--	0.38 U	0.51 U	0.39 U	0.32 U	0.23 UR	0.36 U	NORMAL
E-CB-11B-8-10	E-CB-11B	8	10	20120719	--	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-13-2-4	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-13-2-4-RAD	E-CB-13	2	4	20120720	--	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-13-4-6	E-CB-13	4	6	20120720	--	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-13-6-8	E-CB-13	6	8	20120720	--	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-13-8-10	E-CB-13	8	10	20120720	--	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-2-2-4	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-2-2-4-RAD	E-CB-2	2	4	20120719	--	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-2-4-6	E-CB-2	4	6	20120719	--	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-2-6-8	E-CB-2	6	8	20120719	--	--	--	--	--	--	--	--	--	--	NORMAL
E-CB-2-8-10	E-CB-2	8	10	20120719	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1000-2-3	E-SB-1000	2	3	20130412	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1001-2-3	E-SB-1001	2	3	20130412	--	--	--	--	--	--	--	--	--	--	BACKFILL
E-SB-1002-2-3	E-SB-1002	2	3	20130412	--	--	--	--	--	--	--	--	--	--	BACKFILL
E-SB-1003-2-3	E-SB-1003	2	3	20130412	--	--	--	--	--	--	--	--	--	--	BACKFILL
E-SB-1004-2-3	E-SB-1004	2	3	20130412	--	--	--	--	--	--	--	--	--	--	BACKFILL
E-SB-1005-2-3	E-SB-1005	2	3	20130412	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1006-2-3	E-SB-1006	2	3	20130415	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1007-2-3	E-SB-1007	2	3	20130415	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1008-2-3	E-SB-1008	2	3	20130415	--	--	--	--	--	--	--	--	--	--	BACKFILL
E-SB-1009-2-3	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	BACKFILL
E-SB-1009-2-3-AVG	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	BACKFILL
E-SB-1009-2-3-D	E-SB-1009	2	3	20130415	--	--	--	--	--	--	--	--	--	--	BACKFILL
E-SB-1010-2-3	E-SB-1010	2	3	20130415	--	--	--	--	--	--	--	--	--	--	BACKFILL
E-SB-1011-2-3	E-SB-1011	2	3	20130415	--	--	--	--	--	--	--	--	--	--	BACKFILL
E-SB-1012-2-3	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	BACKFILL
E-SB-1012-2-3-AVG	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	BACKFILL
E-SB-1012-2-3-D	E-SB-1012	2	3	20130415	--	--	--	--	--	--	--	--	--	--	BACKFILL
E-SB-1013-2-3	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	BACKFILL
E-SB-1013-2-3-AVG	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	BACKFILL
E-SB-1013-2-3-D	E-SB-1013	2	3	20130415	--	--	--	--	--	--	--	--	--	--	BACKFILL
E-SB-1014-2-3	E-SB-1014	2	3	20130415	--	--	--	--	--	--	--	--	--	--	BACKFILL
E-SB-1015-2-3	E-SB-1015	2	3	20130415	--	--	--	--	--	--	--	--	--	--	BACKFILL
E-SB-1016-2-3	E-SB-1016	2	3	20130416	--	--	--	--	--	--	--	--	--	--	BACKFILL
E-SB-1017-2-3	E-SB-1017	2	3	20130416	--	--	--	--	--	--	--	--	--	--	BACKFILL
E-SB-1018-2-3	E-SB-1018	2	3	20130416	--	--	--	--	--	--	--	--	--	--	BACKFILL
E-SB-1023-05	E-SB-1023	5	5	20131003	--	0.24 U	0.31 U	--	0.36 U	0.48 U	1.2 J	0.3 U	0.22 U	0.35 U	NORMAL
E-SB-1023-08	E-SB-1023	8	8	20131003	--	0.22 U	0.29 U	--	0.33 U	0.44 U	0.35 J	0.28 U	0.2 U	0.32 U	NORMAL
E-SB-1024-05	E-SB-1024	5	5	20131003	--	0.24 U	0.31 U	--	0.36 U	0.48 U	51	0.3 U	0.22 U	0.35 U	NORMAL
E-SB-1024-08	E-SB-1024	8	8	20131003	--	0.21 U	0.27 U	--	0.32 U	0.42 U	4.3	0.26 U	0.19 U	0.3 U	NORMAL
E-SB-1025-05	E-SB-1025	5	5	20131003	--	0.23 U	0.29 U	--	0.34 U	0.45 U	1.4 J	0.28 U	0.21 U	0.33 U	NORMAL
E-SB-1025-08	E-SB-1025	8	8	20131003	--	0.24 U	0.31 U	--	0.36 U	0.48 U	0.37 U	0.3 U	0.22 U	0.35 U	NORMAL
E-SB-1026-03	E-SB-1026	3	3	20131002	--	0.25 U	0.33 U	--	0.38 U	0.5 U	8.3	0.32 U	0.23 U	0.36 U	NORMAL

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C1-FLUORANTHENES/PYRENES ALKYLATED PAHS (UG/KG)	C1-FLUORENES ALKYLATED PAHS (UG/KG)	C1-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	C2-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C2-FLUORENES ALKYLATED PAHS (UG/KG)	C2-NAPHTHALENES ALKYLATED PAHS (UG/KG)	C2-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	C3-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C3-FLUORENES ALKYLATED PAHS (UG/KG)	C3-NAPHTHALENES ALKYLATED PAHS (UG/KG)	C3-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	C4-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C4-NAPHTHALENES ALKYLATED PAHS (UG/KG)	C4-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	ANTIMONY METALS (MG/KG)	ARSENIC METALS (MG/KG)	BARIUM METALS (MG/KG)	BERYLLIUM METALS (MG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.18 J	6	17	1.9
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.14 J	5.3	21	3.7
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.15 J	6.7	18	1.8
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.071 J	3.3	7.6	1.7
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-233	URANIUM-234	URANIUM-235
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	0.05 J	14 J	4.9 K	14 K	--	7.3 J	--	0.019 UL	0.38 J	13 K	3.4	0.018 B	0.07 J	--	--	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	0.058 J	15 J	5.1 K	16 K	--	5.6 J	--	0.017 UL	0.32 J	17 K	5.2	0.037 B	0.08 J	--	--	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	0.047 J	21 J	3.7 J	20 J	--	6.6 J	--	0.02 UL	0.33 J	13 J	4.8	0.016 B	0.09 J	--	--	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	0.029 J	9.2 J	9.6	13	--	3 J	--	0.021 UL	0.24 J	10	1.3	0.008 B	0.03 J	--	--	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	28 K	25 K	--	--	0.32 U	--	--	--	--	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	31 K	36 K	--	--	0.32 U	--	--	--	--	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	29 J	30 J	--	--	0.33 U	--	--	--	--	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	21	46	--	--	0.33 U	--	--	--	--	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	2.9 U	1.2 U	1.7 U	1.1 U	0.65 U
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268
					PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	25 J	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	110	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	48 U	37 U	32 U	30 U	39 U	39 U	360	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	91	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	26 U	19 U	17 U	16 U	21 U	21 U	21 U	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	26 U	19 U	17 U	16 U	21 U	21 U	21 U	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	19 U	19 U	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	21 U	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	46 U	35 U	31 U	29 U	37 U	37 U	370	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	19 U	19 U	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	19 U	19 U	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	19 U	19 U	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	59 U	45 U	39 U	36 U	48 U	48 U	180	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	480 U	370 U	320 U	300 U	390 U	390 U	3600	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	68	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	21 U	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	21 U	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	12 J	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	11 U	1.8 U	4 J	1.3 U	0.59 U	19 U	26 U	9 U	8.6 U	14 U	29 J	17 U	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	9 U	8.7 U	17 U	10 U	9.9 U	10 U	290	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	4.4 U	4.2 U	8.3 U	5 U	4.8 U	5.1 U	83	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.5 U	5.4 U	5.7 U	4.8 U	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.2 U	5.5 U	4.6 U	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	16 J	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	5.4 U	5.2 U	10 U	6.1 U	5.9 U	6.3 U	5.3 U	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
					PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	25	83.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	110	168.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	0 U	67.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	360	472.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-08	E-SB-1029	8	8	20131002	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	91	146.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	0 U	70.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	0 U	70.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	0 U	67.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	0 U	64	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	0 U	71	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	370	477.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	0 U	64	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	0 U	67	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	0 U	67.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	0 U	64	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	0 U	64	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	0 U	68	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	180	317.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	0 U	67	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	3600	4725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	68	124.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	0 U	68	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	0 U	71	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	0 U	71	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	12	28.95	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	29	75.8	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	290	322.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	83	98.9	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	0 U	20.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	0 U	19.35	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	16	33.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	0 U	22.1	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE
					PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	11 U	--	--	54 U	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	10 U	--	--	14000	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	10 U	--	--	51 U	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	11 U	--	--	53 U	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	11 U	--	--	52 U	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	10 U	--	--	50 U	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	35	--	--	51 U	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	11 U	--	--	51 U	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	10 U	--	--	51 U	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	11 U	--	--	51 U	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	--	--	--	--	11 U	--	--	82 B	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	--	--	--	--	11 U	--	--	63 B	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	--	--	--	--	11 U	--	--	72 B	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	--	--	--	--	11 U	--	--	55 U	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214	POTASSIUM-40
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	4 U	25 U	11 U	29 U	10 U	23 U	23 U	24 U	20 U	24 U
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	4.2 U	26 U	11 U	30 U	11 U	24 U	24 U	25 U	20 U	25 U
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	4.2 U	27 U	11 U	30 U	11 U	24 U	24 U	25 U	20 U	25 U
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	4 U	25 U	11 U	29 U	10 U	23 U	23 U	24 U	20 U	24 U
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	4.2 U	26 U	11 U	30 U	11 U	24 U	24 U	25 U	20 U	25 U
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	4 U	25 U	11 U	29 U	10 U	23 U	23 U	24 U	19 U	24 U
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	4 U	25 U	11 U	28 U	10 U	23 U	23 U	24 U	19 U	24 U
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	4 U	25 U	11 U	29 U	10 U	23 U	23 U	24 U	19 U	24 U
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	4 U	25 U	11 U	29 U	10 U	23 U	23 U	24 U	20 U	24 U
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	4.3 U	27 U	12 U	30 U	11 U	24 U	24 U	26 U	21 U	26 U
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	4 U	25 U	11 U	28 U	10 U	23 U	23 U	24 U	19 U	24 U
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	3.9 U	24 U	11 U	28 U	9.9 U	22 U	22 U	23 U	19 U	23 U
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	4 U	25 U	11 U	28 U	10 U	23 U	23 U	24 U	19 U	24 U
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	4 U	25 U	11 U	28 U	10 U	23 U	23 U	24 U	19 U	24 U
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	3.8 U	24 U	10 U	27 U	9.7 U	22 U	22 U	23 U	18 U	23 U
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	3.8 U	24 U	10 U	27 U	9.7 U	22 U	22 U	23 U	19 U	23 U
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	4 U	25 U	11 U	29 U	10 U	23 U	23 U	24 U	19 U	24 U
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	4.1 U	26 U	11 U	29 U	10 U	24 U	24 U	25 U	20 U	25 U
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	4.1 U	26 U	11 U	29 U	10 U	23 U	23 U	25 U	20 U	25 U
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	4.1 U	26 U	11 U	29 U	10 U	24 U	24 U	25 U	20 U	25 U
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	4 U	25 U	11 U	29 U	10 U	23 U	23 U	24 U	19 U	24 U
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	3.9 U	25 U	11 U	28 U	9.9 U	22 U	22 U	23 U	19 U	23 U
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	3.9 U	24 U	10 U	28 U	9.8 U	22 U	22 U	23 U	19 U	23 U
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	4.1 U	26 U	11 U	29 U	10 U	24 U	24 U	25 U	20 U	25 U
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	4.1 U	26 U	11 U	30 U	11 U	24 U	24 U	25 U	20 U	25 U
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	3.9 U	25 U	11 U	28 U	10 U	23 U	23 U	24 U	19 U	24 U
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	4 U	25 U	11 U	29 U	10 U	23 U	23 U	24 U	20 U	24 U
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	4 U	25 U	11 U	29 U	10 U	23 U	23 U	24 U	19 U	24 U
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	7.9 U	50 U	21 U	56 U	20 U	45 U	45 U	47 U	38 U	47 U
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	40 U	250 U	110 U	290 U	100 U	230 U	230 U	240 U	200 U	240 U
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	4.1 U	26 U	11 U	29 U	10 U	23 U	23 U	24 U	20 U	24 U
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	3.8 U	24 U	10 U	27 U	9.8 U	22 U	22 U	23 U	19 U	23 U
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	4.1 U	--	11 U	29 U	10 U	23 U	23 U	25 U	20 U	25 U
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	4.2 U	--	11 U	30 U	11 U	24 U	24 U	25 U	20 U	25 U
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	4.3 U	--	12 U	31 U	11 U	25 U	25 U	26 U	21 U	26 U
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	4.2 U	--	11 U	30 U	11 U	24 U	24 U	25 U	20 U	25 U
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	0.52 U	9.5 U	0.58 U	13 U	10 U	9.6 U	23 U	21 U	18 U	11 U	15 U	24 U	20 U	15 U
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	0.54 U	9.8 U	0.6 U	13 U	11 U	9.9 U	24 U	22 U	19 U	11 U	16 U	25 U	20 U	16 U
E-SB-1027-07	E-SB-1027	7	7	20131002	0.54 U	9.9 U	0.6 U	13 U	11 U	10 U	24 U	22 U	19 U	11 U	16 U	25 U	20 U	16 U
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	0.52 U	9.4 U	4.7 J	13 U	10 U	9.5 U	23 U	21 U	18 U	11 U	15 U	24 U	20 U	15 U
E-SB-1028-09	E-SB-1028	9	9	20131002	0.54 U	9.8 U	0.6 U	13 U	11 U	9.9 U	24 U	22 U	19 U	11 U	16 U	25 U	20 U	16 U
E-SB-1029-05	E-SB-1029	5	5	20131002	0.51 U	9.4 U	0.57 U	13 U	10 U	9.5 U	23 U	21 U	18 U	11 U	15 U	24 U	19 U	15 U
E-SB-1029-08	E-SB-1029	8	8	20131002	0.51 U	9.3 U	0.57 U	12 U	10 U	9.4 U	23 U	20 U	18 U	10 U	15 U	24 U	19 U	15 U
E-SB-1030-06	E-SB-1030	6	6	20131002	0.51 U	9.4 U	0.57 U	13 U	10 U	9.5 U	23 U	21 U	18 U	10 U	15 U	24 U	19 U	15 U
E-SB-1030-08	E-SB-1030	8	8	20131002	0.52 U	9.4 U	0.57 U	13 U	10 U	9.5 U	23 U	21 U	18 U	11 U	15 U	24 U	20 U	15 U
E-SB-1031-05	E-SB-1031	5	5	20131002	0.55 U	10 U	0.61 U	13 U	11 U	10 U	24 U	22 U	20 U	11 U	16 U	26 U	21 U	16 U
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	0.51 U	9.3 U	0.57 U	12 U	10 U	9.4 U	23 U	20 U	18 U	10 U	15 U	24 U	19 U	15 U
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	0.5 U	9.1 U	0.56 U	12 U	10 U	9.2 U	22 U	20 U	18 U	10 U	14 U	23 U	19 U	14 U
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	0.51 U	9.3 U	0.57 U	12 U	10 U	9.4 U	23 U	20 U	18 U	10 U	15 U	24 U	19 U	15 U
E-SB-1034-05	E-SB-1034	5	5	20131001	0.51 U	9.3 U	0.57 U	12 U	10 U	9.4 U	23 U	20 U	18 U	10 U	15 U	24 U	19 U	15 U
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	0.49 U	8.9 U	4.7 J	12 U	9.9 U	9 U	22 U	20 U	17 U	10 U	14 U	23 U	18 U	14 U
E-SB-1035-05	E-SB-1035	5	5	20131001	0.49 U	9 U	0.55 U	12 U	9.9 U	9.1 U	22 U	20 U	17 U	10 U	14 U	23 U	19 U	14 U
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	0.51 U	9.4 U	0.57 U	13 U	10 U	9.5 U	23 U	21 U	18 U	10 U	15 U	24 U	19 U	15 U
E-SB-1036-05	E-SB-1036	5	5	20131001	0.53 U	9.6 U	0.59 U	13 U	11 U	9.8 U	24 U	21 U	19 U	11 U	15 U	25 U	20 U	15 U
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	0.53 U	9.6 U	0.58 U	13 U	11 U	9.7 U	23 U	21 U	19 U	11 U	15 U	25 U	20 U	15 U
E-SB-1037-07	E-SB-1037	7	7	20131001	0.53 U	9.6 U	0.59 U	13 U	11 U	9.8 U	24 U	21 U	19 U	11 U	15 U	25 U	20 U	15 U
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	0.51 U	9.4 U	0.57 U	13 U	10 U	9.5 U	23 U	21 U	18 U	11 U	15 U	24 U	19 U	15 U
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	0.5 U	9.2 U	0.56 U	12 U	10 U	9.3 U	22 U	20 U	18 U	10 U	15 U	23 U	19 U	15 U
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	0.5 U	9 U	0.55 U	12 U	10 U	9.2 U	22 U	20 U	18 U	10 U	14 U	23 U	19 U	14 U
E-SB-1039-07	E-SB-1039	7	7	20131001	0.53 U	9.7 U	0.59 U	13 U	11 U	9.8 U	24 U	21 U	19 U	11 U	15 U	25 U	20 U	15 U
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	0.53 U	9.7 U	0.59 U	13 U	11 U	9.8 U	24 U	21 U	19 U	11 U	15 U	25 U	20 U	15 U
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	0.51 U	9.2 U	0.56 U	12 U	10 U	9.3 U	23 U	20 U	18 U	10 U	15 U	24 U	19 U	15 U
E-SB-1041-06	E-SB-1041	6	6	20131003	0.52 U	9.5 U	0.58 U	13 U	11 U	9.6 U	23 U	21 U	18 U	11 U	15 U	24 U	20 U	15 U
E-SB-1041-08	E-SB-1041	8	8	20131003	0.51 U	9.4 U	0.57 U	13 U	10 U	9.5 U	23 U	21 U	18 U	11 U	15 U	24 U	19 U	15 U
E-SB-1042-03	E-SB-1042	3	3	20131003	1 U	19 U	8 J	25 U	21 U	19 U	45 U	41 U	36 U	21 U	29 U	47 U	38 U	29 U
E-SB-1042-05	E-SB-1042	5	5	20131003	5.2 U	94 U	110	130 U	100 U	95 U	230 U	210 U	180 U	110 U	150 U	240 U	200 U	150 U
E-SB-1042-07	E-SB-1042	7	7	20131003	0.52 U	9.5 U	0.58 U	13 U	11 U	9.6 U	23 U	21 U	19 U	11 U	15 U	24 U	20 U	15 U
E-SB-1043-05	E-SB-1043	5	5	20131003	0.49 U	9 U	0.55 U	12 U	10 U	9.1 U	22 U	20 U	18 U	10 U	14 U	23 U	19 U	14 U
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	0.53 U	9.6 U	0.58 U	13 U	11 U	9.7 U	23 U	21 U	19 U	11 U	15 U	25 U	20 U	15 U
E-SB-113A-4-6	E-SB-113A	4	6	20130708	0.54 U	9.9 U	0.6 U	13 U	11 U	10 U	24 U	22 U	19 U	11 U	16 U	25 U	20 U	16 U
E-SB-114A-3-4	E-SB-114A	3	4	20130708	0.56 U	10 U	0.62 U	14 U	11 U	10 U	25 U	22 U	20 U	11 U	16 U	26 U	21 U	16 U
E-SB-114A-4-6	E-SB-114A	4	6	20130708	0.54 U	9.8 U	0.6 U	13 U	11 U	9.9 U	24 U	21 U	19 U	11 U	15 U	25 U	20 U	15 U
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	--	30 U	20 U	0.88 U	0.4 U	11 U	0.9 U	10 U	0.74 U	0.74 U	14 U	0.73 U	0.74 U	0.68 U
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	31 U	20 U	0.91 U	0.42 U	11 U	0.93 U	11 U	10.188	9.7725	14 U	8.1	7.7 J	12
E-SB-1027-07	E-SB-1027	7	7	20131002	--	31 U	20 U	0.92 U	0.42 U	11 U	5.9 J	11 U	70.202	69.802	14 U	48	51	89
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	30 U	20 U	0.87 U	0.4 U	11 U	0.9 U	10 U	23.545	23.165	14 U	20	17	27
E-SB-1028-09	E-SB-1028	9	9	20131002	--	31 U	20 U	0.91 U	0.42 U	11 U	0.93 U	11 U	24.884	24.489	14 U	30	17	34
E-SB-1029-05	E-SB-1029	5	5	20131002	--	30 U	19 U	0.87 U	0.4 U	11 U	0.89 U	10 U	0.73 U	0.73 U	14 U	0.72 U	0.73 U	0.67 U
E-SB-1029-08	E-SB-1029	8	8	20131002	--	29 U	19 U	0.86 U	0.4 U	10 U	0.88 U	10 U	6.4351	6.0363	14 U	9.7	4.4 J	6.6 J
E-SB-1030-06	E-SB-1030	6	6	20131002	--	30 U	19 U	0.87 U	0.4 U	10 U	0.89 U	10 U	0.73 U	0.73 U	14 U	0.72 U	0.73 U	0.67 U
E-SB-1030-08	E-SB-1030	8	8	20131002	--	30 U	20 U	0.87 U	0.4 U	11 U	0.9 U	10 U	0.74 U	0.74 U	14 U	0.72 U	0.74 U	0.68 U
E-SB-1031-05	E-SB-1031	5	5	20131002	--	32 U	21 U	0.93 U	0.43 U	11 U	0.95 U	11 U	0.78 U	0.78 U	15 U	0.77 U	0.78 U	0.72 U
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	29 U	19 U	0.86 U	0.4 U	10 U	0.88 U	10 U	0.72 U	0.72 U	14 U	0.71 U	0.72 U	0.67 U
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	29 U	19 U	0.85 U	0.39 U	10 U	0.87 U	10 U	0.71 U	0.71 U	13 U	0.7 U	0.71 U	0.66 U
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	30 U	19 U	0.86 U	0.4 U	10 U	0.89 U	10 U	1.8186	1.0548	14 U	5.2 J	0.73 U	5.3 J
E-SB-1034-05	E-SB-1034	5	5	20131001	--	29 U	19 U	0.86 U	0.4 U	10 U	0.88 U	10 U	0.72 U	0.72 U	14 U	0.71 U	0.72 U	0.67 U
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	28 U	18 U	22	0.38 U	10 U	36	9.9 U	171.13	170.77	13 U	130	130	220
E-SB-1035-05	E-SB-1035	5	5	20131001	--	28 U	19 U	0.83 U	0.38 U	10 U	0.85 U	9.9 U	0.7 U	0.7 U	13 U	0.69 U	0.7 U	0.65 U
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	30 U	19 U	0.87 U	0.4 U	10 U	0.89 U	10 U	0.73 U	0.73 U	14 U	0.72 U	0.73 U	0.67 U
E-SB-1036-05	E-SB-1036	5	5	20131001	--	31 U	20 U	0.89 U	0.41 U	11 U	0.92 U	11 U	0.75 U	0.75 U	14 U	0.74 U	0.75 U	0.69 U
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	30 U	20 U	0.89 U	0.41 U	11 U	0.91 U	11 U	0.75 U	0.75 U	14 U	0.74 U	0.75 U	0.69 U
E-SB-1037-07	E-SB-1037	7	7	20131001	--	31 U	20 U	0.89 U	0.41 U	11 U	0.92 U	11 U	0.75 U	0.75 U	14 U	0.74 U	0.75 U	0.69 U
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	30 U	19 U	0.87 U	0.4 U	11 U	0.89 U	10 U	0.73 U	0.73 U	14 U	0.72 U	0.73 U	0.67 U
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	29 U	19 U	0.85 U	0.39 U	10 U	0.87 U	10 U	0.71 U	0.71 U	13 U	0.7 U	0.71 U	0.66 U
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	29 U	19 U	0.84 U	0.39 U	10 U	0.86 U	10 U	0.71 U	0.71 U	13 U	0.7 U	0.71 U	0.65 U
E-SB-1039-07	E-SB-1039	7	7	20131001	--	31 U	20 U	0.89 U	0.41 U	11 U	0.92 U	11 U	0.75 U	0.75 U	14 U	0.74 U	0.75 U	0.69 U
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	31 U	20 U	0.9 U	0.41 U	11 U	0.92 U	11 U	0.76 U	0.76 U	14 U	0.75 U	0.76 U	0.7 U
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	29 U	19 U	0.86 U	0.39 U	10 U	4.1 J	10 U	11.638	11.268	14 U	11	8.4	11
E-SB-1041-06	E-SB-1041	6	6	20131003	--	30 U	20 U	0.88 U	0.4 U	11 U	0.9 U	11 U	6.3388	5.9349	14 U	6 J	4.8 J	5.3 J
E-SB-1041-08	E-SB-1041	8	8	20131003	--	30 U	19 U	0.87 U	0.4 U	11 U	0.89 U	10 U	0.73 U	0.73 U	14 U	0.72 U	0.73 U	0.67 U
E-SB-1042-03	E-SB-1042	3	3	20131003	--	59 U	38 U	64	10 J	21 U	140	21 U	1155.9	1155.9	27 U	730	780	1200
E-SB-1042-05	E-SB-1042	5	5	20131003	--	300 U	200 U	1400	4 U	110 U	2800	100 U	6549.9	6549.9	140 U	5300	4500	5900
E-SB-1042-07	E-SB-1042	7	7	20131003	--	30 U	20 U	0.88 U	0.41 U	11 U	12	11 U	16.852	16.467	14 U	21	12	17
E-SB-1043-05	E-SB-1043	5	5	20131003	--	28 U	19 U	0.83 U	0.38 U	10 U	0.85 U	10 U	0.7 U	0.7 U	13 U	0.69 U	0.7 U	0.65 U
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	30 U	20 U	0.89 U	0.41 U	11 U	0.91 U	11 U	0.75 U	0.75 U	14 UJ	0.74 U	0.75 U	0.69 U
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	31 U	20 U	0.92 U	0.42 U	11 U	0.94 U	11 U	0.77 U	0.77 U	14 UJ	0.76 U	0.77 U	0.71 U
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	32 U	21 U	0.94 U	0.43 U	11 U	0.96 U	11 U	0.79 U	0.79 U	15 UJ	0.78 U	0.79 U	0.73 U
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	31 U	20 U	0.91 U	0.42 U	11 U	0.93 U	11 U	0.76 U	0.76 U	14 UJ	0.75 U	0.76 U	0.7 U
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	0.4 U	0.78 U	25 U	2.3 U	22 U	12 U	43 U	31 U	1.3 U	0.76 U	0.76 U	18 U	20 U	40 J
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	7.2 J	5.5 J	26 U	2.4 U	28 J	12 U	44 U	32 U	7.5 J	0.79 U	0.79 U	19 U	20 U	24 J
E-SB-1027-07	E-SB-1027	7	7	20131002	49	44	27 U	2.4 U	32 J	12 U	45 U	33 U	62	0.8 U	0.8 U	19 U	20 U	22 J
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	16	14	25 U	2.3 U	28 B	11 U	42 U	31 U	25	0.76 U	0.76 U	18 U	20 U	36 B
E-SB-1028-09	E-SB-1028	9	9	20131002	11	6.3 J	26 U	2.4 U	37 B	12 U	46 J	32 U	26	0.79 U	0.79 U	19 U	20 U	120 B
E-SB-1029-05	E-SB-1029	5	5	20131002	0.4 U	0.78 U	25 U	2.3 U	22 U	11 U	42 U	31 U	1.3 U	0.75 U	0.75 U	18 U	19 U	59 B
E-SB-1029-08	E-SB-1029	8	8	20131002	0.4 U	0.77 U	25 U	2.3 U	21 U	11 U	42 U	31 U	6.3 J	0.75 U	0.75 U	18 U	19 U	110 B
E-SB-1030-06	E-SB-1030	6	6	20131002	0.4 U	0.78 U	25 U	2.3 U	22 U	11 U	42 U	31 U	1.3 U	0.75 U	0.75 U	18 U	19 U	29 B
E-SB-1030-08	E-SB-1030	8	8	20131002	0.4 U	0.78 U	25 U	2.3 U	22 U	11 U	43 U	31 U	1.3 U	0.76 U	0.76 U	18 U	20 U	80 B
E-SB-1031-05	E-SB-1031	5	5	20131002	0.43 U	0.83 U	27 U	2.4 U	23 U	12 U	45 U	33 U	1.3 U	0.8 U	0.8 U	20 U	21 U	51 B
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	0.4 U	0.77 U	25 U	2.3 U	21 U	11 U	42 U	31 U	1.2 U	0.75 U	0.75 U	18 U	19 U	31 B
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	0.39 U	0.76 U	24 U	2.2 U	21 U	11 U	41 U	30 U	1.2 U	0.73 U	0.73 U	18 U	19 U	42 B
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	0.4 U	0.77 U	25 U	2.3 U	22 U	11 U	42 U	31 U	4.8 J	0.75 U	0.75 U	18 U	19 U	75 JB
E-SB-1034-05	E-SB-1034	5	5	20131001	0.4 U	0.77 U	25 U	2.3 U	21 U	11 U	42 U	31 U	1.2 U	0.75 U	0.75 U	18 U	19 U	99 B
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	44	110	24 U	2.2 U	72 J	11 U	40 U	29 U	170	0.72 U	9.8 J	17 U	18 U	100 B
E-SB-1035-05	E-SB-1035	5	5	20131001	0.38 U	0.74 U	24 U	2.2 U	21 U	11 U	40 U	30 U	1.2 U	0.72 U	0.72 U	17 U	19 U	36 JB
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	0.4 U	0.78 U	25 U	2.3 U	22 U	11 U	42 U	31 U	1.3 U	0.75 U	0.75 U	18 U	19 U	56 JB
E-SB-1036-05	E-SB-1036	5	5	20131001	0.41 U	0.8 U	26 U	2.4 U	35 J	12 U	44 U	32 U	1.3 U	0.78 U	0.78 U	19 U	20 U	70 JB
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	0.41 U	0.79 U	26 U	2.3 U	25 J	12 U	43 U	32 U	1.3 U	0.77 U	0.77 U	19 U	20 U	65 JB
E-SB-1037-07	E-SB-1037	7	7	20131001	0.41 U	0.8 U	26 U	2.4 U	22 U	12 U	44 U	32 U	1.3 U	0.78 U	0.78 U	19 U	20 U	34 JB
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	0.4 U	0.78 U	25 U	2.3 U	22 U	11 U	42 U	31 U	1.3 U	0.75 U	0.75 U	18 U	19 U	33 JB
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	0.39 U	0.76 U	25 U	2.2 U	21 U	11 U	41 U	30 U	1.2 U	0.74 U	0.74 U	18 U	19 U	69 JB
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	0.39 U	0.75 U	24 U	2.2 U	21 U	11 U	41 U	30 U	1.2 U	0.73 U	0.73 U	18 U	19 U	58 JB
E-SB-1039-07	E-SB-1039	7	7	20131001	0.41 U	0.8 U	26 U	2.4 U	22 U	12 U	44 U	32 U	1.3 U	0.78 U	0.78 U	19 U	20 U	65 JB
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	0.41 U	0.81 U	26 U	2.4 U	23 J	12 U	44 U	32 U	1.3 U	0.78 U	0.78 U	19 U	20 U	64 B
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	6.3 J	6.4 J	25 U	2.3 U	27 J	11 U	42 U	30 U	14	0.74 U	0.74 U	18 U	19 U	83 B
E-SB-1041-06	E-SB-1041	6	6	20131003	0.4 U	0.79 U	25 U	2.3 U	22 U	12 U	43 U	31 U	4.9 J	0.76 U	0.76 U	18 U	20 U	45 B
E-SB-1041-08	E-SB-1041	8	8	20131003	0.4 U	0.78 U	25 U	2.3 U	22 U	11 U	42 U	31 U	1.3 U	0.75 U	0.75 U	18 U	19 U	25 B
E-SB-1042-03	E-SB-1042	3	3	20131003	510	310	50 U	4.5 U	43 U	23 U	84 U	98 J	820	130	25 J	36 U	38 U	34 U
E-SB-1042-05	E-SB-1042	5	5	20131003	2300	2500	250 U	23 U	220 U	110 U	420 U	1500	4900	680	670	180 U	200 U	170 U
E-SB-1042-07	E-SB-1042	7	7	20131003	6.7 J	9.7	26 U	2.3 U	22 U	12 U	43 U	31 U	20	0.77 U	0.77 U	19 U	20 U	24 B
E-SB-1043-05	E-SB-1043	5	5	20131003	0.38 U	0.75 U	24 U	2.2 U	21 U	11 U	41 U	30 U	1.2 U	0.72 U	0.72 U	18 U	19 U	41 B
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	0.41 U	0.79 U	26 U	2.3 U	22 U	12 U	43 U	32 U	1.3 U	0.77 U	0.77 U	19 U	20 U	18 U
E-SB-113A-4-6	E-SB-113A	4	6	20130708	0.42 U	0.82 U	27 U	2.4 U	23 U	12 U	45 U	33 U	1.3 U	0.8 U	0.8 U	19 U	20 U	32 B
E-SB-114A-3-4	E-SB-114A	3	4	20130708	0.43 U	0.84 U	27 U	2.5 U	23 U	12 U	46 U	33 U	1.4 U	0.82 U	0.82 U	20 U	21 U	19 U
E-SB-114A-4-6	E-SB-114A	4	6	20130708	0.42 U	0.81 U	26 U	2.4 U	23 U	12 U	44 U	32 U	1.3 U	0.79 U	0.79 U	19 U	20 U	18 U
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	9.1 U	7.1 J	0.61 U	2.4 U	6.5 U	9.3 U	10 U	0.4 U	15 U	0.95 U	2.5 U	18 U	7.3 U	24 U
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	9.4 U	10	0.63 U	2.5 U	6.7 U	9.7 U	11 U	0.42 U	16 U	0.98 U	2.6 U	19 U	7.5 U	25 U
E-SB-1027-07	E-SB-1027	7	7	20131002	9.5 U	84	0.64 U	2.5 U	6.7 U	9.8 U	11 U	46	16 U	0.99 U	2.7 U	19 U	7.6 U	25 U
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	9.1 U	40	0.61 U	2.4 U	6.4 U	9.3 U	10 U	13	15 U	0.94 U	2.5 U	18 U	7.2 U	24 U
E-SB-1028-09	E-SB-1028	9	9	20131002	9.4 U	51	0.63 U	2.5 U	6.7 U	9.7 U	11 U	10	16 U	0.98 U	2.6 U	19 U	7.5 U	25 U
E-SB-1029-05	E-SB-1029	5	5	20131002	9 U	0.63 U	0.61 U	2.4 U	6.4 U	9.3 U	10 U	0.4 U	15 U	0.94 U	2.5 U	18 U	7.2 U	24 U
E-SB-1029-08	E-SB-1029	8	8	20131002	8.9 U	0.62 U	0.6 U	2.4 U	6.3 U	9.2 U	10 U	0.4 U	15 U	0.93 U	2.5 U	18 U	7.1 U	24 U
E-SB-1030-06	E-SB-1030	6	6	20131002	9 U	0.63 U	0.6 U	2.4 U	6.4 U	9.2 U	10 U	0.4 U	15 U	0.94 U	2.5 U	18 U	7.2 U	24 U
E-SB-1030-08	E-SB-1030	8	8	20131002	9.1 U	0.63 U	0.61 U	2.4 U	6.4 U	9.3 U	10 U	0.4 U	15 U	0.94 U	2.5 U	18 U	7.2 U	24 U
E-SB-1031-05	E-SB-1031	5	5	20131002	9.6 U	0.67 U	0.65 U	2.6 U	6.8 U	9.9 U	11 U	0.43 U	16 U	1 U	2.7 U	20 U	7.7 U	26 U
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	8.9 U	0.62 U	0.6 U	2.4 U	6.3 U	9.2 U	10 U	0.4 U	15 U	0.93 U	2.5 U	18 U	7.1 U	24 U
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	8.8 U	0.61 U	0.59 U	2.3 U	6.2 U	9 U	10 U	0.39 U	14 U	0.91 U	2.4 U	18 U	7 U	23 U
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	9 U	10	0.6 U	2.4 U	6.4 U	9.2 U	10 U	0.4 U	15 U	0.93 U	2.5 U	18 U	7.2 U	24 U
E-SB-1034-05	E-SB-1034	5	5	20131001	8.9 U	0.62 U	0.6 U	2.4 U	6.3 U	9.2 U	10 U	0.4 U	15 U	0.93 U	2.5 U	18 U	7.1 U	24 U
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	8.6 U	290	15	2.3 U	6.1 U	8.8 U	9.8 U	45	14 U	11	2.4 U	17 U	6.9 U	23 U
E-SB-1035-05	E-SB-1035	5	5	20131001	8.6 U	0.6 U	0.58 U	2.3 U	6.1 U	8.9 U	9.8 U	0.38 U	14 U	0.9 U	2.4 U	17 U	6.9 U	23 U
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	9 U	0.63 U	0.6 U	2.4 U	6.4 U	9.2 U	10 U	0.4 U	15 U	0.94 U	2.5 U	18 U	7.2 U	24 U
E-SB-1036-05	E-SB-1036	5	5	20131001	9.3 U	0.65 U	0.62 U	2.5 U	6.6 U	9.5 U	11 U	0.41 U	15 U	0.96 U	2.6 U	19 U	7.4 U	25 U
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	9.2 U	0.64 U	0.62 U	2.5 U	6.5 U	9.5 U	11 U	0.41 U	15 U	0.96 U	2.6 U	19 U	7.4 U	25 U
E-SB-1037-07	E-SB-1037	7	7	20131001	9.3 U	0.65 U	0.62 U	2.5 U	6.6 U	9.5 U	11 U	0.41 U	15 U	0.96 U	2.6 U	19 U	7.4 U	25 U
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	9 U	0.63 U	0.61 U	2.4 U	6.4 U	9.3 U	10 U	0.4 U	15 U	3.8 J	2.5 U	18 U	7.2 U	24 U
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	8.8 U	0.61 U	0.59 U	2.3 U	6.3 U	9 U	10 U	0.39 U	15 U	0.92 U	2.5 U	18 U	7 U	23 U
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	8.7 U	0.61 U	0.58 U	2.3 U	6.2 U	8.9 U	9.9 U	0.39 U	14 U	0.9 U	2.4 U	18 U	7 U	23 U
E-SB-1039-07	E-SB-1039	7	7	20131001	9.3 U	0.65 U	0.62 U	2.5 U	6.6 U	9.5 U	11 U	0.41 U	15 U	0.97 U	2.6 U	19 U	7.4 U	25 U
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	9.4 U	0.65 U	0.63 U	2.5 U	6.6 U	9.6 U	11 U	0.41 U	15 U	0.97 U	2.6 U	19 U	7.5 U	25 U
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	8.9 U	27	0.6 U	2.4 U	6.3 U	9.1 U	10 U	5.9 J	15 U	0.92 U	2.5 U	18 U	7.1 U	24 U
E-SB-1041-06	E-SB-1041	6	6	20131003	9.1 U	13	0.61 U	2.4 U	6.5 U	9.4 U	10 U	0.4 U	15 U	0.95 U	2.5 U	18 U	7.3 U	24 U
E-SB-1041-08	E-SB-1041	8	8	20131003	9 U	0.63 U	0.61 U	2.4 U	6.4 U	9.3 U	10 U	0.4 U	15 U	0.94 U	2.5 U	18 U	7.2 U	24 U
E-SB-1042-03	E-SB-1042	3	3	20131003	18 U	1500	54	4.7 U	13 U	18 U	20 U	490	29 U	14 J	5 U	36 U	14 U	47 U
E-SB-1042-05	E-SB-1042	5	5	20131003	91 U	12000	1300	24 U	64 U	93 U	100 U	2200	150 U	280	25 U	180 U	72 U	240 U
E-SB-1042-07	E-SB-1042	7	7	20131003	9.2 U	100	0.62 U	2.4 U	6.5 U	9.4 U	10 U	5.5 J	15 U	0.95 U	2.6 U	19 U	7.3 U	24 U
E-SB-1043-05	E-SB-1043	5	5	20131003	8.7 U	0.6 U	0.58 U	2.3 U	6.1 U	8.9 U	9.9 U	0.38 U	14 U	0.9 U	2.4 U	18 U	6.9 U	23 U
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	9.2 U	0.64 U	0.62 U	2.5 U	6.5 U	9.5 U	11 U	0.41 U	15 U	0.96 U	2.6 U	19 U	7.4 U	25 U
E-SB-113A-4-6	E-SB-113A	4	6	20130708	9.5 U	0.66 U	0.64 U	2.5 U	6.7 U	9.8 U	11 U	0.42 U	16 U	0.99 U	2.7 U	19 U	7.6 U	25 U
E-SB-114A-3-4	E-SB-114A	3	4	20130708	9.8 U	0.68 U	0.65 U	2.6 U	6.9 U	10 U	11 U	0.43 U	16 U	1 U	2.7 U	20 U	7.8 U	26 U
E-SB-114A-4-6	E-SB-114A	4	6	20130708	9.4 U	0.66 U	0.63 U	2.5 U	6.7 U	9.7 U	11 U	0.42 U	15 U	0.98 U	2.6 U	19 U	7.5 U	25 U
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)
E-SB-1026-05	E-SB-1026	5	5	20131002	10 U	8.1	8.4 U	5 J	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	11 U	0.87 U	8.7 U	9.9	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	11 U	22	8.8 U	68	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	10 U	19	8.4 U	35	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	11 U	8.3	13 J	48	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	10 U	0.83 U	8.3 U	0.5 U	--	--	--	--	--	--	--	--	--
E-SB-1029-08	E-SB-1029	8	8	20131002	10 U	0.83 U	8.3 U	3.8 J	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	10 U	0.83 U	8.3 U	0.5 U	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	10 U	0.84 U	8.4 U	0.51 U	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	11 U	0.89 U	8.9 U	0.54 U	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	10 U	0.82 U	8.2 U	0.5 U	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	10 U	0.81 U	8.1 U	0.49 U	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	10 U	9.2	8.3 U	8.2	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	10 U	0.82 U	8.2 U	0.5 U	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	9.9 U	160	11 J	240	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	9.9 U	0.8 U	8 U	0.48 U	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	10 U	0.83 U	8.3 U	0.5 U	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	11 U	0.86 U	8.6 U	0.52 U	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	11 U	0.85 U	8.5 U	0.51 U	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	11 U	0.86 U	8.6 U	0.52 U	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	10 U	0.83 U	8.3 U	0.5 U	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	10 U	0.82 U	8.2 U	0.49 U	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	10 U	0.81 U	8.1 U	0.49 U	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	11 U	0.86 U	8.6 U	0.52 U	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	11 U	0.87 U	8.7 U	0.52 U	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	10 U	19	8.2 U	19	--	--	0.0071 J	0.15 J	0.00099 J	0.0026 J	0.031 J	0.00017 J	0.0041 U
E-SB-1041-06	E-SB-1041	6	6	20131003	11 U	7.8	8.4 U	10	--	--	0.0065 J	0.14 J	0.00066 U	0.0022 U	0.049 J	0.00017 J	0.0041 U
E-SB-1041-08	E-SB-1041	8	8	20131003	10 U	0.83 U	8.3 U	0.5 U	--	--	0.0032 U	0.056 J	0.00066 U	0.0022 U	0.03 J	0.00012 U	0.0041 U
E-SB-1042-03	E-SB-1042	3	3	20131003	21 U	630	16 U	1100	--	--	0.0081 J	0.58 J	0.0048 J	0.0022 U	4.8	0.00013 J	0.0041 U
E-SB-1042-05	E-SB-1042	5	5	20131003	100 U	11000	84 U	9200	--	--	0.0072 J	0.3 J	0.0037 J	0.0022 U	0.06 J	0.00012 U	0.0041 U
E-SB-1042-07	E-SB-1042	7	7	20131003	11 U	79	8.5 U	77	--	--	0.0047 J	0.085 J	0.00066 U	0.0033 J	0.036 J	0.0077	0.0041 U
E-SB-1043-05	E-SB-1043	5	5	20131003	10 U	0.8 U	8 U	0.48 U	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	11 U	0.85 U	8.5 U	0.51 U	--	--	--	--	--	--	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	11 U	0.88 U	8.8 U	0.53 U	--	--	--	--	--	--	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	11 U	0.9 U	9 U	0.54 U	--	--	--	--	--	--	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	11 U	0.87 U	8.7 U	0.52 U	--	--	--	--	--	--	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-
					TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	0.0022 U	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	0.0022 U	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	0.0022 U	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	0.0022 U	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	0.0022 U	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	0.0022 U	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	SILANOL, DIMETHYL(1,1,2-TRIMETHYLPROPYL)	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]	UNKNOWN [2.17]
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-08	E-SB-1026	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-05	E-SB-1027	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-07	E-SB-1027	7	7	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-08	E-SB-1027	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-08	E-SB-1028	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-09	E-SB-1028	9	9	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-05	E-SB-1029	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-08	E-SB-1029	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-06	E-SB-1030	6	6	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-08	E-SB-1030	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-05	E-SB-1031	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-08	E-SB-1031	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-05	E-SB-1032	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-08	E-SB-1032	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-05	E-SB-1033	5	5	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-08	E-SB-1033	8	8	20131002	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-04	E-SB-1034	4	4	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-05	E-SB-1034	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-08	E-SB-1034	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-03	E-SB-1035	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-05	E-SB-1035	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-08	E-SB-1035	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-03	E-SB-1036	3	3	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-05	E-SB-1036	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-08	E-SB-1036	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-05	E-SB-1037	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-07	E-SB-1037	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-08	E-SB-1037	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-07	E-SB-1038	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-08	E-SB-1038	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-05	E-SB-1039	5	5	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-07	E-SB-1039	7	7	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-08	E-SB-1039	8	8	20131001	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-05	E-SB-1040	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1040-08	E-SB-1040	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-04	E-SB-1041	4	4	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-06	E-SB-1041	6	6	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1041-08	E-SB-1041	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-03	E-SB-1042	3	3	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-05	E-SB-1042	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1042-07	E-SB-1042	7	7	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-05	E-SB-1043	5	5	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1043-08	E-SB-1043	8	8	20131003	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	UNKNOWN [3.57]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	--	0.53 U	0.48 U	0.29 U	--	1.1 U	0.31 U	0.45 U	0.26 U	0.33 U	0.77 U	0.15 U
E-SB-1026-08	E-SB-1026	8	8	20131002	--	0.61 U	0.55 U	0.33 U	--	1.3 U	0.35 U	0.51 U	0.3 U	0.37 U	0.89 U	0.17 U
E-SB-1027-05	E-SB-1027	5	5	20131002	--	17 U	40 U	17 U	--	74 U	32 U	34 U	19 U	19 U	40 U	0.32 U
E-SB-1027-07	E-SB-1027	7	7	20131002	--	53 U	120 U	52 U	--	230 U	98 U	100 U	58 U	58 U	120 U	0.98 U
E-SB-1027-08	E-SB-1027	8	8	20131002	--	37 U	85 U	36 U	--	160 U	69 U	73 U	40 U	40 U	85 U	0.69 U
E-SB-1028-08	E-SB-1028	8	8	20131002	--	730 U	1700 U	710 U	--	3100 U	1400 U	1400 U	800 U	800 U	1700 U	14 U
E-SB-1028-09	E-SB-1028	9	9	20131002	--	85 U	200 U	83 U	--	360 U	160 U	170 U	93 U	93 U	200 U	1.6 U
E-SB-1029-05	E-SB-1029	5	5	20131002	--	7.8 U	18 U	7.7 U	--	34 U	15 U	15 U	8.6 U	8.6 U	18 U	0.15 U
E-SB-1029-08	E-SB-1029	8	8	20131002	--	7.9 U	18 U	7.7 U	--	34 U	15 U	16 U	8.7 U	8.7 U	18 U	0.15 U
E-SB-1030-06	E-SB-1030	6	6	20131002	--	6.9 U	16 U	6.7 U	--	29 U	13 U	14 U	7.5 U	7.5 U	16 U	0.13 U
E-SB-1030-08	E-SB-1030	8	8	20131002	--	8 U	19 U	7.8 U	--	34 U	15 U	16 U	8.8 U	8.8 U	19 U	0.15 U
E-SB-1031-05	E-SB-1031	5	5	20131002	--	0.54 U	0.49 U	0.29 U	--	1.1 U	0.31 U	0.45 U	0.26 U	0.33 U	0.78 U	0.15 U
E-SB-1031-08	E-SB-1031	8	8	20131002	--	0.52 U	0.47 U	0.28 U	--	1.1 U	0.3 U	0.44 U	0.25 U	0.32 U	0.75 U	0.14 U
E-SB-1032-05	E-SB-1032	5	5	20131002	--	7.8 U	18 U	7.6 U	--	33 U	14 U	15 U	8.5 U	8.5 U	18 U	0.14 U
E-SB-1032-08	E-SB-1032	8	8	20131002	--	7.4 U	17 U	7.2 U	--	32 U	14 U	15 U	8.1 U	8.1 U	17 U	0.14 U
E-SB-1033-05	E-SB-1033	5	5	20131002	--	7.4 U	17 U	7.2 U	--	32 U	14 U	15 U	8.1 U	8.1 U	17 U	0.14 U
E-SB-1033-08	E-SB-1033	8	8	20131002	--	8.6 U	20 U	8.5 U	--	37 U	16 U	17 U	9.5 U	9.5 U	20 U	0.16 U
E-SB-1034-04	E-SB-1034	4	4	20131001	--	0.57 U	0.51 U	0.31 U	--	1.2 U	0.33 U	0.48 U	0.28 U	0.35 U	0.83 U	0.16 U
E-SB-1034-05	E-SB-1034	5	5	20131001	--	0.65 U	0.58 U	0.35 U	--	1.4 U	0.37 U	0.54 U	0.31 U	0.4 U	0.94 U	0.18 U
E-SB-1034-08	E-SB-1034	8	8	20131001	--	0.61 U	0.55 U	0.33 U	--	1.3 U	0.35 U	0.51 U	0.3 U	0.37 U	0.89 U	0.17 U
E-SB-1035-03	E-SB-1035	3	3	20131001	--	7.6 U	17 U	7.4 U	--	32 U	14 U	15 U	8.3 U	8.3 U	17 U	0.14 U
E-SB-1035-05	E-SB-1035	5	5	20131001	--	8.3 U	19 U	8.1 U	--	35 U	15 U	16 U	9.1 U	9.1 U	19 U	0.15 U
E-SB-1035-08	E-SB-1035	8	8	20131001	--	9.1 U	21 U	8.9 U	--	39 U	17 U	18 U	10 U	10 U	21 U	0.17 U
E-SB-1036-03	E-SB-1036	3	3	20131001	--	8 U	18 U	7.8 U	--	34 U	15 U	16 U	8.8 U	8.8 U	18 U	0.15 U
E-SB-1036-05	E-SB-1036	5	5	20131001	--	8.3 U	19 U	8.1 U	--	35 U	15 U	16 U	9.1 U	9.1 U	19 U	0.15 U
E-SB-1036-08	E-SB-1036	8	8	20131001	--	7.7 U	18 U	7.5 U	--	33 U	14 U	15 U	8.4 U	8.4 U	18 U	0.14 U
E-SB-1037-05	E-SB-1037	5	5	20131001	--	0.52 U	0.47 U	0.29 U	--	1.1 U	0.3 U	0.44 U	0.25 U	0.32 U	0.76 U	0.14 U
E-SB-1037-07	E-SB-1037	7	7	20131001	--	0.52 U	0.47 U	0.28 U	--	1.1 U	0.3 U	0.43 U	0.25 U	0.32 U	0.75 U	0.14 U
E-SB-1037-08	E-SB-1037	8	8	20131001	--	0.5 U	0.45 U	0.27 U	--	1.1 U	0.29 U	0.42 U	0.24 U	0.31 U	0.73 U	0.14 U
E-SB-1038-05	E-SB-1038	5	5	20131001	--	0.56 U	0.51 U	0.31 U	--	1.2 U	0.33 U	0.47 U	0.27 U	0.34 U	0.82 U	0.15 U
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	9.2 U	21 U	9 U	--	39 U	17 U	18 U	10 U	10 U	21 U	0.17 U
E-SB-1038-07	E-SB-1038	7	7	20131001	--	7.5 U	17 U	7.3 U	--	32 U	14 U	15 U	8.2 U	8.2 U	17 U	0.14 U
E-SB-1038-08	E-SB-1038	8	8	20131001	--	7.7 U	18 U	7.6 U	--	33 U	14 U	15 U	8.5 U	8.5 U	18 U	0.14 U
E-SB-1039-05	E-SB-1039	5	5	20131001	--	7 U	16 U	6.9 U	--	30 U	13 U	14 U	7.7 U	7.7 U	16 U	0.13 U
E-SB-1039-07	E-SB-1039	7	7	20131001	--	11 U	26 U	11 U	--	49 U	21 U	22 U	12 U	12 U	26 U	0.21 U
E-SB-1039-08	E-SB-1039	8	8	20131001	--	7.7 U	18 U	7.6 U	--	33 U	14 U	15 U	8.5 U	8.5 U	18 U	0.14 U
E-SB-1040-05	E-SB-1040	5	5	20131003	--	0.49 U	0.44 U	0.27 U	--	1 U	0.28 U	0.41 U	0.24 U	0.3 U	0.71 U	0.13 U
E-SB-1040-08	E-SB-1040	8	8	20131003	--	0.59 U	0.54 U	0.33 U	--	1.2 U	0.34 U	0.5 U	0.29 U	0.36 U	0.86 U	0.16 U
E-SB-1041-04	E-SB-1041	4	4	20131003	--	7.8 U	18 U	7.6 U	--	34 U	15 U	15 U	8.6 U	8.6 U	18 U	580
E-SB-1041-06	E-SB-1041	6	6	20131003	--	0.47 U	0.42 U	0.26 U	--	0.98 U	0.27 U	0.39 U	0.23 U	0.29 U	0.68 U	0.13 U
E-SB-1041-08	E-SB-1041	8	8	20131003	--	0.51 U	0.46 U	0.28 U	--	1.1 U	0.29 U	0.43 U	0.25 U	0.31 U	0.74 U	0.14 U
E-SB-1042-03	E-SB-1042	3	3	20131003	--	0.61 U	0.55 U	0.33 U	--	1.3 U	0.35 U	0.51 U	0.29 U	0.37 U	0.88 U	0.17 U
E-SB-1042-05	E-SB-1042	5	5	20131003	--	0.52 U	0.47 U	0.28 U	--	1.1 U	0.3 U	0.43 U	0.25 U	0.32 U	0.75 U	0.14 U
E-SB-1042-07	E-SB-1042	7	7	20131003	--	0.52 U	0.47 U	0.28 U	--	1.1 U	0.3 U	0.43 U	0.25 U	0.32 U	0.75 U	0.14 U
E-SB-1043-05	E-SB-1043	5	5	20131003	--	0.53 U	0.48 U	0.29 U	--	1.1 U	0.31 U	0.44 U	0.26 U	0.32 U	0.77 U	0.14 U
E-SB-1043-08	E-SB-1043	8	8	20131003	--	0.54 U	0.49 U	0.3 U	--	1.1 U	0.31 U	0.45 U	0.26 U	0.33 U	0.78 U	0.15 U
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	0.56 U	0.51 U	0.31 U	--	1.2 U	0.33 U	0.47 U	0.27 U	2.9 J	0.82 U	0.15 U
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	0.57 U	0.51 U	0.31 U	--	1.2 U	0.33 U	0.48 U	0.27 U	8.3 J	0.82 U	0.16 U
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	0.72 U	0.65 U	0.39 U	--	1.5 U	0.42 U	0.6 U	0.35 U	0.44 U	1 U	0.2 U
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	0.64 U	0.58 U	0.35 U	--	1.3 U	0.37 U	0.53 U	0.31 U	0.39 U	0.92 U	0.17 U
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	0.23 U	0.56 U	1.1 U	0.43 U	0.31 U	0.29 U	0.59 U	--	0.3 U	0.29 U	0.57 U	0.81 U
E-SB-1026-08	E-SB-1026	8	8	20131002	0.27 U	0.64 U	1.3 U	0.49 U	0.35 U	0.33 U	0.68 U	--	0.34 U	0.33 U	0.65 U	0.93 U
E-SB-1027-05	E-SB-1027	5	5	20131002	14 U	9.5 U	95 U	19 U	16 U	19 U	16 U	--	9.1 U	42 U	15 U	44 U
E-SB-1027-07	E-SB-1027	7	7	20131002	42 U	29 U	290 U	58 U	50 U	58 U	47 U	--	28 U	130 U	46 U	130 U
E-SB-1027-08	E-SB-1027	8	8	20131002	29 U	20 U	200 U	40 U	35 U	40 U	33 U	--	19 U	89 U	32 U	93 U
E-SB-1028-08	E-SB-1028	8	8	20131002	580 U	400 U	4000 U	800 U	690 U	800 U	650 U	--	380 U	1800 U	640 U	1800 U
E-SB-1028-09	E-SB-1028	9	9	20131002	68 U	47 U	470 U	93 U	80 U	93 U	76 U	--	45 U	210 U	75 U	210 U
E-SB-1029-05	E-SB-1029	5	5	20131002	6.3 U	4.3 U	43 U	8.6 U	7.4 U	8.6 U	7.1 U	--	4.1 U	19 U	6.9 U	20 U
E-SB-1029-08	E-SB-1029	8	8	20131002	6.3 U	4.3 U	43 U	8.7 U	7.5 U	8.7 U	7.1 U	--	4.2 U	19 U	6.9 U	20 U
E-SB-1030-06	E-SB-1030	6	6	20131002	5.5 U	3.8 U	38 U	7.5 U	6.5 U	7.5 U	6.2 U	--	3.6 U	17 U	6 U	17 U
E-SB-1030-08	E-SB-1030	8	8	20131002	6.4 U	4.4 U	44 U	8.8 U	7.6 U	8.8 U	7.2 U	--	4.2 U	19 U	7.1 U	20 U
E-SB-1031-05	E-SB-1031	5	5	20131002	0.23 U	0.56 U	1.1 U	0.43 U	0.31 U	0.29 U	0.6 U	--	0.3 U	0.29 U	0.57 U	0.81 U
E-SB-1031-08	E-SB-1031	8	8	20131002	0.23 U	0.54 U	1.1 U	0.42 U	0.3 U	0.28 U	0.58 U	--	0.29 U	0.28 U	0.55 U	0.79 U
E-SB-1032-05	E-SB-1032	5	5	20131002	6.2 U	4.3 U	43 U	8.5 U	7.3 U	8.5 U	7 U	--	4.1 U	19 U	6.8 U	20 U
E-SB-1032-08	E-SB-1032	8	8	20131002	5.9 U	4.1 U	41 U	8.1 U	7 U	8.1 U	6.7 U	--	3.9 U	18 U	6.5 U	19 U
E-SB-1033-05	E-SB-1033	5	5	20131002	5.9 U	4.1 U	41 U	8.1 U	7 U	8.1 U	6.7 U	--	3.9 U	18 U	6.5 U	19 U
E-SB-1033-08	E-SB-1033	8	8	20131002	6.9 U	4.7 U	47 U	9.5 U	8.2 U	9.5 U	7.8 U	--	4.6 U	21 U	7.6 U	22 U
E-SB-1034-04	E-SB-1034	4	4	20131001	0.25 U	0.6 U	1.2 U	0.46 U	0.33 U	0.31 U	0.63 U	--	0.32 U	0.31 U	0.61 U	0.86 U
E-SB-1034-05	E-SB-1034	5	5	20131001	0.28 U	0.68 U	1.4 U	0.52 U	0.37 U	0.35 U	0.72 U	--	0.36 U	0.35 U	0.69 U	0.98 U
E-SB-1034-08	E-SB-1034	8	8	20131001	0.27 U	0.64 U	1.3 U	0.49 U	0.35 U	0.33 U	0.68 U	--	0.34 U	0.33 U	0.65 U	0.92 U
E-SB-1035-03	E-SB-1035	3	3	20131001	6.1 U	4.2 U	42 U	8.3 U	7.2 U	8.3 U	6.8 U	--	4 U	18 U	6.7 U	19 U
E-SB-1035-05	E-SB-1035	5	5	20131001	6.6 U	4.5 U	45 U	9.1 U	7.8 U	9.1 U	7.5 U	--	4.4 U	20 U	7.3 U	21 U
E-SB-1035-08	E-SB-1035	8	8	20131001	7.3 U	5 U	50 U	10 U	8.6 U	10 U	8.2 U	--	4.8 U	22 U	8 U	23 U
E-SB-1036-03	E-SB-1036	3	3	20131001	6.4 U	4.4 U	44 U	8.8 U	7.6 U	8.8 U	7.2 U	--	4.2 U	19 U	7 U	20 U
E-SB-1036-05	E-SB-1036	5	5	20131001	6.6 U	4.5 U	45 U	9.1 U	7.8 U	9.1 U	7.5 U	--	4.4 U	20 U	7.3 U	21 U
E-SB-1036-08	E-SB-1036	8	8	20131001	6.2 U	4.2 U	42 U	8.4 U	7.3 U	8.4 U	6.9 U	--	4.1 U	19 U	6.8 U	19 U
E-SB-1037-05	E-SB-1037	5	5	20131001	0.23 U	0.55 U	1.1 U	0.42 U	0.3 U	0.29 U	0.58 U	--	0.29 U	0.29 U	0.55 U	0.79 U
E-SB-1037-07	E-SB-1037	7	7	20131001	0.23 U	0.54 U	1.1 U	0.42 U	0.3 U	0.28 U	0.58 U	--	0.29 U	0.28 U	0.55 U	0.79 U
E-SB-1037-08	E-SB-1037	8	8	20131001	0.22 U	0.53 U	1.1 U	0.4 U	0.29 U	0.27 U	0.56 U	--	0.28 U	0.27 U	0.53 U	0.76 U
E-SB-1038-05	E-SB-1038	5	5	20131001	0.24 U	0.59 U	1.2 U	0.45 U	0.33 U	0.31 U	0.63 U	--	0.32 U	0.31 U	0.6 U	0.85 U
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	7.4 U	5.1 U	51 U	10 U	8.7 U	10 U	8.3 U	--	4.9 U	22 U	8.1 U	23 U
E-SB-1038-07	E-SB-1038	7	7	20131001	6 U	4.1 U	41 U	8.2 U	7.1 U	8.2 U	6.7 U	--	4 U	18 U	6.6 U	19 U
E-SB-1038-08	E-SB-1038	8	8	20131001	6.2 U	4.3 U	43 U	8.5 U	7.3 U	8.5 U	7 U	--	4.1 U	19 U	6.8 U	20 U
E-SB-1039-05	E-SB-1039	5	5	20131001	5.6 U	3.9 U	39 U	7.7 U	6.6 U	7.7 U	6.3 U	--	3.7 U	17 U	6.2 U	18 U
E-SB-1039-07	E-SB-1039	7	7	20131001	9.1 U	6.2 U	62 U	12 U	11 U	12 U	10 U	--	6 U	27 U	10 U	29 U
E-SB-1039-08	E-SB-1039	8	8	20131001	6.2 U	4.2 U	42 U	8.5 U	7.3 U	8.5 U	7 U	--	4.1 U	19 U	6.8 U	20 U
E-SB-1040-05	E-SB-1040	5	5	20131003	0.21 U	0.51 U	1 U	0.4 U	0.28 U	0.27 U	0.55 U	--	0.28 U	0.27 U	0.62 J	0.74 U
E-SB-1040-08	E-SB-1040	8	8	20131003	0.26 U	0.62 U	1.2 U	0.48 U	0.34 U	0.33 U	0.66 U	--	0.34 U	0.33 U	0.63 U	0.9 U
E-SB-1041-04	E-SB-1041	4	4	20131003	6.3 U	2600	43 U	8.6 U	7.4 U	8.6 U	7 U	--	4.1 U	19 U	6.9 U	20 U
E-SB-1041-06	E-SB-1041	6	6	20131003	0.2 U	0.49 U	0.98 U	0.38 U	0.27 U	0.26 U	0.52 U	--	0.26 U	0.26 U	0.5 U	0.71 U
E-SB-1041-08	E-SB-1041	8	8	20131003	0.22 U	0.53 U	1.1 U	0.41 U	0.29 U	0.28 U	0.57 U	--	0.29 U	0.28 U	0.54 U	0.77 U
E-SB-1042-03	E-SB-1042	3	3	20131003	0.26 U	0.64 U	1.3 U	0.49 U	0.35 U	0.33 U	0.68 U	--	0.34 U	0.33 U	0.65 U	0.92 U
E-SB-1042-05	E-SB-1042	5	5	20131003	0.23 U	0.54 U	1.1 U	0.42 U	0.3 U	0.28 U	0.58 U	--	0.29 U	0.28 U	0.55 U	0.78 U
E-SB-1042-07	E-SB-1042	7	7	20131003	0.22 U	0.6 J	1.1 U	0.42 U	0.3 U	0.28 U	0.57 U	--	0.29 U	0.28 U	0.55 U	0.78 U
E-SB-1043-05	E-SB-1043	5	5	20131003	0.23 U	0.55 U	1.1 U	0.43 U	0.31 U	0.29 U	0.59 U	--	0.3 U	0.29 U	0.56 U	0.8 U
E-SB-1043-08	E-SB-1043	8	8	20131003	0.23 U	0.57 U	1.1 U	0.43 U	0.31 U	0.3 U	0.6 U	--	0.3 U	0.3 U	0.57 U	0.82 U
E-SB-113A-3-4	E-SB-113A	3	4	20130708	12	0.59 U	1.2 U	0.46 U	0.71 J	0.31 U	0.63 U	--	0.4 J	0.31 U	1.6 J	0.86 U
E-SB-113A-4-6	E-SB-113A	4	6	20130708	35	0.6 U	1.2 U	0.46 U	1.6 J	0.31 U	0.63 U	--	1.4 J	0.31 U	4 J	0.86 U
E-SB-114A-3-4	E-SB-114A	3	4	20130708	0.31 U	0.75 U	1.5 U	0.58 U	0.42 U	0.39 U	0.8 U	--	0.41 U	0.39 U	0.77 U	1.1 U
E-SB-114A-4-6	E-SB-114A	4	6	20130708	0.28 U	0.67 U	1.3 U	0.51 U	0.37 U	0.35 U	0.71 U	--	0.36 U	0.35 U	0.68 U	0.97 U
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENZE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	1.2 U	1.2 U	0.34 U	0.54 U	0.35 U	0.18 U	0.46 U	5.4 U	0.2 U	0.28 U
E-SB-1026-08	E-SB-1026	8	8	20131002	1.4 U	1.4 U	0.39 U	0.62 U	0.4 U	0.21 U	0.53 U	6.2 U	0.23 U	0.32 U
E-SB-1027-05	E-SB-1027	5	5	20131002	82 U	82 U	17 U	38 U	19 U	9.1 U	91 U	1100 J	23 U	25 U
E-SB-1027-07	E-SB-1027	7	7	20131002	250 U	250 U	52 U	120 U	57 U	28 U	280 U	1700 J	69 U	75 U
E-SB-1027-08	E-SB-1027	8	8	20131002	170 U	170 U	36 U	81 U	40 U	19 U	190 U	1400 J	48 U	52 U
E-SB-1028-08	E-SB-1028	8	8	20131002	3400 U	3400 U	720 U	1600 U	790 U	380 U	3800 U	25000 J	960 U	1000 U
E-SB-1028-09	E-SB-1028	9	9	20131002	400 U	400 U	84 U	190 U	92 U	45 U	450 U	6700 J	110 U	120 U
E-SB-1029-05	E-SB-1029	5	5	20131002	37 U	37 U	7.7 U	17 U	8.5 U	4.1 U	41 U	220 J	10 U	11 U
E-SB-1029-08	E-SB-1029	8	8	20131002	37 U	37 U	7.8 U	17 U	8.6 U	4.2 U	42 U	300 B	10 U	11 U
E-SB-1030-06	E-SB-1030	6	6	20131002	32 U	32 U	6.8 U	15 U	7.5 U	3.6 U	36 U	390 B	9 U	9.8 U
E-SB-1030-08	E-SB-1030	8	8	20131002	38 U	38 U	7.9 U	18 U	8.7 U	4.2 U	42 U	150 U	11 U	11 U
E-SB-1031-05	E-SB-1031	5	5	20131002	1.2 U	1.2 U	0.35 U	0.55 U	0.36 U	0.18 U	0.47 U	5.5 U	0.2 U	0.29 U
E-SB-1031-08	E-SB-1031	8	8	20131002	1.2 U	1.2 U	0.33 U	0.53 U	0.34 U	0.18 U	0.45 U	5.3 U	0.19 U	0.28 U
E-SB-1032-05	E-SB-1032	5	5	20131002	37 U	37 U	7.7 U	17 U	8.4 U	4.1 U	41 U	240 J	10 U	11 U
E-SB-1032-08	E-SB-1032	8	8	20131002	35 U	35 U	7.3 U	16 U	8.1 U	3.9 U	39 U	140 U	9.8 U	11 U
E-SB-1033-05	E-SB-1033	5	5	20131002	35 U	35 U	7.3 U	16 U	8 U	3.9 U	39 U	200 J	9.7 U	11 U
E-SB-1033-08	E-SB-1033	8	8	20131002	41 U	41 U	8.5 U	19 U	9.4 U	4.6 U	46 U	160 U	11 U	12 U
E-SB-1034-04	E-SB-1034	4	4	20131001	2.3 J	1.3 U	0.37 U	0.58 U	0.38 U	0.19 U	0.5 U	17 J	0.21 U	0.3 U
E-SB-1034-05	E-SB-1034	5	5	20131001	1.5 U	1.5 U	0.42 U	0.66 U	0.43 U	0.22 U	0.56 U	6.6 U	0.24 U	0.34 U
E-SB-1034-08	E-SB-1034	8	8	20131001	1.4 U	1.4 U	0.39 U	0.62 U	0.4 U	0.21 U	0.53 U	6.2 U	0.23 U	0.32 U
E-SB-1035-03	E-SB-1035	3	3	20131001	36 U	36 U	7.5 U	17 U	8.2 U	4 U	40 U	140 U	10 U	11 U
E-SB-1035-05	E-SB-1035	5	5	20131001	39 U	39 U	8.2 U	18 U	9 U	4.4 U	44 U	150 U	11 U	12 U
E-SB-1035-08	E-SB-1035	8	8	20131001	43 U	43 U	9 U	20 U	9.9 U	4.8 U	48 U	170 U	12 U	13 U
E-SB-1036-03	E-SB-1036	3	3	20131001	38 U	38 U	7.9 U	18 U	8.7 U	4.2 U	42 U	150 U	11 U	11 U
E-SB-1036-05	E-SB-1036	5	5	20131001	39 U	39 U	8.2 U	18 U	9 U	4.4 U	44 U	150 U	11 U	12 U
E-SB-1036-08	E-SB-1036	8	8	20131001	36 U	36 U	7.6 U	17 U	8.4 U	4.1 U	41 U	140 U	10 U	11 U
E-SB-1037-05	E-SB-1037	5	5	20131001	1.2 U	1.2 U	0.34 U	0.53 U	0.34 U	0.18 U	0.45 U	19	0.19 U	0.28 U
E-SB-1037-07	E-SB-1037	7	7	20131001	1.2 U	1.2 U	0.33 U	0.53 U	0.34 U	0.18 U	0.45 U	5.3 U	0.19 U	0.28 U
E-SB-1037-08	E-SB-1037	8	8	20131001	1.1 U	1.1 U	0.32 U	0.51 U	0.33 U	0.17 U	0.44 U	5.1 U	0.19 U	0.27 U
E-SB-1038-05	E-SB-1038	5	5	20131001	1.3 U	1.3 U	0.36 U	0.57 U	0.37 U	0.19 U	0.49 U	5.7 U	0.21 U	0.3 U
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	44 U	44 U	9.1 U	20 U	10 U	4.9 U	49 U	170 U	12 U	13 U
E-SB-1038-07	E-SB-1038	7	7	20131001	35 U	35 U	7.4 U	16 U	8.1 U	4 U	40 U	140 U	9.9 U	11 U
E-SB-1038-08	E-SB-1038	8	8	20131001	37 U	37 U	7.7 U	17 U	8.4 U	4.1 U	41 U	140 U	10 U	11 U
E-SB-1039-05	E-SB-1039	5	5	20131001	33 U	33 U	6.9 U	15 U	7.6 U	3.7 U	37 U	130 U	9.2 U	10 U
E-SB-1039-07	E-SB-1039	7	7	20131001	54 U	54 U	11 U	25 U	12 U	6 U	60 U	210 U	15 U	16 U
E-SB-1039-08	E-SB-1039	8	8	20131001	36 U	36 U	7.6 U	17 U	8.4 U	4.1 U	41 U	140 U	10 U	11 U
E-SB-1040-05	E-SB-1040	5	5	20131003	2.1 J	1.1 U	0.32 U	0.5 U	0.32 U	0.17 U	0.43 U	35 B	0.18 U	0.26 U
E-SB-1040-08	E-SB-1040	8	8	20131003	8.7 J	1.3 U	0.38 U	0.6 U	0.39 U	0.2 U	0.52 U	53	0.22 U	0.32 U
E-SB-1041-04	E-SB-1041	4	4	20131003	37 U	37 U	7.7 U	17 U	8.5 U	77 J	41 U	150 U	10 U	11 U
E-SB-1041-06	E-SB-1041	6	6	20131003	1.1 U	1.1 U	0.3 U	0.48 U	0.31 U	0.16 U	0.41 U	11 B	0.17 U	0.25 U
E-SB-1041-08	E-SB-1041	8	8	20131003	1.1 U	1.1 U	0.33 U	0.52 U	0.34 U	0.17 U	0.44 U	25 B	0.19 U	0.27 U
E-SB-1042-03	E-SB-1042	3	3	20131003	1.4 U	1.4 U	0.39 U	0.62 U	0.4 U	0.21 U	0.53 U	6.2 U	0.23 U	0.32 U
E-SB-1042-05	E-SB-1042	5	5	20131003	2.2 J	1.2 U	0.33 U	0.53 U	0.34 U	0.18 U	0.45 U	41	0.19 U	0.28 U
E-SB-1042-07	E-SB-1042	7	7	20131003	2.7 J	1.2 U	0.33 U	0.52 U	0.34 U	0.17 U	0.45 U	24 B	0.19 U	0.27 U
E-SB-1043-05	E-SB-1043	5	5	20131003	1.2 U	1.2 U	0.34 U	0.54 U	0.35 U	0.18 U	0.46 U	5.4 U	0.2 U	0.28 U
E-SB-1043-08	E-SB-1043	8	8	20131003	2.5 J	1.2 U	0.35 U	0.55 U	0.36 U	0.18 U	0.47 U	13 B	0.2 U	0.29 U
E-SB-113A-3-4	E-SB-113A	3	4	20130708	1.3 U	1.3 U	0.36 U	0.57 U	0.37 U	0.19 U	0.49 U	19 B	0.21 U	0.3 U
E-SB-113A-4-6	E-SB-113A	4	6	20130708	1.3 U	1.3 U	0.37 U	0.58 U	0.38 U	0.19 U	0.49 U	26 B	0.21 U	0.3 U
E-SB-114A-3-4	E-SB-114A	3	4	20130708	1.6 U	1.6 U	0.46 U	0.73 U	0.48 U	0.24 U	0.63 U	18 B	0.27 U	0.38 U
E-SB-114A-4-6	E-SB-114A	4	6	20130708	1.4 U	1.4 U	0.41 U	0.65 U	0.42 U	0.22 U	0.55 U	20 B	0.24 U	0.34 U
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	0.61 U	0.24 U	0.28 U	0.46 U	0.38 U	0.32 U	0.28 U	0.47 U	0.74 U	0.25 U	0.35 U
E-SB-1026-08	E-SB-1026	8	8	20131002	0.7 U	0.28 U	0.32 U	0.53 U	0.43 U	0.36 U	0.32 U	0.54 U	0.85 U	0.29 U	0.4 U
E-SB-1027-05	E-SB-1027	5	5	20131002	25 U	19 U	36 U	55 U	23 U	12 U	12 U	23 U	120 U	17 U	27 U
E-SB-1027-07	E-SB-1027	7	7	20131002	75 U	57 U	110 U	170 U	69 U	37 U	37 U	69 U	350 U	51 U	81 U
E-SB-1027-08	E-SB-1027	8	8	20131002	52 U	40 U	77 U	120 U	48 U	26 U	26 U	48 U	250 U	36 U	57 U
E-SB-1028-08	E-SB-1028	8	8	20131002	1000 U	790 U	1500 U	2300 U	960 U	510 U	510 U	960 U	4900 U	700 U	1100 U
E-SB-1028-09	E-SB-1028	9	9	20131002	120 U	92 U	180 U	270 U	110 U	60 U	60 U	110 U	570 U	82 U	130 U
E-SB-1029-05	E-SB-1029	5	5	20131002	11 U	8.5 U	16 U	25 U	10 U	5.5 U	5.5 U	10 U	52 U	7.6 U	12 U
E-SB-1029-08	E-SB-1029	8	8	20131002	11 U	8.6 U	16 U	25 U	10 U	5.6 U	5.6 U	10 U	53 U	7.6 U	12 U
E-SB-1030-06	E-SB-1030	6	6	20131002	9.8 U	7.5 U	14 U	22 U	9 U	4.8 U	4.8 U	9 U	46 U	6.6 U	11 U
E-SB-1030-08	E-SB-1030	8	8	20131002	11 U	8.7 U	17 U	26 U	11 U	5.6 U	5.6 U	11 U	54 U	7.8 U	12 U
E-SB-1031-05	E-SB-1031	5	5	20131002	0.62 U	0.24 U	0.29 U	0.47 U	0.38 U	0.32 U	0.29 U	0.48 U	0.75 U	0.25 U	0.36 U
E-SB-1031-08	E-SB-1031	8	8	20131002	0.59 U	0.23 U	0.28 U	0.45 U	0.37 U	0.31 U	0.28 U	0.46 U	0.72 U	0.24 U	0.34 U
E-SB-1032-05	E-SB-1032	5	5	20131002	11 U	8.4 U	16 U	25 U	10 U	5.5 U	5.5 U	10 U	52 U	7.5 U	12 U
E-SB-1032-08	E-SB-1032	8	8	20131002	11 U	8.1 U	15 U	24 U	9.8 U	5.2 U	5.2 U	9.8 U	50 U	7.2 U	11 U
E-SB-1033-05	E-SB-1033	5	5	20131002	11 U	8 U	15 U	24 U	9.7 U	5.2 U	5.2 U	9.7 U	49 U	7.1 U	11 U
E-SB-1033-08	E-SB-1033	8	8	20131002	12 U	9.4 U	18 U	28 U	11 U	6.1 U	6.1 U	11 U	58 U	8.4 U	13 U
E-SB-1034-04	E-SB-1034	4	4	20131001	0.65 U	0.26 U	0.3 U	0.5 U	0.88 J	0.34 U	0.3 U	0.5 U	0.79 U	0.27 U	0.38 U
E-SB-1034-05	E-SB-1034	5	5	20131001	0.74 U	0.29 U	0.34 U	0.56 U	0.46 U	0.39 U	0.34 U	0.57 U	0.9 U	0.3 U	0.43 U
E-SB-1034-08	E-SB-1034	8	8	20131001	0.7 U	0.28 U	0.32 U	0.53 U	0.43 U	0.36 U	0.32 U	0.54 U	0.85 U	0.29 U	0.4 U
E-SB-1035-03	E-SB-1035	3	3	20131001	11 U	8.2 U	16 U	24 U	10 U	5.3 U	5.3 U	10 U	51 U	7.3 U	12 U
E-SB-1035-05	E-SB-1035	5	5	20131001	12 U	9 U	17 U	26 U	11 U	5.8 U	5.8 U	11 U	55 U	8 U	13 U
E-SB-1035-08	E-SB-1035	8	8	20131001	13 U	9.9 U	19 U	29 U	12 U	6.4 U	6.4 U	12 U	61 U	9.8 J	14 U
E-SB-1036-03	E-SB-1036	3	3	20131001	11 U	8.7 U	17 U	25 U	11 U	5.6 U	5.6 U	11 U	54 U	8 J	12 U
E-SB-1036-05	E-SB-1036	5	5	20131001	12 U	9 U	17 U	26 U	11 U	5.8 U	5.8 U	11 U	55 U	8 U	13 U
E-SB-1036-08	E-SB-1036	8	8	20131001	11 U	8.4 U	16 U	24 U	10 U	5.4 U	5.4 U	10 U	52 U	8.9 J	12 U
E-SB-1037-05	E-SB-1037	5	5	20131001	0.6 U	0.24 U	0.28 U	0.45 U	0.37 U	0.31 U	0.28 U	0.46 U	0.72 U	0.24 U	0.34 U
E-SB-1037-07	E-SB-1037	7	7	20131001	0.59 U	0.23 U	0.28 U	0.45 U	0.37 U	0.31 U	0.28 U	0.46 U	0.72 U	0.24 U	0.34 U
E-SB-1037-08	E-SB-1037	8	8	20131001	0.57 U	0.23 U	0.27 U	0.44 U	0.36 U	0.3 U	0.27 U	0.44 U	0.7 U	0.23 U	0.33 U
E-SB-1038-05	E-SB-1038	5	5	20131001	0.64 U	0.25 U	0.3 U	0.49 U	0.4 U	0.34 U	0.3 U	0.5 U	0.78 U	0.26 U	0.37 U
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	13 U	10 U	19 U	29 U	12 U	6.5 U	6.5 U	12 U	62 U	8.9 U	14 U
E-SB-1038-07	E-SB-1038	7	7	20131001	11 U	8.1 U	16 U	24 U	9.9 U	5.3 U	5.3 U	9.9 U	50 U	8.3 J	12 U
E-SB-1038-08	E-SB-1038	8	8	20131001	11 U	8.4 U	16 U	25 U	10 U	5.4 U	5.4 U	10 U	52 U	7.5 U	12 U
E-SB-1039-05	E-SB-1039	5	5	20131001	10 U	7.6 U	15 U	22 U	9.2 U	4.9 U	4.9 U	9.2 U	47 U	6.8 U	11 U
E-SB-1039-07	E-SB-1039	7	7	20131001	16 U	12 U	24 U	36 U	15 U	8 U	8 U	15 U	76 U	12 J	17 U
E-SB-1039-08	E-SB-1039	8	8	20131001	11 U	8.4 U	16 U	25 U	10 U	5.4 U	5.4 U	10 U	52 U	9.7 J	12 U
E-SB-1040-05	E-SB-1040	5	5	20131003	0.56 U	0.22 U	0.26 U	0.43 U	0.35 U	0.29 U	0.64 J	0.44 U	0.68 U	0.23 U	0.32 U
E-SB-1040-08	E-SB-1040	8	8	20131003	0.68 U	0.27 U	0.32 U	0.52 U	0.74 J	0.35 U	0.32 U	0.53 U	0.82 U	0.28 U	0.39 U
E-SB-1041-04	E-SB-1041	4	4	20131003	11 U	8.5 U	16 U	25 U	10 U	5.5 U	5.5 U	10 U	52 U	7.6 U	12 U
E-SB-1041-06	E-SB-1041	6	6	20131003	0.54 U	0.21 U	0.25 U	0.41 U	0.33 U	0.28 U	0.25 U	0.41 U	0.65 U	0.22 U	0.31 U
E-SB-1041-08	E-SB-1041	8	8	20131003	0.58 U	0.23 U	0.27 U	0.44 U	0.36 U	0.3 U	0.27 U	0.45 U	0.7 U	0.24 U	0.34 U
E-SB-1042-03	E-SB-1042	3	3	20131003	0.7 U	0.27 U	0.32 U	0.53 U	0.43 U	0.36 U	0.32 U	0.54 U	0.84 U	0.28 U	0.4 U
E-SB-1042-05	E-SB-1042	5	5	20131003	0.59 U	0.23 U	0.28 U	0.45 U	0.37 U	0.31 U	0.28 U	0.46 U	0.72 U	0.24 U	0.34 U
E-SB-1042-07	E-SB-1042	7	7	20131003	0.59 U	0.23 U	0.27 U	0.45 U	0.37 U	0.31 U	0.27 U	0.46 U	0.71 U	0.24 U	0.34 U
E-SB-1043-05	E-SB-1043	5	5	20131003	0.6 U	0.24 U	0.28 U	0.46 U	0.37 U	0.32 U	0.28 U	0.47 U	0.73 U	0.25 U	0.35 U
E-SB-1043-08	E-SB-1043	8	8	20131003	0.62 U	0.24 U	0.29 U	0.47 U	0.38 U	0.32 U	0.5 J	0.48 U	0.75 U	0.25 U	0.36 U
E-SB-113A-3-4	E-SB-113A	3	4	20130708	0.65 U	0.26 U	0.3 U	0.49 U	0.4 U	0.34 U	0.62 J	0.5 U	0.78 U	0.26 U	0.37 U
E-SB-113A-4-6	E-SB-113A	4	6	20130708	0.65 U	0.26 U	0.3 U	0.49 U	0.4 U	0.34 U	2 J	0.5 U	0.79 U	0.27 U	0.38 U
E-SB-114A-3-4	E-SB-114A	3	4	20130708	0.82 U	0.32 U	0.38 U	0.63 U	0.51 U	0.43 U	0.38 U	0.64 U	1 U	0.34 U	0.48 U
E-SB-114A-4-6	E-SB-114A	4	6	20130708	0.73 U	0.29 U	0.34 U	0.55 U	0.45 U	0.38 U	0.34 U	0.56 U	0.88 U	0.3 U	0.42 U
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	HEXANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	0.31 U	0.29 U	0.54 U	0.43 U	1.3 U	0.19 U	0.22 U	1 U	--	0.14 U	1 U	--
E-SB-1026-08	E-SB-1026	8	8	20131002	0.35 U	0.33 U	0.62 U	0.49 U	1.5 U	0.22 U	0.26 U	1.2 U	--	0.16 U	1.2 U	--
E-SB-1027-05	E-SB-1027	5	5	20131002	520	15 U	27 U	30 U	95 U	0.42 U	10 U	27 U	--	12 U	12 U	--
E-SB-1027-07	E-SB-1027	7	7	20131002	40 U	46 U	81 U	93 U	290 U	1.3 U	31 U	81 U	--	38 U	36 U	--
E-SB-1027-08	E-SB-1027	8	8	20131002	28 U	32 U	57 U	65 U	200 U	0.89 U	22 U	57 U	--	26 U	25 U	--
E-SB-1028-08	E-SB-1028	8	8	20131002	550 U	630 U	1100 U	1300 U	4000 U	18 U	430 U	1100 U	--	520 U	490 U	--
E-SB-1028-09	E-SB-1028	9	9	20131002	64 U	74 U	130 U	150 U	470 U	2.1 U	50 U	130 U	--	61 U	58 U	--
E-SB-1029-05	E-SB-1029	5	5	20131002	20 J	6.8 U	12 U	14 U	43 U	0.19 U	4.6 U	12 U	--	5.6 U	5.3 U	--
E-SB-1029-08	E-SB-1029	8	8	20131002	160 J	6.9 U	12 U	14 U	43 U	0.19 U	4.7 U	12 U	--	5.6 U	5.4 U	--
E-SB-1030-06	E-SB-1030	6	6	20131002	180 J	6 U	11 U	12 U	38 U	0.17 U	4.1 U	11 U	--	4.9 U	4.7 U	--
E-SB-1030-08	E-SB-1030	8	8	20131002	6.1 U	7 U	12 U	14 U	44 U	0.19 U	4.8 U	12 U	--	5.7 U	5.5 U	--
E-SB-1031-05	E-SB-1031	5	5	20131002	0.31 U	0.29 U	0.55 U	0.43 U	1.3 U	0.19 U	0.23 U	1 U	--	0.14 U	1 U	--
E-SB-1031-08	E-SB-1031	8	8	20131002	0.3 U	0.28 U	0.53 U	0.42 U	1.3 U	0.18 U	0.22 U	1 U	--	0.13 U	1 U	--
E-SB-1032-05	E-SB-1032	5	5	20131002	2900	6.7 U	12 U	14 U	43 U	0.19 U	4.6 U	12 U	--	5.5 U	5.3 U	--
E-SB-1032-08	E-SB-1032	8	8	20131002	2800	6.4 U	11 U	13 U	41 U	0.18 U	4.4 U	11 U	--	5.3 U	5 U	--
E-SB-1033-05	E-SB-1033	5	5	20131002	310	6.4 U	11 U	13 U	41 U	0.18 U	4.4 U	11 U	--	5.3 U	5 U	--
E-SB-1033-08	E-SB-1033	8	8	20131002	510	7.5 U	13 U	15 U	47 U	0.21 U	5.1 U	13 U	--	6.2 U	5.9 U	--
E-SB-1034-04	E-SB-1034	4	4	20131001	0.59 J	0.31 U	0.58 U	0.46 U	1.4 U	0.2 U	0.24 U	1.1 U	--	0.15 U	1.1 U	--
E-SB-1034-05	E-SB-1034	5	5	20131001	0.37 U	0.35 U	0.66 U	0.52 U	1.6 U	0.23 U	0.27 U	1.2 U	--	0.17 U	1.2 U	--
E-SB-1034-08	E-SB-1034	8	8	20131001	0.35 U	0.33 U	0.62 U	0.49 U	1.5 U	0.22 U	0.26 U	1.2 U	--	0.16 U	1.2 U	--
E-SB-1035-03	E-SB-1035	3	3	20131001	2500	6.6 U	12 U	13 U	42 U	0.18 U	4.5 U	12 U	--	5.4 U	5.2 U	--
E-SB-1035-05	E-SB-1035	5	5	20131001	110 J	7.2 U	13 U	15 U	45 U	0.2 U	4.9 U	13 U	--	5.9 U	5.6 U	--
E-SB-1035-08	E-SB-1035	8	8	20131001	1100	7.9 U	14 U	16 U	50 U	0.22 U	5.4 U	14 U	--	6.5 U	6.2 U	--
E-SB-1036-03	E-SB-1036	3	3	20131001	640	6.9 U	12 U	14 U	44 U	0.19 U	4.7 U	12 U	--	5.7 U	5.4 U	--
E-SB-1036-05	E-SB-1036	5	5	20131001	370	7.2 U	13 U	15 U	45 U	0.2 U	4.9 U	13 U	--	5.9 U	5.6 U	--
E-SB-1036-08	E-SB-1036	8	8	20131001	640	6.7 U	12 U	14 U	42 U	0.19 U	4.6 U	12 U	--	5.5 U	5.2 U	--
E-SB-1037-05	E-SB-1037	5	5	20131001	0.3 U	0.29 U	0.53 U	0.42 U	1.3 U	0.18 U	0.22 U	1 U	--	0.13 U	1 U	--
E-SB-1037-07	E-SB-1037	7	7	20131001	0.3 U	0.28 U	0.53 U	0.42 U	1.3 U	0.18 U	0.22 U	1 U	--	0.13 U	1 U	--
E-SB-1037-08	E-SB-1037	8	8	20131001	0.29 U	0.27 U	0.51 U	0.4 U	1.2 U	0.18 U	0.21 U	0.97 U	--	0.13 U	0.97 U	--
E-SB-1038-05	E-SB-1038	5	5	20131001	96	0.31 U	0.57 U	0.45 U	1.4 U	0.2 U	0.24 U	1.1 U	--	0.15 U	1.1 U	--
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	63 J	8 U	14 U	16 U	51 U	0.22 U	5.5 U	14 U	--	6.6 U	6.3 U	--
E-SB-1038-07	E-SB-1038	7	7	20131001	330	6.5 U	12 U	13 U	41 U	0.18 U	4.4 U	12 U	--	5.3 U	5.1 U	--
E-SB-1038-08	E-SB-1038	8	8	20131001	370	6.7 U	12 U	14 U	43 U	0.19 U	4.6 U	12 U	--	5.5 U	5.3 U	--
E-SB-1039-05	E-SB-1039	5	5	20131001	240	6.1 U	11 U	12 U	39 U	0.17 U	4.2 U	11 U	--	5 U	4.8 U	--
E-SB-1039-07	E-SB-1039	7	7	20131001	1200	9.9 U	17 U	20 U	62 U	0.27 U	6.7 U	17 U	--	8.1 U	7.7 U	--
E-SB-1039-08	E-SB-1039	8	8	20131001	910	6.7 U	12 U	14 U	42 U	0.19 U	4.6 U	12 U	--	5.5 U	5.3 U	--
E-SB-1040-05	E-SB-1040	5	5	20131003	0.28 U	0.27 U	0.5 U	0.4 U	1.2 U	0.17 U	0.21 U	0.95 U	--	0.13 U	0.95 U	--
E-SB-1040-08	E-SB-1040	8	8	20131003	0.34 U	0.33 U	0.6 U	0.48 U	1.4 U	0.21 U	0.25 U	1.1 U	--	0.15 U	1.1 U	--
E-SB-1041-04	E-SB-1041	4	4	20131003	5.9 U	6.8 U	12 U	14 U	43 U	0.19 U	630	12 U	--	140 J	2800	--
E-SB-1041-06	E-SB-1041	6	6	20131003	0.27 U	0.26 U	0.48 U	0.38 U	1.1 U	0.17 U	0.2 U	0.9 U	--	0.12 U	0.9 U	--
E-SB-1041-08	E-SB-1041	8	8	20131003	0.29 U	0.28 U	0.52 U	0.41 U	1.2 U	0.18 U	0.21 U	0.98 U	--	0.13 U	0.98 U	--
E-SB-1042-03	E-SB-1042	3	3	20131003	0.35 U	0.33 U	0.62 U	0.49 U	1.5 U	0.22 U	0.25 U	1.2 U	--	0.16 U	1.2 U	--
E-SB-1042-05	E-SB-1042	5	5	20131003	0.3 U	0.28 U	0.53 U	0.42 U	1.3 U	0.18 U	0.22 U	1 U	--	0.13 U	1 U	--
E-SB-1042-07	E-SB-1042	7	7	20131003	1.7 J	0.28 U	0.52 U	0.42 U	1.2 U	0.18 U	0.22 U	1 U	--	0.13 U	1 U	--
E-SB-1043-05	E-SB-1043	5	5	20131003	0.31 U	0.29 U	0.54 U	0.43 U	1.3 U	0.19 U	0.22 U	1 U	--	0.14 U	1 U	--
E-SB-1043-08	E-SB-1043	8	8	20131003	0.31 U	0.3 U	0.55 U	0.43 U	1.3 U	0.19 U	0.23 U	1 U	--	0.14 U	1 U	--
E-SB-113A-3-4	E-SB-113A	3	4	20130708	0.82 J	0.31 U	0.57 U	0.46 U	1.4 U	0.2 U	0.24 U	1.1 U	--	0.15 U	1.1 U	--
E-SB-113A-4-6	E-SB-113A	4	6	20130708	1 J	0.31 U	0.58 U	0.46 U	1.4 U	0.2 U	0.24 U	1.1 U	--	0.15 U	1.1 U	--
E-SB-114A-3-4	E-SB-114A	3	4	20130708	0.42 U	0.39 U	0.73 U	0.58 U	1.7 U	0.26 U	0.3 U	1.4 U	--	0.19 U	1.4 U	--
E-SB-114A-4-6	E-SB-114A	4	6	20130708	0.37 U	0.35 U	0.65 U	0.51 U	1.5 U	0.23 U	0.27 U	1.2 U	--	0.16 U	1.2 U	--
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1026-05	E-SB-1026	5	5	20131002	0.37 U	0.58 U	0.16 U	0.2 U	0.34 U	0.3 U	0.15 U	0.13 U	0.32 U	0.25 U	6.5 U	0.45 U
E-SB-1026-08	E-SB-1026	8	8	20131002	0.42 U	0.66 U	1.6 J	0.23 U	0.39 U	0.34 U	0.68 J	0.15 U	0.36 U	0.29 U	7.5 U	0.51 U
E-SB-1027-05	E-SB-1027	5	5	20131002	13 U	150 U	13 U	15 U	27 U	16 U	8.9 U	11 U	0.7 U	12 U	460 U	23 U
E-SB-1027-07	E-SB-1027	7	7	20131002	41 U	450 U	39 U	46 U	81 U	49 U	27 U	32 U	2.1 U	38 U	1400 U	69 U
E-SB-1027-08	E-SB-1027	8	8	20131002	29 U	310 U	27 U	32 U	57 U	34 U	19 U	23 U	1.5 U	26 U	970 U	48 U
E-SB-1028-08	E-SB-1028	8	8	20131002	570 U	6100 U	530 U	640 U	1100 U	680 U	380 U	450 U	30 U	520 U	19000 U	960 U
E-SB-1028-09	E-SB-1028	9	9	20131002	66 U	1300 B	62 U	75 U	130 U	79 U	44 U	52 U	3.4 U	61 U	2200 U	110 U
E-SB-1029-05	E-SB-1029	5	5	20131002	6.1 U	66 U	5.8 U	6.9 U	12 U	7.3 U	4 U	4.8 U	0.32 U	5.6 U	210 U	10 U
E-SB-1029-08	E-SB-1029	8	8	20131002	6.2 U	67 U	14 J	6.9 U	12 U	7.4 U	4.1 U	4.9 U	0.32 U	5.6 U	210 U	10 U
E-SB-1030-06	E-SB-1030	6	6	20131002	5.4 U	58 U	6.6 J	6 U	11 U	6.4 U	3.5 U	4.2 U	0.28 U	4.9 U	180 U	9 U
E-SB-1030-08	E-SB-1030	8	8	20131002	6.3 U	68 U	5.9 U	7.1 U	12 U	7.5 U	4.1 U	4.9 U	0.33 U	5.7 U	210 U	11 U
E-SB-1031-05	E-SB-1031	5	5	20131002	0.37 U	0.58 U	0.16 U	0.2 U	0.35 U	0.3 U	0.16 U	0.13 U	0.32 U	0.25 U	6.6 U	0.45 U
E-SB-1031-08	E-SB-1031	8	8	20131002	0.36 U	0.56 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.13 U	0.31 U	0.24 U	6.4 U	0.44 U
E-SB-1032-05	E-SB-1032	5	5	20131002	6.1 U	66 U	6.7 B	6.8 U	12 U	7.2 U	4 U	4.8 U	0.32 U	5.5 U	200 U	10 U
E-SB-1032-08	E-SB-1032	8	8	20131002	5.8 U	63 U	5.5 U	6.5 U	11 U	6.9 U	3.8 U	4.6 U	0.3 U	5.3 U	200 U	9.8 U
E-SB-1033-05	E-SB-1033	5	5	20131002	5.8 U	62 U	5.4 U	6.5 U	11 U	6.9 U	3.8 U	4.5 U	0.3 U	5.3 U	190 U	9.7 U
E-SB-1033-08	E-SB-1033	8	8	20131002	6.7 U	73 U	6.4 U	7.6 U	13 U	8.1 U	4.5 U	5.3 U	0.35 U	6.2 U	230 U	11 U
E-SB-1034-04	E-SB-1034	4	4	20131001	0.39 U	0.61 U	0.32 JB	0.21 U	0.37 U	0.32 U	0.17 U	0.14 U	0.34 U	0.27 U	7 U	0.48 U
E-SB-1034-05	E-SB-1034	5	5	20131001	0.45 U	0.7 U	0.2 U	0.24 U	0.42 U	0.36 U	0.19 U	0.16 U	0.39 U	0.3 U	7.9 U	0.54 U
E-SB-1034-08	E-SB-1034	8	8	20131001	0.42 U	0.66 U	0.19 U	0.23 U	0.39 U	0.34 U	0.18 U	0.15 U	0.36 U	0.29 U	7.5 U	0.51 U
E-SB-1035-03	E-SB-1035	3	3	20131001	5.9 U	64 U	5.6 U	6.7 U	12 U	7.1 U	3.9 U	4.7 U	0.31 U	5.4 U	200 U	10 U
E-SB-1035-05	E-SB-1035	5	5	20131001	6.5 U	70 U	6.1 U	7.3 U	13 U	7.7 U	4.3 U	5.1 U	0.34 U	5.9 U	220 U	11 U
E-SB-1035-08	E-SB-1035	8	8	20131001	7.1 U	84 J	6.7 U	8 U	14 U	8.5 U	4.7 U	5.6 U	0.37 U	6.5 U	240 U	13 J
E-SB-1036-03	E-SB-1036	3	3	20131001	6.2 U	120 JB	5.9 U	7 U	12 U	7.5 U	4.1 U	4.9 U	0.33 U	5.7 U	210 U	11 U
E-SB-1036-05	E-SB-1036	5	5	20131001	6.5 U	70 U	6.1 U	7.3 U	13 U	7.7 U	4.3 U	5.1 U	0.34 U	5.9 U	220 U	11 U
E-SB-1036-08	E-SB-1036	8	8	20131001	6 U	65 U	5.7 U	6.8 U	12 U	7.2 U	4 U	4.7 U	0.31 U	5.5 U	200 U	10 U
E-SB-1037-05	E-SB-1037	5	5	20131001	0.36 U	0.56 U	0.16 U	0.19 U	0.34 U	0.29 U	0.15 U	0.13 U	0.31 U	0.24 U	6.4 U	0.44 U
E-SB-1037-07	E-SB-1037	7	7	20131001	0.36 U	0.56 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.13 U	0.31 U	0.24 U	6.4 U	0.43 U
E-SB-1037-08	E-SB-1037	8	8	20131001	0.35 U	0.54 U	0.15 U	0.19 U	0.32 U	0.28 U	0.15 U	0.12 U	0.3 U	0.23 U	6.1 U	0.42 U
E-SB-1038-05	E-SB-1038	5	5	20131001	0.39 U	0.61 U	0.17 U	0.21 U	0.36 U	0.32 U	0.16 U	0.14 U	0.34 U	0.26 U	6.9 U	0.47 U
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	7.2 U	78 U	8.1 JB	8.1 U	14 U	8.6 U	4.8 U	5.7 U	0.37 U	6.6 U	240 U	12 U
E-SB-1038-07	E-SB-1038	7	7	20131001	5.8 U	76 J	5.5 U	6.6 U	12 U	7 U	3.9 U	4.6 U	0.3 U	5.3 U	200 U	9.9 U
E-SB-1038-08	E-SB-1038	8	8	20131001	6 U	66 U	5.7 U	6.8 U	12 U	7.2 U	4 U	4.8 U	0.31 U	5.5 U	200 U	10 U
E-SB-1039-05	E-SB-1039	5	5	20131001	5.5 U	84 J	5.2 U	6.2 U	11 U	6.5 U	3.6 U	4.3 U	0.28 U	5 U	180 U	9.2 U
E-SB-1039-07	E-SB-1039	7	7	20131001	8.9 U	96 U	8.4 U	10 U	17 U	11 U	5.9 U	7 U	0.46 U	8.1 U	300 U	15 U
E-SB-1039-08	E-SB-1039	8	8	20131001	6 U	65 U	5.7 U	6.8 U	12 U	7.2 U	4 U	4.8 U	0.31 U	5.5 U	200 U	10 U
E-SB-1040-05	E-SB-1040	5	5	20131003	0.34 U	0.53 U	0.15 U	0.18 U	0.32 U	0.28 U	0.14 U	0.12 U	0.29 U	0.23 U	6 U	0.41 U
E-SB-1040-08	E-SB-1040	8	8	20131003	0.41 U	0.88 B	0.18 U	5.4	0.38 U	0.34 U	2.8 J	0.14 U	0.35 U	0.28 U	7.3 U	0.5 U
E-SB-1041-04	E-SB-1041	4	4	20131003	6.1 U	110 B	170 B	210	360	1100	63 J	4.8 U	0.32 U	5.6 U	210 U	10 U
E-SB-1041-06	E-SB-1041	6	6	20131003	0.32 U	0.51 U	0.14 U	0.17 U	0.3 U	0.26 U	0.14 U	0.11 U	0.28 U	0.22 U	5.7 U	0.39 U
E-SB-1041-08	E-SB-1041	8	8	20131003	0.35 U	0.55 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.12 U	0.3 U	0.24 U	6.2 U	0.43 U
E-SB-1042-03	E-SB-1042	3	3	20131003	0.42 U	0.66 U	0.19 U	1.1 J	0.39 U	0.34 U	0.18 U	0.15 U	0.36 U	0.28 U	7.4 U	0.51 U
E-SB-1042-05	E-SB-1042	5	5	20131003	0.36 U	0.56 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.13 U	0.31 U	0.24 U	6.3 U	0.43 U
E-SB-1042-07	E-SB-1042	7	7	20131003	0.36 U	0.56 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.72 J	0.31 U	0.24 U	6.3 U	0.43 U
E-SB-1043-05	E-SB-1043	5	5	20131003	0.37 U	0.57 U	0.16 U	0.2 U	0.34 U	0.3 U	0.15 U	0.13 U	0.32 U	0.25 U	6.5 U	0.44 U
E-SB-1043-08	E-SB-1043	8	8	20131003	0.37 U	0.58 U	0.17 U	0.2 U	0.35 U	0.3 U	0.16 U	0.73 J	0.32 U	0.25 U	6.6 U	0.45 U
E-SB-113A-3-4	E-SB-113A	3	4	20130708	0.39 U	1.1 B	0.18 J	0.21 U	0.36 U	0.32 U	0.16 U	0.14 U	0.34 U	0.26 U	6.9 UR	2.2 J
E-SB-113A-4-6	E-SB-113A	4	6	20130708	0.39 U	3 B	0.4 J	0.21 U	0.37 U	0.32 U	0.16 U	0.14 U	0.34 U	0.27 U	7 UR	3.8 J
E-SB-114A-3-4	E-SB-114A	3	4	20130708	0.5 U	5.5 B	0.22 U	0.27 U	0.46 U	0.41 U	0.21 U	0.17 U	0.43 U	0.34 U	8.8 UR	0.6 U
E-SB-114A-4-6	E-SB-114A	4	6	20130708	0.44 U	1.6 B	0.2 U	0.24 U	0.41 U	0.36 U	0.18 U	0.15 U	0.38 U	0.3 U	7.8 UR	0.53 U
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
E-SB-1026-05	E-SB-1026	5	5	20131002	--	0.23 U	0.3 U	--	0.35 U	0.46 U	0.36 J	0.29 U	0.21 U	0.34 U	NORMAL
E-SB-1026-08	E-SB-1026	8	8	20131002	--	0.27 U	0.34 U	--	0.4 U	0.53 U	0.41 U	0.33 U	0.25 U	0.38 U	NORMAL
E-SB-1027-05	E-SB-1027	5	5	20131002	--	32 U	12 U	--	17 U	38 U	1300	30 U	44 U	34 U	NORMAL
E-SB-1027-07	E-SB-1027	7	7	20131002	--	98 U	36 U	--	53 U	120 U	5000	93 U	130 U	100 U	NORMAL
E-SB-1027-08	E-SB-1027	8	8	20131002	--	69 U	25 U	--	37 U	81 U	3200	65 U	93 U	73 U	NORMAL
E-SB-1028-08	E-SB-1028	8	8	20131002	--	1400 U	490 U	--	730 U	1600 U	7300	1300 U	1800 U	1400 U	NORMAL
E-SB-1028-09	E-SB-1028	9	9	20131002	--	160 U	58 U	--	86 U	190 U	6000	150 U	210 U	170 U	NORMAL
E-SB-1029-05	E-SB-1029	5	5	20131002	--	15 U	5.3 U	--	7.9 U	17 U	300	14 U	20 U	15 U	NORMAL
E-SB-1029-08	E-SB-1029	8	8	20131002	--	15 U	5.4 U	--	8 U	17 U	800	14 U	20 U	16 U	NORMAL
E-SB-1030-06	E-SB-1030	6	6	20131002	--	13 U	4.7 U	--	6.9 U	15 U	5000	12 U	17 U	14 U	NORMAL
E-SB-1030-08	E-SB-1030	8	8	20131002	--	15 U	5.5 U	--	8.1 U	18 U	630	14 U	20 U	16 U	NORMAL
E-SB-1031-05	E-SB-1031	5	5	20131002	--	0.23 U	0.3 U	--	0.36 U	0.47 U	0.36 U	0.29 U	0.22 U	0.34 U	NORMAL
E-SB-1031-08	E-SB-1031	8	8	20131002	--	0.23 U	0.29 U	--	0.34 U	0.45 U	0.35 U	0.28 U	0.21 U	0.33 U	NORMAL
E-SB-1032-05	E-SB-1032	5	5	20131002	--	14 U	5.3 U	--	7.8 U	17 U	2900	14 U	20 U	15 U	NORMAL
E-SB-1032-08	E-SB-1032	8	8	20131002	--	14 U	5 U	--	7.5 U	16 U	1700	13 U	19 U	95 J	NORMAL
E-SB-1033-05	E-SB-1033	5	5	20131002	--	14 U	5 U	--	7.5 U	16 U	660	13 U	19 U	15 U	NORMAL
E-SB-1033-08	E-SB-1033	8	8	20131002	--	16 U	5.9 U	--	8.7 U	19 U	770	15 U	22 U	17 U	NORMAL
E-SB-1034-04	E-SB-1034	4	4	20131001	--	0.25 U	0.32 U	--	0.38 U	0.5 U	9.1	0.31 U	0.23 U	0.36 U	NORMAL
E-SB-1034-05	E-SB-1034	5	5	20131001	--	0.28 U	0.36 U	--	0.43 U	0.56 U	0.44 U	0.35 U	0.26 U	0.41 U	NORMAL
E-SB-1034-08	E-SB-1034	8	8	20131001	--	0.27 U	0.34 U	--	0.4 U	0.53 U	0.41 U	0.33 U	0.25 U	0.38 U	NORMAL
E-SB-1035-03	E-SB-1035	3	3	20131001	--	14 U	5.2 U	--	19 J	17 U	230	13 U	19 U	15 U	NORMAL
E-SB-1035-05	E-SB-1035	5	5	20131001	--	15 U	5.6 U	--	8.4 U	18 U	670	15 U	21 U	16 U	NORMAL
E-SB-1035-08	E-SB-1035	8	8	20131001	--	17 U	6.2 U	--	10 J	20 U	5700	16 U	23 U	18 U	NORMAL
E-SB-1036-03	E-SB-1036	3	3	20131001	--	15 U	5.4 U	--	8.1 U	18 U	1400	14 U	20 U	16 U	NORMAL
E-SB-1036-05	E-SB-1036	5	5	20131001	--	15 U	5.6 U	--	8.4 U	18 U	850	15 U	21 U	16 U	NORMAL
E-SB-1036-08	E-SB-1036	8	8	20131001	--	14 U	5.2 U	--	7.8 U	17 U	4400	14 U	19 U	15 U	NORMAL
E-SB-1037-05	E-SB-1037	5	5	20131001	--	0.23 U	0.29 U	--	0.34 U	0.45 U	1.3 J	0.29 U	0.21 U	0.33 U	NORMAL
E-SB-1037-07	E-SB-1037	7	7	20131001	--	0.23 U	0.29 U	--	0.34 U	0.45 U	0.95 J	0.28 U	0.21 U	0.33 U	NORMAL
E-SB-1037-08	E-SB-1037	8	8	20131001	--	0.22 U	0.28 U	--	0.33 U	0.44 U	0.34 U	0.27 U	0.2 U	0.32 U	NORMAL
E-SB-1038-05	E-SB-1038	5	5	20131001	--	0.24 U	0.32 U	--	0.5 J	0.49 U	270 E	0.31 U	0.23 U	0.35 U	NORMAL
E-SB-1038-05RE2	E-SB-1038	5	5	20131001	--	17 U	6.3 U	--	9.3 U	20 U	170 J	16 U	23 U	18 U	NORMAL
E-SB-1038-07	E-SB-1038	7	7	20131001	--	14 U	5.1 U	--	8 J	16 U	1500	13 U	19 U	15 U	NORMAL
E-SB-1038-08	E-SB-1038	8	8	20131001	--	14 U	5.3 U	--	7.8 U	17 U	4700	14 U	20 U	15 U	NORMAL
E-SB-1039-05	E-SB-1039	5	5	20131001	--	13 U	4.8 U	--	12 J	15 U	1100	12 U	18 U	14 U	NORMAL
E-SB-1039-07	E-SB-1039	7	7	20131001	--	21 U	7.7 U	--	32 J	25 U	6000	20 U	29 U	22 U	NORMAL
E-SB-1039-08	E-SB-1039	8	8	20131001	--	14 U	5.3 U	--	24 J	17 U	6100	14 U	20 U	15 U	NORMAL
E-SB-1040-05	E-SB-1040	5	5	20131003	--	0.21 U	0.28 U	--	0.32 U	0.43 U	0.33 U	0.27 U	0.2 U	0.31 U	NORMAL
E-SB-1040-08	E-SB-1040	8	8	20131003	--	0.26 U	0.34 U	--	0.39 U	0.52 U	0.4 U	0.33 U	0.24 U	0.37 U	NORMAL
E-SB-1041-04	E-SB-1041	4	4	20131003	--	650	3900	--	7.9 U	17 U	260	14 U	20 U	15 U	NORMAL
E-SB-1041-06	E-SB-1041	6	6	20131003	--	0.2 U	0.26 U	--	0.31 U	0.41 U	0.32 U	0.26 U	0.19 U	0.29 U	NORMAL
E-SB-1041-08	E-SB-1041	8	8	20131003	--	0.22 U	0.29 U	--	0.34 U	0.44 U	0.34 U	0.28 U	0.2 U	0.32 U	NORMAL
E-SB-1042-03	E-SB-1042	3	3	20131003	--	0.26 U	0.34 U	--	0.4 U	0.53 U	6	0.33 U	0.25 U	0.38 U	NORMAL
E-SB-1042-05	E-SB-1042	5	5	20131003	--	0.23 U	0.29 U	--	0.34 U	0.45 U	0.35 U	0.28 U	0.21 U	0.33 U	NORMAL
E-SB-1042-07	E-SB-1042	7	7	20131003	--	0.22 U	0.29 U	--	0.34 U	0.45 U	0.43 J	0.28 U	0.21 U	2.7 J	NORMAL
E-SB-1043-05	E-SB-1043	5	5	20131003	--	0.23 U	0.3 U	--	0.35 U	0.46 U	0.36 U	0.29 U	0.21 U	0.33 U	NORMAL
E-SB-1043-08	E-SB-1043	8	8	20131003	--	0.23 U	0.3 U	--	0.36 U	0.47 U	0.37 U	0.3 U	0.22 U	0.34 U	NORMAL
E-SB-113A-3-4	E-SB-113A	3	4	20130708	--	0.25 U	0.61 U	--	0.37 U	0.49 U	1.6 J	63	0.23 UR	0.36 U	NORMAL
E-SB-113A-4-6	E-SB-113A	4	6	20130708	--	0.25 U	0.61 U	--	0.38 U	0.49 U	2.6 J	90	0.23 UR	0.36 U	NORMAL
E-SB-114A-3-4	E-SB-114A	3	4	20130708	--	0.31 U	0.78 U	--	0.48 U	0.63 U	0.49 U	0.39 U	0.29 UR	0.45 U	NORMAL
E-SB-114A-4-6	E-SB-114A	4	6	20130708	--	0.28 U	0.69 U	--	0.42 U	0.55 U	0.43 U	0.35 U	0.26 UR	0.4 U	NORMAL
E-SB-1370-2-3	E-SB-1370	2	3	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1370-3-4	E-SB-1370	3	4	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1370-4-5	E-SB-1370	4	5	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1370-5-6	E-SB-1370	5	6	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1370-6-7	E-SB-1370	6	7	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1370-7-8	E-SB-1370	7	8	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1371-2-3	E-SB-1371	2	3	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1371-3-4	E-SB-1371	3	4	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-233	URANIUM-234	URANIUM-235
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	2.8 U	1.2 U	1.7 U	1.1 U	0.63 U
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	14 U	5.8 U	1100	4000	3.2 U
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	2.7 U	1.1 U	11 J	100	0.62 U
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	2.9 UJ	1.2 UJ	110 J	600 J	0.66 UJ
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	2.6 U	1.1 U	5.2 J	23	0.6 U
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	2.9 U	1.2 U	1.7 U	6 J	0.66 U
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268
					PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	11 U	1.8 U	1.7 J	1.2 U	0.56 U	18 U	25 U	8.6 U	8.3 U	14 U	17 U	16 U	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	4.7 U	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	5 U	4.9 U	9.6 U	5.7 U	5.5 U	5.9 U	5 U	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.6 U	5.4 U	5.7 U	4.8 U	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.2 U	5.4 U	130	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	5.2 U	5 U	9.9 U	5.9 U	5.7 U	6.1 U	160	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	47 U	46 U	90 U	54 U	52 U	55 U	1800	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	64	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	4.7 U	4.6 U	9.1 U	5.4 U	5.2 U	5.5 U	8.9 J	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	4.9 U	4.8 U	9.4 U	5.6 U	5.4 U	5.7 U	4.8 U	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	5.1 U	4.9 U	9.7 U	5.8 U	5.6 U	5.9 U	150	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	4.8 U	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	4.9 U	4.8 U	9.4 U	5.6 U	5.4 U	5.7 U	4.8 U	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.5 U	5.4 U	5.7 U	4.8 U	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	5 U	4.9 U	9.6 U	5.7 U	5.5 U	5.8 U	5.9 J	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	5 U	4.8 U	9.5 U	5.7 U	5.5 U	5.8 U	4.9 U	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	55 U	91 J	6900	3200	220	18 U	25 U	8.7 U	8.3 U	14 U	25000	6300	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.1 U	5.4 U	15 J	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	5.1 U	5 U	9.8 U	5.8 U	5.7 U	6 U	29 J	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	5.1 U	4.9 U	9.7 U	5.8 U	5.6 U	5.9 U	18 J	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	5.6 U	4.8 U	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	5.6 U	5.5 U	11 U	6.4 U	6.2 U	6.6 U	5.5 U	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	11 U	1.7 U	310	60	5.7 J	18 U	24 U	8.4 U	8.1 U	13 U	1200	150	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	22 U	22 U	43 U	25 U	25 U	530	22 U	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	2500 U	2400 U	4700 U	4000 J	2700 U	80000	2400 U	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	240 U	230 U	450 U	360 J	260 U	8100	230 U	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	4.7 U	4.6 U	9.1 U	5.4 U	5.2 U	63	4.7 U	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	4.5 U	4.4 U	8.7 U	5.2 U	5 U	370	4.5 U	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	9.5 U	9.3 U	18 U	11 U	11 U	670	9.4 U	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	9.5 U	9.2 U	18 U	11 U	10 U	620	9.3 U	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	23 U	22 U	43 U	26 U	25 U	1100	22 U	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	4.6 U	4.4 U	8.7 U	5.2 U	5 U	33 J	4.5 U	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	97 U	94 U	180 U	110 U	110 U	5400	95 U	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	5.1 U	4.9 U	9.7 U	5.8 U	5.6 U	81	5 U	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	5 U	4.8 U	9.5 U	5.7 U	5.5 U	33 J	4.9 U	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	4.5 U	4.4 U	8.6 U	5.1 U	5 U	5.3 U	4.5 U	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	150	4.8 U	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	9000 U	8800 U	17000 U	10000 U	10000 U	450000	8900 U	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	96 U	94 U	180 U	110 U	110 U	6200	95 U	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	48 U	46 U	91 U	54 U	52 U	4600	47 U	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	11 UJ	8.7 J	1200 J	200 J	23 J	19 U	26 U	9 U	8.6 U	14 U	3800	690	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	46 U	44 U	87 U	52 U	50 U	4100	45 U	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	44 U	42 U	83 U	50 U	48 U	3000	43 U	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	25 U	24 U	48 U	29 U	28 U	1500	25 U	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	100	4.7 U	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	9.7 U	9.4 U	19 U	11 U	11 U	390	9.6 U	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	50	4.7 U	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	4.6 U	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	10 U	1.7 U	49	21	0.81 J	17 U	24 U	8.2 U	7.9 U	13 U	120	53	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	4.4 U	4.3 U	8.4 U	5 U	4.9 U	350	4.3 U	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	23 U	22 U	44 U	26 U	25 U	1400	23 U	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	4.6 U	4.4 U	8.8 U	5.2 U	5.1 U	230 J	4.5 U	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	13 J	4.8 U	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	59	4.6 U	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	87 U	85 U	170 U	100 U	96 U	4300	86 U	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	4.9 U	4.8 U	9.4 U	5.6 U	5.5 U	260	4.9 U	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.5 U	5.3 U	190	4.8 U	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	11 U	1.8 U	21 J	1.3 U	0.59 U	19 U	26 U	9 U	8.6 U	14 U	61	17 U	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	94 U	92 U	180 U	110 U	100 U	110 U	5100	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
					PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	0 U	53.45	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	0 U	19.9	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	0 U	20.8	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	0 U	20.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	130	147	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	160	178.9	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	1800	1972	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	64	80.85	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	8.9	26.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	0 U	20.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	150	168.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	0 U	19.95	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	0 U	20.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	0 U	20.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	5.9	24.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	0 U	20.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	31300	31337	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	15	31.95	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	29	47.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	18	36.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	0 U	19.95	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	0 U	23.4	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	1350	1385.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	530	609.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	84000	91350	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	8460	9165	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	63	79.85	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	370	386.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	670	704.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	620	653.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	1100	1180.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	33	49.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	5400	5743	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	81	99.05	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	33	50.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	0 U	18.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	150	167.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	450000	481850	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	6200	6542.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	4600	4769	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	4490	4528.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	4100	4262	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	3000	3155	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	1500	1589.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	100	116.8	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	390	424.85	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	50	67.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	0 U	19.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	173	208.05	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	350	365.65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	1400	1481.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	230	246.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	13	30.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	59	75.45	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	4300	4612	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	260	277.55	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	190	207.25	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	61	107.8	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	5100	5443	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE
					PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214	POTASSIUM-40
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-
					TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	SILANOL, DIMETHYL(1,1,2-TRIMETHYLPROPYL)	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]	UNKNOWN [2.17]
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	UNKNOWN [3.57]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	HEXANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
E-SB-1371-4-5	E-SB-1371	4	5	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1371-5-6	E-SB-1371	5	6	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1371-6-7	E-SB-1371	6	7	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1371-7-8	E-SB-1371	7	8	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1372-2-3	E-SB-1372	2	3	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1372-3-4	E-SB-1372	3	4	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1372-4-5	E-SB-1372	4	5	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1372-5-6	E-SB-1372	5	6	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1372-6-7	E-SB-1372	6	7	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1372-7-8	E-SB-1372	7	8	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1373-2-3	E-SB-1373	2	3	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1373-3-4	E-SB-1373	3	4	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1373-4-5	E-SB-1373	4	5	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1373-5-6	E-SB-1373	5	6	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1373-6-7	E-SB-1373	6	7	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1373-7-8	E-SB-1373	7	8	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1374-2-3	E-SB-1374	2	3	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1374-3-4	E-SB-1374	3	4	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1374-4-5	E-SB-1374	4	5	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1374-5-6	E-SB-1374	5	6	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1374-6-7	E-SB-1374	6	7	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1374-7-8	E-SB-1374	7	8	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1375-3-4	E-SB-1375	3	4	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1375-4-5	E-SB-1375	4	5	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1375-5-6	E-SB-1375	5	6	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1375-6-7	E-SB-1375	6	7	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1375-7-8	E-SB-1375	7	8	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1376-3-4	E-SB-1376	3	4	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1376-4-5	E-SB-1376	4	5	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1376-5-6	E-SB-1376	5	6	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1376-6-7	E-SB-1376	6	7	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1376-7-8	E-SB-1376	7	8	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1377-3-4	E-SB-1377	3	4	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1377-4-5	E-SB-1377	4	5	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1377-5-6	E-SB-1377	5	6	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1377-6-7	E-SB-1377	6	7	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1377-7-8	E-SB-1377	7	8	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1378-2-3	E-SB-1378	2	3	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1378-3-4	E-SB-1378	3	4	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1378-4-5	E-SB-1378	4	5	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1378-5-6	E-SB-1378	5	6	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1378-6-7	E-SB-1378	6	7	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1378-7-8	E-SB-1378	7	8	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1379-3-4	E-SB-1379	3	4	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1379-4-5	E-SB-1379	4	5	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1379-5-6	E-SB-1379	5	6	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1379-6-7	E-SB-1379	6	7	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1379-7-8	E-SB-1379	7	8	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1380-3-4	E-SB-1380	3	4	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1380-4-5	E-SB-1380	4	5	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1380-5-6	E-SB-1380	5	6	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1380-6-7	E-SB-1380	6	7	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1380-7-8	E-SB-1380	7	8	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1381-3-4	E-SB-1381	3	4	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1381-4-5	E-SB-1381	4	5	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1381-5-6	E-SB-1381	5	6	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1381-6-7	E-SB-1381	6	7	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1381-7-8	E-SB-1381	7	8	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1382-3-4	E-SB-1382	3	4	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.3 U	4.2	26 J	1
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.34 U	2.9	55	0.83
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.1 UJ	5.1 J	19 J	1.6 J
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.34 U	3.3	54	0.68
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.34 UJ	4 J	22	0.97
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.34 UJ	2.6 J	17 J	1
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.82 UJ	14 J	15 J	1 J
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.33 UJ	2.3 J	23	0.65
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.54 U	5.7	42	0.59
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.41 U	2.4	23	0.42 J
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.43 J	2.5	46	0.61
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.48 U	2.1	66	1.2
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-233	URANIUM-234	URANIUM-235
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	0.11 J	33	5.5	22	--	16	--	0.16 J	0.49 U	18	0.63 U	0.18 J	0.77 U	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	0.78	15	13	16	--	24	--	0.049 J	0.36 U	18	0.4 J	0.14 J	0.48 U	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	0.2 U	24	18	22 J	--	4.9 J	--	0.019 U	1.5 U	39	2.5 UJ	0.55 J	0.6 U	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	0.49	18	9.1	17	--	32	--	0.2	0.5 U	13	0.46 J	0.2 J	0.48 U	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	0.031 U	14	12	12 J	--	7.3	--	0.029 J	0.34 U	14	0.41 J	0.12 J	0.48 U	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	0.032 U	12	4.2	13 J	--	9.3	--	0.018 U	0.32 U	9.9	0.4 UJ	0.088 U	0.48 U	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	0.076 U	4	8	2.5 J	--	6	--	0.054 J	0.57 U	13	0.95 UJ	0.21 U	0.58 U	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	0.053 J	11	7.7	11 J	--	9.5	--	0.18	0.29 U	8.6	0.39 UJ	0.12 J	0.47 U	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	13	22	13	67 B	--	160	--	0.11 J	1.6 J	25	0.38 U	0.22 J	0.15 U	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	0.02 J	8.2	3.4	4.4 B	--	4.1	--	0.017 U	0.3 J	5.6	0.29 U	0.054 U	0.11 U	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	0.93	15	5.1	15 B	--	23	--	0.06 J	0.29 J	8.9	0.29 U	0.054 U	0.11 U	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	0.78	13	4	9.7 B	--	25	--	0.041 J	0.37 J	7.5	0.34 U	0.062 U	0.13 U	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	2.8 U	1.2 U	1.7 U	1.1 U	0.65 U
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	49	37	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	27	130	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	44 J	46	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	26	150	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	22 J	42	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	19 J	29	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	8.1 J	44	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	18 J	39	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	19	160	--	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	13	15	--	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	20	57	--	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	25	43	--	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268
					PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	23 U	23 U	45 U	27 U	26 U	27 U	590	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	4.6 U	4.5 U	8.9 U	5.3 U	5.1 U	15 J	4.6 U	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	4.5 U	4.4 U	8.6 U	5.1 U	5 U	5.3 U	4.4 U	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	4.9 U	4.7 U	9.3 U	5.6 U	5.4 U	5.7 U	4.8 U	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	7.6 J	4.5 U	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	4.5 U	4.4 U	8.6 U	5.1 U	5 U	5.3 U	75	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	6.2 J	4.6 U	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	4.5 U	4.4 U	8.6 U	5.1 U	4.9 U	5.2 U	4.4 U	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	5.1 U	4.9 U	9.7 U	5.8 U	5.6 U	5.9 U	6.7 J	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	88 U	85 U	170 U	100 U	97 U	8100	87 U	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	4.5 U	4.4 U	8.6 U	5.1 U	5 U	26 J	4.4 U	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	4.3 U	4.2 U	8.2 U	4.9 U	4.7 U	7.5 J	4.2 U	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	4.7 U	4.6 U	9 U	5.4 U	5.2 U	5.5 U	4.6 U	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	4.8 U	4.6 U	9.1 U	5.4 U	5.3 U	5.6 U	4.7 U	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	11 U	1.8 U	1.2 U	1.3 U	0.58 U	19 U	26 U	8.9 U	8.6 U	14 U	17 U	16 U	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	4.8 U	4.7 U	9.2 U	5.5 U	5.3 U	14 J	4.8 U	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	12 J	4.6 U	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	4.6 U	4.4 U	8.7 U	5.2 U	5 U	8.6 J	4.5 U	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	9.1 J	4.6 U	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	6.5 U	6.3 U	12 U	7.4 U	7.2 U	7.6 U	82	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	4.2 U	4.1 U	8 U	4.8 U	4.6 U	4.9 U	35	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	4.6 U	4.5 U	8.8 U	5.3 U	5.1 U	5.4 U	61	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	22 U	21 U	41 U	25 U	24 U	25 U	500	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	5 U	4.8 U	9.5 U	5.7 U	5.5 U	5.8 U	4.9 U	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	4.7 U	4.6 U	9.1 U	5.4 U	5.2 U	5.5 U	5.7 J	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.2 U	5.5 U	4.6 U	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	4.5 U	4.4 U	8.7 U	5.2 U	5 U	5.3 U	7.5 J	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	4.7 U	4.5 U	8.9 U	5.3 U	5.2 U	5.5 U	4.6 U	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	4.7 U	4.6 U	9.1 U	5.4 U	5.2 U	5.5 U	4.7 U	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	94 U	91 U	180 U	110 U	100 U	110 U	7200	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	49 U	48 U	93 U	56 U	54 U	57 U	3900	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	14 U	19 U	24 U	13 U	9.6 U	17 U	11 U	12 U	16 U
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	14 U	19 U	24 U	13 U	9.6 U	17 U	11 U	12 U	16 U
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	15 U	19 U	24 U	13 U	9.7 U	17 U	11 U	12 U	16 U
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U	17 U	12 J	12 U	15 U
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	16 U	21 U	26 U	14 U	10 U	18 U	12 U	13 U	17 U
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U	17 U	11 U	12 U	16 U
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	14 UJ	19 U	24 U	13 U	9.4 U	17 U	11 UJ	12 U	15 U
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	15 U	20 U	25 U	14 U	10 U	17 U	11 U	12 U	16 U
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	15 U	20 U	25 U	14 U	10 U	18 U	11 U	13 U	16 U
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	14.5 U	19.5 U	24.5 U	13.5 U	9.85 U	17.5 U	11 U	12.5 U	16 U
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	14 U	19 U	24 U	13 U	9.7 U	17 U	11 U	12 U	16 U
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	14 U	19 U	23 U	13 U	9.4 U	16 U	11 U	12 U	15 U
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	15 U	20 U	25 U	14 U	10 U	18 U	11 U	13 U	16 U
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	15 U	19 U	24 U	13 U	9.7 U	17 U	11 U	12 U	16 U
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	15 U	20 U	25 U	14 U	9.8 U	17 U	16 J	12 U	16 U
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U	17 U	21 J	12 U	15 U
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	14 U	19 U	24 U	13 U	9.6 U	17 U	21 J	12 U	16 U
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U	17 U	11 U	12 U	15 U
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U	16 U	270	11 U	15 U
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	15 U	20 U	25 U	14 U	9.9 U	17 U	620	12 U	16 U
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	15 UJ	20 U	25 U	14 U	10 U	18 U	11 UJ	13 U	16 U
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	14.5 U	19.5 U	24.5 U	13.5 U	9.8 U	17.5 U	11 U	12.5 U	16 U
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	14 UJ	19 U	24 U	13 U	9.6 U	17 U	11 UJ	12 U	16 U
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	15 UJ	20 U	25 U	14 U	9.8 U	17 U	11 UJ	12 U	16 U
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	15 UJ	20 U	25 U	14 U	10 U	17 U	11 UJ	12 U	16 U
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	15 UJ	20 U	26 U	14 U	10 U	18 U	11 UJ	13 U	17 U
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	15 U	20 U	25 U	14 U	9.9 U	17 U	37 J	12 U	16 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
					PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	590	675.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	15	31.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	0 U	18.65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	0 U	20.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	7.6	24	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	75	91.45	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	6.2	22.65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	0 U	18.55	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	6.7	25.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	8100	8413.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	26	42	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	7.5	22.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	0 U	19.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	0 U	19.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	0 U	54.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	14	31.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	12	28.45	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	8.6	24.8	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	9.1	25.55	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	82	105.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	35	50.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	61	77.85	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	500	579	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	0 U	20.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	5.7	22.95	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	0 U	19.35	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	7.5	24.05	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	0 U	19.35	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	0 U	19.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	7200	7542.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	3900	4078.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	0.00 U	67.8	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	0.00 U	67.8	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	0.00 U	68.35	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	12	73.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	0.00 U	73.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	0.00 U	67.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	0.00 U	67.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	0.00 U	70	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	0.00 U	71	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	0 U	69.425	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	0.00 U	67.85	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	0.00 U	66.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	0.00 U	71	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	0.00 U	68.35	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	16	80.4	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	21	82.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	21	83.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	0.00 U	67.25	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	270	329.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	620	684.45	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	0.00 U	71	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	0 U	69.4	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	0.00 U	67.8	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	0.00 U	69.9	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	0.00 U	70	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	0.00 U	72	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	37	101.45	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE
					PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	23 J	--	--	74 U	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	100	--	--	48 U	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	92	--	--	52 U	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	130	--	--	49 U	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	35	--	--	70 J	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	4.8 U	--	--	53 U	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	4.7 U	--	--	52 U	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	18 J	--	--	52 U	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	150	--	--	2400	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	1100	360	110	490	1074	1072.2	--	1000	850	820	440
E-SB-1387-3	E-SB-1387	3	3	20140731	5.2 U	7.9 U	38 J	89	649.77	646.32	--	410	520	610	260
E-SB-1388-4	E-SB-1388	4	4	20140801	26	18	38	73	624.67	624.67	--	430	460	630	170
E-SB-1389-3	E-SB-1389	3	3	20140731	64	43	82	140	1256.32	1256.32	--	740	930	1200	400
E-SB-1390-6	E-SB-1390	6	6	20140801	4.5 J	0.91 U	0.42 U	5.1 J	17.73205	17.312	--	12	14	21	0.42 U
E-SB-1391-5	E-SB-1391	5	5	20140801	3.9 J	0.87 U	4 J	8.8	48.366	47.966	--	31	39	56	0.4 U
E-SB-1392-7	E-SB-1392	7	7	20140801	0.57 U	0.86 U	0.4 U	0.88 U	0.73 U	0.73 U	--	0.71 U	0.73 U	0.67 U	0.4 U
E-SB-1393-7	E-SB-1393	7	7	20140801	0.56 U	0.85 U	0.39 U	0.87 U	1.6689	0.88	--	0.7 U	0.72 U	8.8	0.39 U
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	400	1200	3.6 U	2000	720	350	390	4300	3000	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	280	520	6.9 U	540	5.5 U	210	40 J	320	890	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	220	470	41	500	27	150	35	250	990	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	440	920	93	1000	75	340	70	680	1700	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	0.81 U	12	0.79 U	19	4 J	0.42 U	10	17	19	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	23	36	0.76 U	45	4.7 J	0.4 U	0.94 U	42	68	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	0.77 U	1.2 U	0.75 U	0.62 U	0.6 U	0.4 U	0.93 U	0.83 U	0.5 U	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	0.76 U	1.2 U	0.74 U	17	0.59 U	0.39 U	4.3 J	17	15	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214	POTASSIUM-40
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	4 U	25 U	11 U	29 U	10 U	23 U	23 U	24 U	19 U	24 U
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	4 U	25 U	11 U	29 U	10 U	23 U	23 U	24 U	19 U	24 U
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	4.1 U	25 U	11 U	29 U	10 U	23 U	23 U	24 U	20 U	24 U
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	4.2 U	26 U	11 U	30 U	11 U	24 U	24 U	25 U	20 U	25 U
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	9.6 J	28 U	12 U	32 U	11 U	25 U	25 U	26 U	21 U	26 U
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	0.51 U	9.4 U	0.57 U	13 U	10 U	9.5 U	23 U	21 U	18 U	10 U	15 U	24 U	19 U	15 U
E-SB-1398-4-8	E-SB-1398	4	8	20141113	0.51 U	9.4 U	0.57 U	13 U	10 U	9.5 U	23 U	21 U	18 U	11 U	15 U	24 U	19 U	15 U
E-SB-1399-2-4	E-SB-1399	2	4	20141113	0.52 U	9.5 U	6 J	13 U	11 U	9.6 U	23 U	21 U	19 U	11 U	15 U	24 U	20 U	15 U
E-SB-1399-4-8	E-SB-1399	4	8	20141113	0.54 U	9.8 U	28	13 U	11 U	9.9 U	24 U	21 U	19 U	11 U	15 U	25 U	20 U	15 U
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	0.57 U	10 U	110	14 U	11 U	10 U	25 U	23 U	20 U	12 U	16 U	26 U	21 U	16 U
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	30 U	19 U	17	0.4 U	10 U	15	10 U	36.161	35.766	14 U	35	27	50
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	30 U	19 U	0.87 U	0.4 U	11 U	0.89 U	10 U	0.73 U	0.73 U	14 U	0.72 U	0.73 U	0.67 U
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	30 U	20 U	27	8.5	11 U	75	11 U	580.95	580.57	14 U	420	460	630
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	31 U	20 U	38	0.42 U	11 U	80	11 U	484.155	483.76	14 U	410	380	510
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	33 U	21 U	15	0.44 U	12 U	10	11 U	13.814	13.399	15 U	9.6	10	16
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	0.4 U	22	25 U	2.3 U	22 U	11 U	61 J	31 U	46	0.75 U	0.75 U	18 U	19 U	17 U
E-SB-1398-4-8	E-SB-1398	4	8	20141113	0.4 U	0.78 U	25 U	2.3 U	46 JB	11 U	42 U	31 U	1.3 U	0.75 U	0.75 U	18 U	19 U	17 U
E-SB-1399-2-4	E-SB-1399	2	4	20141113	130	310	25 U	2.3 U	87 B	12 U	43 U	31 U	470	0.76 U	0.76 U	19 U	20 U	150
E-SB-1399-4-8	E-SB-1399	4	8	20141113	90	260	26 U	2.4 U	68 JB	12 U	44 U	32 U	460	0.79 U	0.79 U	19 U	20 U	18 U
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	11	5.8 J	28 U	2.5 U	38 U	13 U	47 U	34 U	11	0.83 U	9 J	20 U	21 U	19 U
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	9 U	84	13	2.4 U	6.4 U	9.2 U	10 U	0.4 U	15 U	10	2.5 U	18 U	7.2 U	24 U
E-SB-1398-4-8	E-SB-1398	4	8	20141113	9 U	0.63 U	0.61 U	2.4 U	6.4 U	9.3 U	10 U	0.4 U	15 U	0.94 U	2.5 U	18 U	7.2 U	24 U
E-SB-1399-2-4	E-SB-1399	2	4	20141113	9.1 U	730	37	2.4 U	6.5 U	9.4 U	10 U	120	15 U	7.5 J	2.5 U	19 U	7.3 U	24 U
E-SB-1399-4-8	E-SB-1399	4	8	20141113	9.4 U	780	62	2.5 U	6.7 U	9.6 U	11 U	87	15 U	16	2.6 U	19 U	7.5 U	25 U
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	10 U	26	21	2.6 U	7.1 U	10 U	11 U	7.7 J	16 U	62	2.8 U	20 U	7.9 U	26 U
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	10 U	63	8.3 U	71	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	10 U	0.83 U	8.3 U	0.5 U	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	11 U	440	8.5 U	1200	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	11 U	580	8.7 U	1400	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	11 U	52	9.2 U	22	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-
					TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	--	--	--	--	7700 NJ	--	--	3800 NJ	11000 NJ	1300 NJ	3200 NJ
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	3500 NJ	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	SILANOL, DIMETHYL(1,1,2-TRIMETHYLPROPYL)	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]	UNKNOWN [2.17]
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	2100 NJ	7400 NJ	1200 NJ	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	1500 NJ	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	UNKNOWN [3.57]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	0.56 U	0.5 U	0.31 U	--	1.2 U	0.32 U	0.47 U	0.27 U	0.34 U	0.81 U	0.15 J
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	0.49 U	0.44 U	0.27 U	--	1 U	0.28 U	0.41 U	0.23 U	0.3 U	0.7 U	0.13 U
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	0.57 U	0.51 U	0.28 U	--	1.2 U	0.33 U	0.48 U	0.28 U	0.32 U	0.75 U	0.14 U
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	0.51 U	0.46 U	0.28 U	--	1.1 U	0.3 U	0.43 U	0.25 U	0.31 U	0.74 U	0.14 U
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	2.2 U	2.8 UJ	1.3 U	--	1.8 U	1.5 U	3.5 U	1.6 U	2.2 U	3.4 U	130
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	0.24 U	0.58 U	1.2 U	0.45 U	0.32 U	0.31 U	0.62 U	--	0.31 U	0.31 U	0.59 U	0.84 U
E-SB-1398-4-8	E-SB-1398	4	8	20141113	0.21 U	0.51 U	1 U	0.39 U	0.28 U	0.27 U	0.54 U	--	0.27 U	0.27 U	0.52 U	0.74 U
E-SB-1399-2-4	E-SB-1399	2	4	20141113	0.22 U	0.54 U	1.1 U	0.46 U	0.3 U	0.31 U	0.63 U	--	0.29 U	0.31 U	0.55 U	0.86 U
E-SB-1399-4-8	E-SB-1399	4	8	20141113	0.22 U	0.54 U	1.1 U	0.41 U	0.3 U	0.28 U	0.57 U	--	0.29 U	0.28 U	0.54 U	0.78 U
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	1.6 U	3.2 J	12 U	2.3 U	1.5 U	2 U	0.60 U	--	3 U	1.7 U	1.2 U	1.9 UJ
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	9.3 J	1.3 U	0.36 U	0.57 U	0.37 U	0.19 U	0.48 U	75 B	0.21 U	0.3 U
E-SB-1398-4-8	E-SB-1398	4	8	20141113	3.9 J	1.1 U	0.31 U	0.49 U	0.32 U	0.16 U	0.42 U	37 B	0.18 U	0.26 U
E-SB-1399-2-4	E-SB-1399	2	4	20141113	1.3 U	1.3 U	0.33 U	0.58 U	0.34 U	0.17 U	0.5 U	5.8 U	0.21 U	0.27 U
E-SB-1399-4-8	E-SB-1399	4	8	20141113	5.8 J	1.2 U	0.33 U	0.52 U	0.34 U	0.17 U	0.45 U	33 B	0.19 U	0.27 U
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	18 J	2.8 U	1.3 U	2.9 U	1.1 U	15 J	5.3 UR	140	3.9 U	1.4 U
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	0.64 U	0.25 U	0.3 U	0.48 U	0.54 J	0.33 U	0.3 U	0.49 U	0.77 U	0.26 U	0.37 U
E-SB-1398-4-8	E-SB-1398	4	8	20141113	0.56 U	0.22 U	0.26 U	0.42 U	0.38 J	0.29 U	0.26 U	0.43 U	0.67 U	0.23 U	0.32 U
E-SB-1399-2-4	E-SB-1399	2	4	20141113	0.65 U	0.26 U	0.3 U	0.5 U	0.4 U	0.34 U	0.3 U	0.51 U	0.79 U	0.27 U	0.38 U
E-SB-1399-4-8	E-SB-1399	4	8	20141113	0.59 U	0.23 U	0.27 U	0.45 U	0.55 J	0.31 U	0.27 U	0.45 U	0.71 U	0.24 U	0.34 U
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	1.4 U	1.3 U	1 U	1.8 U	5.3 J	2.8 U	2.3 U	1.6 U	1.9 U	1.6 U	3.4 U
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	HEXANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	0.32 U	0.31 U	0.57 U	0.45 U	1.3 U	0.2 U	0.23 U	1.1 U	--	0.14 U	1.1 U	--
E-SB-1398-4-8	E-SB-1398	4	8	20141113	0.28 U	0.27 U	0.49 U	0.39 U	1.2 U	0.17 U	0.2 U	0.94 U	--	0.13 U	0.94 U	--
E-SB-1399-2-4	E-SB-1399	2	4	20141113	0.33 U	0.31 U	0.58 U	0.46 U	1.4 U	0.2 U	0.24 U	1 U	--	0.15 U	1.1 U	--
E-SB-1399-4-8	E-SB-1399	4	8	20141113	0.3 U	0.28 U	0.52 U	0.41 U	1.2 U	0.18 U	0.21 U	0.99 U	--	0.13 U	0.99 U	--
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	1.2 U	3.1 U	1.8 U	1.2 UJ	2.5 U	1.8 U	1.4 U	1.7 U	--	94	9.6 J	--
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1398-2-4	E-SB-1398	2	4	20141113	0.39 U	0.6 U	1.5 JB	0.21 U	0.36 U	0.34 J	0.16 U	0.13 U	0.33 U	0.26 U	6.8 U	0.47 U
E-SB-1398-4-8	E-SB-1398	4	8	20141113	0.34 U	0.52 U	0.16 JB	0.18 U	0.31 U	0.27 U	0.14 U	0.12 U	0.29 U	0.23 U	6 U	0.41 U
E-SB-1399-2-4	E-SB-1399	2	4	20141113	0.4 U	0.62 U	0.24 JB	0.19 U	0.33 U	0.32 U	0.15 U	0.14 U	0.34 U	0.24 U	7 U	0.48 U
E-SB-1399-4-8	E-SB-1399	4	8	20141113	0.35 U	0.55 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.12 U	0.31 U	0.24 U	6.3 U	0.43 U
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-2-4	E-SB-1442	2	4	20160330	1.9 U	3.2 U	62	53	200	2.5 U	45	1.7 U	1.9 U	2.9 U	25 U	3.5 U
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
E-SB-1382-4-5	E-SB-1382	4	5	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1382-5-6	E-SB-1382	5	6	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1382-6-7	E-SB-1382	6	7	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1382-7-8	E-SB-1382	7	8	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1383-3-4	E-SB-1383	3	4	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1383-4-5	E-SB-1383	4	5	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1383-5-6	E-SB-1383	5	6	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1383-6-7	E-SB-1383	6	7	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1383-7-8	E-SB-1383	7	8	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1384-3-4	E-SB-1384	3	4	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1384-4-5	E-SB-1384	4	5	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1384-5-6	E-SB-1384	5	6	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1384-6-7	E-SB-1384	6	7	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1384-7-8	E-SB-1384	7	8	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1385-3-4	E-SB-1385	3	4	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1385-4-5	E-SB-1385	4	5	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1385-5-6	E-SB-1385	5	6	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1385-6-7	E-SB-1385	6	7	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1385-7-8	E-SB-1385	7	8	20140730	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1386-3	E-SB-1386	3	3	20140731	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1387-3	E-SB-1387	3	3	20140731	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1388-4	E-SB-1388	4	4	20140801	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1389-3	E-SB-1389	3	3	20140731	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1390-6	E-SB-1390	6	6	20140801	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1391-5	E-SB-1391	5	5	20140801	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1392-7	E-SB-1392	7	7	20140801	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1393-7	E-SB-1393	7	7	20140801	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1398-2-4	E-SB-1398	2	4	20141113	--	0.24 U	0.34 J	--	0.37 U	0.48 U	0.38 U	0.31 U	0.22 U	0.35 U	NORMAL
E-SB-1398-4-8	E-SB-1398	4	8	20141113	--	0.21 U	0.27 U	--	0.32 U	0.42 U	0.33 U	0.27 U	0.2 U	0.31 U	NORMAL
E-SB-1399-2-4	E-SB-1399	2	4	20141113	--	0.25 U	0.32 U	--	0.38 U	0.5 U	0.39 U	0.31 U	0.23 U	0.36 U	NORMAL
E-SB-1399-4-8	E-SB-1399	4	8	20141113	--	0.22 U	0.29 U	--	0.34 U	0.45 U	0.35 U	0.28 U	0.21 U	0.32 U	NORMAL
E-SB-1439-2-4	E-SB-1439	2	4	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1439-4-6	E-SB-1439	4	6	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1439-6-8	E-SB-1439	6	8	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1440-2-4	E-SB-1440	2	4	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1440-4-6	E-SB-1440	4	6	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1440-6-8	E-SB-1440	6	8	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1440-8-10	E-SB-1440	8	10	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1441-2-4	E-SB-1441	2	4	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1441-4-6	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1441-4-6-AVG	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1441-4-6-D	E-SB-1441	4	6	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1441-6-8	E-SB-1441	6	8	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1442-2-4	E-SB-1442	2	4	20160330	--	1.2 U	9.6 J	9.6	1.4 U	1.3 U	1.6 U	1.3 U	2.8 U	1.3 U	NORMAL
E-SB-1442-2-4A	E-SB-1442	2	4	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1442-4-6	E-SB-1442	4	6	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1442-6-8	E-SB-1442	6	8	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1443-2-4	E-SB-1443	2	4	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1443-4-6	E-SB-1443	4	6	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1443-6-8	E-SB-1443	6	8	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1444-2-4	E-SB-1444	2	4	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1444-4-6	E-SB-1444	4	6	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1444-6-8	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1444-6-8-AVG	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1444-6-8-D	E-SB-1444	6	8	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1445-2-4	E-SB-1445	2	4	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1445-4-6	E-SB-1445	4	6	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1445-6-8	E-SB-1445	6	8	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1446-2-4	E-SB-1446	2	4	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-233	URANIUM-234	URANIUM-235
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268
					PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	15 UJ	20 U	25 U	14 U	10 U	18 U	11 UJ	13 U	16 U
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	15 UJ	20 U	25 U	14 U	9.9 U	17 U	11 UJ	12 U	16 U
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	14000 U	19000 U	24000 U	13000 U	9500 U	17000 U	290000	12000 U	15000 U
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	1400 U	1900 U	2400 U	1300 U	960 U	1700 U	18000	1200 U	1600 U
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	6900 U	9200 U	11000 U	6300 U	4600 U	8000 U	46000	5700 U	7500 U
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	14000 U	19000 U	23000 U	13000 U	9300 U	130000	10000 U	12000 U	15000 U
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	14 U	18 U	23 U	13 U	9.1 U	42	10 U	11 U	15 U
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	13 U	18 U	22 U	12 U	8.9 U	31 J	10 U	11 U	14 U
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	16 U	10 U	12 U	15 U
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	330	10 U	12 U	15 U
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	14 U	19 U	23.5 U	13 U	9.35 U	300	10.5 U	12 U	15 U
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	14 U	19 U	24 U	13 U	9.4 U	270	11 U	12 U	15 U
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	71 U	95 U	120 U	65 U	48 U	560	53 U	59 U	77 U
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	61	10 U	12 U	15 U
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U	61	11 U	12 U	15 U
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	13 U	18 U	22 U	12 U	9 U	16 U	13 J	11 U	15 U
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	13 U	17 U	22 U	12 U	8.7 U	15 U	9.8 U	11 U	14 U
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U	17 U	55	12 U	15 U
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	14 U	19 U	23 U	13 U	9.4 U	16 U	11 U	12 U	15 U
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	66 U	88 U	110 U	60 U	44 U	77 U	49 U	55 U	71 U
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U	16 U	10 U	12 U	15 U
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	660 U	880 U	1100 U	600 U	440 U	770 U	9800	550 U	710 U
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	13 U	18 U	22 U	12 U	8.8 U	15 U	27 J	11 U	14 U
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U	17 U	11 U	12 U	15 U
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	14 U	19 U	24 U	13 U	9.7 U	17 U	11 U	12 U	16 U
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	16 U	21 U	27 U	15 U	11 U	19 U	12 U	13 U	17 U
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	15 U	19 U	24 U	13 U	9.7 U	17 U	11 U	12 U	16 U
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	280 U	380 U	470 U	260 U	190 U	330 U	4500	240 U	310 U
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	13 U	18 U	22 U	12 U	8.8 U	47	9.9 U	11 U	14 U
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	13 U	18 U	22 U	12 U	8.9 U	15 U	10 U	11 U	14 U
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	140 U	180 U	230 U	130 U	92 U	160 U	1000	110 U	150 U
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	14 U	18 U	23 U	12 U	9 U	16 U	10 U	11 U	15 U
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	14 U	19 U	24 U	13 U	9.4 U	16 U	11 U	12 U	15 U
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	280 U	370 U	470 U	260 U	190 U	5100	210 U	230 U	300 U
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	13 U	18 U	22 U	12 U	8.9 U	41	10 U	11 U	14 U
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	13 U	18 U	22 U	12 U	8.9 U	45	10 U	11 U	14 U
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	13 U	18 U	22 U	12 U	8.9 U	49	10 U	11 U	14 U
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	14 U	19 U	24 U	13 U	9.4 U	27 J	11 U	12 U	15 U
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U	270	10 U	12 U	15 U
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U	16 U	10 U	11 U	15 U
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U	17 U	11 U	12 U	15 U
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	13000 U	18000 U	22000 U	120000 U	89000 U	1700000	100000 U	110000 U	140000 U
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	67 U	90 U	110 U	62 U	45 U	240	50 U	56 U	73 U
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	13 U	18 U	22 U	12 U	8.9 U	210	10 U	11 U	15 U
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	14000 U	18000 U	23000 U	130000 U	91000 U	1100000	100000 U	110000 U	150000 U
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	15 U	20 U	25 U	14 U	9.9 U	17 U	11 U	12 U	16 U
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	15 U	20 U	25 U	14 U	10 U	18 U	11 U	13 U	16 U
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	14 U	19 U	24 U	13 U	9.6 U	17 U	11 U	12 U	16 U
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	14 U	19 U	24 U	13 U	9.55 U	17 U	11 U	12 U	15.5 U
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U	17 U	11 U	12 U	15 U
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	15 U	20 U	24 U	13 U	9.8 U	17 U	11 U	12 U	16 U
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	29000 U	38000 U	48000 U	26000 U	19000 U	33000 U	540000	24000 U	31000 U
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	7400 U	9900 U	12000 U	6800 U	5000 U	8700 U	110000	6200 U	8100 U
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	140 U	190 U	240 U	130 U	95 U	170 U	4100	120 U	150 U
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	28000 U	37000 U	47000 U	26000 U	19000 U	33000 U	1300000	23000 U	30000 U
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	69000 U	92000 U	12000 U	63000 U	46000 U	81000 U	2300000	58000 U	75000 U
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	16 U	10 U	12 U	15 U
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U	17 U	24 J	12 U	15 U
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	14 U	19 U	23 U	13 U	9.4 U	16 U	11 U	12 U	15 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
					PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	0.00 U	71	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	0.00 U	69.95	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	290000	351750	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	18000	24230	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	46000	75600	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	130000	187650	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	42	98.55	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	31	85.45	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	0 U	65.65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	330	387.65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	300	358.175	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	270	328.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	560	854	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	61	118.65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	61	119.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	13	71	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	0 U	61.25	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	55	116.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	0 U	66.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	0 U	310	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	0 U	65.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	9800	12655	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	27	83.9	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	0 U	67.25	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	0 U	67.85	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	0 U	75.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	0 U	68.35	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	4500	5730	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	47	101.35	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	0 U	61.95	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	1000	1596	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	0 U	64	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	0 U	66.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	5100	6255	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	41	95.45	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	45	99.45	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	49	103.45	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	27	85.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	270	327.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	0 U	64.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	0 U	67.25	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	1700000	2244500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	240	516.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	210	264.95	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	1100000	1665500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	0 U	69.95	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	0 U	71	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	0 U	67.8	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	0 U	67.525	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	0 U	67.25	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	0 U	68.9	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	540000	664000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	110000	142050	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	4100	4717.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	1300000	1421500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	2300000	2602000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	0 U	65.65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	24	85.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	0 U	66.2	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE
					PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	0.87 U	0.4 U	0.89 U	0.73 U	0.73 U	--	0.72 U	0.73 U	0.67 U	0.4 U
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	0.78 U	1.3 U	0.75 U	0.63 U	0.6 U	0.4 U	0.94 U	0.83 U	0.5 U	0 U	5.705
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214	POTASSIUM-40
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-
					TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	68000 NJ	44000 NJ	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	SILANOL, DIMETHYL(1,1,2-TRIMETHYLPROPYL)	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]	UNKNOWN [2.17]
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	UNKNOWN [3.57]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	4400 U	2400 U	2200 U	--	3800 U	3100 U	2700 U	3400 U	210000	9300 U	1200 U
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	1000000	1200 U	6400 U	2900 U	12000 J	900 U	2900 U	--	2700 U	2100 U	14000 J	4700 U
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	6600 U	7000 U	3700 U	7600 U	2300 U	2200 U	5000 U	20000 U	810 U	1200 U
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	6300 U	3400 U	5500 U	4600 U	5000 U	1600 U	1200 U	1800 U	4600 U	3200 U	4300 U
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	HEXANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	3400 U	2000 U	4500 U	5500 UJ	4700 U	1400 U	3100 U	4000 U	--	1200 U	1800 U	--
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-6-8	E-SB-1463	6	8	20160225	2700 U	7600 U	2300 U	1900 U	5500 U	1500 U	1400 U	2400 U	3800 U	3100 U	75000 U	2400 U
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
E-SB-1446-4-6	E-SB-1446	4	6	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1446-6-8	E-SB-1446	6	8	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1447-2-4	E-SB-1447	2	4	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1447-4-6	E-SB-1447	4	6	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1447-6-8	E-SB-1447	6	8	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1448-2-3	E-SB-1448	2	3	20160301	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1448-3-4	E-SB-1448	3	4	20160301	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1448-4-5	E-SB-1448	4	5	20160301	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1448-5-6	E-SB-1448	5	6	20160301	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1449-2-3	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1449-2-3-AVG	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1449-2-3-D	E-SB-1449	2	3	20160301	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1449-3-4	E-SB-1449	3	4	20160301	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1449-4-5	E-SB-1449	4	5	20160301	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1449-5-6	E-SB-1449	5	6	20160301	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1450-2-3	E-SB-1450	2	3	20160301	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1450-3-4	E-SB-1450	3	4	20160301	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1451-2-3	E-SB-1451	2	3	20160301	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1451-3-4	E-SB-1451	3	4	20160301	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1452-2-3	E-SB-1452	2	3	20160301	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1452-3-4	E-SB-1452	3	4	20160301	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1453-2-3	E-SB-1453	2	3	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1453-3-4	E-SB-1453	3	4	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1453-4-5	E-SB-1453	4	5	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1453-5-6	E-SB-1453	5	6	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1453-6-7	E-SB-1453	6	7	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1453-7-8	E-SB-1453	7	8	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1454-2-3	E-SB-1454	2	3	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1454-3-4	E-SB-1454	3	4	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1454-4-5	E-SB-1454	4	5	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1454-5-6	E-SB-1454	5	6	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1454-6-7	E-SB-1454	6	7	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1454-7-8	E-SB-1454	7	8	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1455-2-3	E-SB-1455	2	3	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1455-3-4	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1455-3-4-AVG	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1455-3-4-D	E-SB-1455	3	4	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1455-4-5	E-SB-1455	4	5	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1455-5-6	E-SB-1455	5	6	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1455-6-7	E-SB-1455	6	7	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1455-7-8	E-SB-1455	7	8	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1456-2-3	E-SB-1456	2	3	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1456-3-4	E-SB-1456	3	4	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1456-4-5	E-SB-1456	4	5	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1456-5-6	E-SB-1456	5	6	20160302	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1457-2-3	E-SB-1457	2	3	20160226	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1458-2-3	E-SB-1458	2	3	20160226	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1459-2-3	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1459-2-3-AVG	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1459-2-3-D	E-SB-1459	2	3	20160226	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1460-2-3	E-SB-1460	2	3	20160226	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1461-2-3	E-SB-1461	2	3	20160226	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1461-3-4	E-SB-1461	3	4	20160226	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1462-8-10	E-SB-1462	8	10	20160225	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1463-6-8	E-SB-1463	6	8	20160225	--	900 U	2900 U	0 U	2300 U	2300 U	3500 U	3100 U	9300 UJ	1500 U	NORMAL
E-SB-1463-8-10	E-SB-1463	8	10	20160225	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1464-2-4	E-SB-1464	2	4	20160225	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1464-4-6	E-SB-1464	4	6	20160225	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1464-6-8	E-SB-1464	6	8	20160225	--	--	--	--	--	--	--	--	--	--	NORMAL

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-233	URANIUM-234	URANIUM-235
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	13	610	0.046 U	0.66	62
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	0.15 J	660	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268
					PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	7200 U	9600 U	12000 U	6600 U	4800 U	8400 U	150000	6000 U	7800 U
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	1500 U	1900 U	2400 U	1300 U	970 U	1700 U	31000	1200 U	1600 U
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	1450 U	1900 U	2400 U	1300 U	960 U	1700 U	34000	1200 U	1550 U
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	1400 U	1900 U	2400 U	1300 U	950 U	1700 U	37000	1200 U	1500 UJ
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	14000 U	19000 U	23000 U	13000 U	9400 U	16000 U	220000	12000 U	15000 U
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	14 U	19 U	24 U	13 U	20 J	17 U	50	12 U	15 UJ
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	14 U	18 U	23 U	13 U	9.1 U	16 U	120	11 U	15 UJ
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	71 U	94 U	120 U	65 U	47 U	82 U	490	59 U	77 UJ
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	78000 U	10000 U	13000 U	72000 U	52000 U	91000 U	1400000	65000 U	85000 U
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	2900 U	3800 U	4800 U	2600 U	1900 U	3400 U	120000	2400 U	3100 U
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	290 U	390 U	490 U	270 U	190 U	340 U	5300	240 U	320 U
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	300 U	390 U	490 U	270 U	200 U	350 U	11000	250 U	320 U
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	14 U	19 U	24 U	13 U	9.4 U	17 U	11 U	12 U	15 U
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	79000 U	11000 U	13000 U	72000 U	53000 U	92000 U	1700000	66000 U	85000 U
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	14 U	19 U	24 U	13 U	9.6 U	17 U	56	12 U	16 U
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	29000 U	38000 U	48000 U	26000 U	19000 U	34000 U	680000	24000 U	31000 U
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	76 U	100 U	130 U	69 U	50 U	88 U	1200	63 U	82 U
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	15 U	20 U	25 U	14 U	10 U	18 U	140	13 U	16 U
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	15 U	20 U	25 U	14 U	10 U	18 U	63	13 U	16 U
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	73000 U	98000 U	12000 U	67000 U	49000 U	85000 U	960000	61000 U	79000 U
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	14 UJ	19 UJ	24 UJ	13 UJ	9.5 UJ	17 UJ	110 J	12 UJ	15 UJ
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	14 U	19 U	23 U	13 U	9.4 U	16 U	18 J	12 U	15 U
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	14 U	19 U	23 U	13 U	9.4 U	16 U	69	12 U	15 U
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	14 U	19 U	24 U	13 U	9.6 U	17 U	14 J	12 U	16 U
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	15 U	20 U	25 U	14 U	10 U	18 U	400	13 U	16 U
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	70 U	93 U	120 U	64 U	46 U	81 U	1200 J	58 U	75 U
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	140 U	190 U	240 U	130 U	95 U	170 U	3000	120 U	150 U
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	140 U	190 U	240 U	130 U	96 U	170 U	3700	120 U	160 U
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	280 U	380 U	470 U	260 U	190 U	330 U	5200	230 U	300 U
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	74000 U	99000 U	12000 U	68000 U	49000 U	86000 U	540000 J	62000 U	80000 U
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	74000 U	99000 U	12000 U	68000 U	49000 U	86000 U	730000	62000 U	80000 U
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	74000 U	99000 U	12000 U	68000 U	49000 U	86000 U	920000 J	62000 U	80000 U
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	140 U	190 U	240 U	130 U	96 U	170 U	2700	120 U	160 U
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	14 U	19 U	24 U	13 U	9.6 U	17 U	54	12 U	16 U
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	16 U	68	12 U	15 U
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	14 U	18 U	23 U	13 U	9.1 U	16 U	81	11 U	15 U
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	16 U	55	12 U	15 U
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	14 U	19 U	24 U	13 U	9.6 U	17 U	160	12 U	16 U
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	15 U	20 U	25 U	14 U	10 U	18 U	230 J	13 U	16 U
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	14.5 U	19 U	24 U	13.5 U	9.55 U	17 U	180	12 U	15.5 U
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	14 U	18 U	23 U	13 U	9.1 U	16 U	130 J	11 U	15 U
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	14 U	19 U	24 U	13 U	9.6 U	17 U	110	12 U	16 U
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U	95	11 U	12 U	15 U
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	16 U	28 J	12 U	15 U
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	74000 U	98000 U	12000 U	68000 U	49000 U	86000 U	3000000	62000 U	80000 U
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	7100 U	9500 U	12000 U	6500 U	4800 U	8300 U	130000	6000 U	7700 U
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	69000 U	93000 U	12000 U	640000 U	460000 U	810000 U	9400000	580000 U	750000 U
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	14 U	19 U	24 U	13 U	9.6 U	17 U	11 U	12 U	16 U
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U	16 U	32 J	11 U	15 U
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	16 U	10 U	12 U	15 U
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	14000 U	19000 U	23000 U	1300000 U	940000 U	1600000 U	7700000	1200000 U	150000 UJ
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	2800 U	3700 U	4700 U	2600 U	1900 U	3300 U	77000	2300 U	3000 UJ
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	29000 U	38000 U	48000 U	26000 U	19000 U	34000 U	450000	24000 U	31000 U
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	14 U	19 U	24 U	13 U	9.4 U	16 U	21 J	12 U	15 U
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	1500 U	2000 U	2500 U	1400 U	1000 U	1800 U	5400	1300 U	1700 U
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	29000 U	39000 U	48000 U	270000 U	190000 U	340000 U	2700000	240000 U	310000 U
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	2900 U	3900 U	4800 U	2700 U	1900 U	3400 U	18000 J	2400 U	3200 U
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	9450 U	12450 U	15400 U	8350 U	5950 U	10700 U	36500	7700 U	10100 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
					PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	150000	181200	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	31000	37285	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	34000	40230	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	37000	43175	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	220000	280700	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	70	127	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	120	179.55	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	490	797.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	1400000	1736500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	120000	132450	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	5300	6565	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	11000	12285	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	0.00 U	67.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	1700000	2043500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	56	118.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	680000	804500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	1200	1529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	140	205.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	63	128.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	960000	1276000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	110	171.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	18	78.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	69	129.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	14	76.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	400	465.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	1200	1503.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	3000	3617.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	3700	4323	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	5200	6420	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	540000	859000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	730000	1049000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	920000	1239000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	2700	3323	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	54	116.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	68	128.65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	81	140.55	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	55	115.65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	160	222.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	230	295.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	180	242.525	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	130	189.55	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	110	172.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	95	153.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	28	88.65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	3000000	3318500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	130000	160950	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	9400000	12430000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	0.00 U	67.8	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	32	91.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	0.00 U	65.65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	7700000	13770000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	77000	89150	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	450000	574500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	21	82.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	5400	12000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	2700000	3955000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	18000	30600	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	36500	76550	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE
					PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	0.89 U	0.41 U	0.91 U	0.75 U	0.75 U	--	0.74 U	0.75 U	0.69 U	0.41 U
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	0.92 U	0.42 U	0.94 U	12.8996	12.439	--	14	11 J	0.71 UJ	0.42 UJ
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	0.8 U	1.3 U	0.77 U	0.64 U	0.62 U	0.41 U	0.96 U	5.4 J	4.8 J	10.2	15.35
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	0.82 UJ	39	0.8 UJ	25	0.64 U	0.42 UJ	0.99 U	15	24	128	131.54
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214	POTASSIUM-40
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	3.94	2.88	3.76	7610	298	474	0.193 U	3.57	3.93	0.678	1.98 U	2.92	0.704	4.7
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	1.95 U	151	0.678	3.57	1.01	--	--	3.57	125	-2.56 U	--	4080
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	92.7	--	9.94	125	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-
					TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	21000 NJ	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	SILANOL, DIMETHYL(1,1,2-TRIMETHYLPROPYL)	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]	UNKNOWN [2.17]
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	UNKNOWN [3.57]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	44 U	24 U	22 U	--	38 U	31 U	27 U	34 U	720	92 U	12 U
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	4100 U	2200 U	2100 U	--	3500 U	2900 U	2500 U	3100 U	67000	8500 U	1100 U
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	3400	12 U	64 U	29 U	120 J	9 U	29 U	--	27 U	21 U	170 J	47 U
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	330000	1100 U	5900 U	2600 U	3000 J	830 U	2600 U	--	2500 U	1900 U	3800 J	4300 U
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	65 U	70 U	37 U	75 U	23 U	22 U	50 U	200 U	8.1 U	12 U
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	6000 U	6500 U	3400 U	7000 U	2200 U	2100 U	4600 U	19000 U	750 U	1100 U
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	63 U	34 U	55 U	46 U	50 U	16 U	12 U	18 U	46 U	32 U	43 U
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	5800 U	3100 U	5100 U	4200 U	4600 U	1500 U	1100 U	1700 U	4200 U	3000 U	4000 U
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	HEXANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	34 U	20 U	45 U	55 UJ	47 U	14 U	31 U	39 U	--	12 U	18 U	--
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	3100 U	1800 U	4100 U	5100 U	4300 U	1300 U	2900 U	3600 U	--	1100 U	1700 U	--
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-6-8	E-SB-1468	6	8	20160225	27 U	76 U	23 U	19 U	55 U	15 U	14 U	24 U	38 U	30 U	750 U	24 U
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-8-12	E-SB-1474	8	12	20160229	2500 U	7000 U	2200 U	1700 U	5100 U	1400 U	1300 U	2200 U	3500 U	2800 U	69000 U	2200 U
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
E-SB-1464-8-10	E-SB-1464	8	10	20160225	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1465-6-8	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1465-6-8-AVG	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1465-6-8-D	E-SB-1465	6	8	20160225	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1465-8-10	E-SB-1465	8	10	20160225	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1466-6-8	E-SB-1466	6	8	20160225	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1466-8-10	E-SB-1466	8	10	20160225	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1468-6-8	E-SB-1468	6	8	20160225	--	9 U	29 U	0 U	23 U	23 U	35 U	31 U	92 UJ	15 U	NORMAL
E-SB-1470-5-10	E-SB-1470	5	10	20160329	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1471-4-6	E-SB-1471	4	6	20160329	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1471-8-12	E-SB-1471	8	12	20160329	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1472-4-6	E-SB-1472	4	6	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1472-8-12	E-SB-1472	8	12	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1473-4-6	E-SB-1473	4	6	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1473-8-12	E-SB-1473	8	12	20160330	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1474-4-6	E-SB-1474	4	6	20160229	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1474-8-12	E-SB-1474	8	12	20160229	--	830 U	2600 U	0 U	2200 U	2200 U	3200 U	2900 U	8500 U	1400 U	NORMAL
E-SB-1475-4-6	E-SB-1475	4	6	20160329	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1475-8-12	E-SB-1475	8	12	20160329	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1476-4-6	E-SB-1476	4	6	20160329	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1476-8-12	E-SB-1476	8	12	20160329	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1477-2-3	E-SB-1477	2	3	20160307	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1477-3-4	E-SB-1477	3	4	20160307	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1478-2-3	E-SB-1478	2	3	20160307	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1478-3-4	E-SB-1478	3	4	20160307	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1494-2-4	E-SB-1494	2	4	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1494-4-6	E-SB-1494	4	6	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1494-6-8	E-SB-1494	6	8	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1494-8-10	E-SB-1494	8	10	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1495-2-4	E-SB-1495	2	4	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1495-4-6	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1495-4-6-AVG	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1495-4-6-D	E-SB-1495	4	6	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1495-6-8	E-SB-1495	6	8	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1496-2-4	E-SB-1496	2	4	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1496-4-6	E-SB-1496	4	6	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1496-6-8	E-SB-1496	6	8	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1497-2-4	E-SB-1497	2	4	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1497-4-6	E-SB-1497	4	6	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1497-6-8	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1497-6-8-AVG	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1497-6-8-D	E-SB-1497	6	8	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1498-2-4	E-SB-1498	2	4	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1498-4-6	E-SB-1498	4	6	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1498-6-8	E-SB-1498	6	8	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1499-2-4	E-SB-1499	2	4	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1499-4-6	E-SB-1499	4	6	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1499-6-8	E-SB-1499	6	8	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1500-2-4	E-SB-1500	2	4	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1500-4-6	E-SB-1500	4	6	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1500-6-8	E-SB-1500	6	8	20160331	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1501-2-4	E-SB-1501	2	4	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1501-4-6	E-SB-1501	4	6	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1501-6-8	E-SB-1501	6	8	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1502-2-4	E-SB-1502	2	4	20160307	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1502-4-6	E-SB-1502	4	6	20160307	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1502-6-8	E-SB-1502	6	8	20160307	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1502-8-10	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1502-8-10-AVG	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	NORMAL

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-233	URANIUM-234	URANIUM-235
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268
					PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	16000 U	21000 U	26000 U	14000 U	10000 U	18000 U	55000 J	13000 U	17000 U
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	14000 U	19000 U	24000 U	130000 U	96000 U	170000 U	860000	120000 U	160000 U
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	15000 U	20000 U	24000 U	1300000 U	980000 U	1700000 U	7000000	1200000 U	160000 U
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	14000 U	19000 U	24000 U	13000 U	9600 U	17000 U	78000	12000 U	16000 U
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U	17 U	89	12 U	15 U
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	290 U	380 U	480 U	260 U	190 U	340 U	5100	240 U	310 U
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	70 U	94 U	120 U	64 U	47 U	82 U	1600	58 U	76 U
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U	17 U	28 J	12 U	15 U
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U	17 U	140	12 U	15 U
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	14000 U	18000 U	23000 U	130000 U	92000 U	160000 U	6500000	120000 U	150000 U
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	14 U	19 U	24 U	13 U	9.4 U	16 U	44 J	12 U	15 U
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	14 U	19 U	23.5 U	13 U	9.4 U	16 U	33.5	12 U	15 U
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	14 U	19 U	23 U	13 U	9.4 U	16 U	23 J	12 U	15 U
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	14 U	18 U	23 U	12 U	9.1 U	16 U	44	11 U	15 U
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	14 U	19 U	23 U	13 U	9.4 U	16 U	11 U	12 U	15 U
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	6900 U	9300 U	12000 U	6400 U	4600 U	8100 U	110000	5800 U	7500 U
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	68000 U	90000 U	11000 U	62000 U	45000 U	79000 U	1300000	56000 U	73000 U
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	690 U	930 U	1200 U	640 U	460 U	810 U	13000	580 U	750 U
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	14 U	19 U	24 U	13 U	9.4 U	16 U	80	12 U	15 U
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	72 U	96 U	120 U	66 U	48 U	84 U	540	60 U	78 U
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	76 U	100 U	130 U	69 U	50 U	88 U	290	63 U	82 U
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	14 U	19 U	24 U	13 U	9.4 U	17 U	53	12 U	15 U
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	14 U	19 U	23 U	13 U	9.4 U	16 U	11 U	12 U	15 U
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	15 U	19 U	24 U	13 U	9.7 U	17 U	11 U	12 U	16 U
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	15 U	19 U	24 U	13 U	9.7 U	17 U	11 U	12 U	16 U
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	15 U	19 U	24 U	13 U	9.7 U	17 U	11 U	12 U	16 UJ
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	15 U	20 U	25 U	14 U	10 U	17 U	800	12 U	16 U
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U	16 U	140 J	12 U	15 U
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	14.5 U	18.5 U	23.5 U	13 U	9.45 U	16.5 U	210	12 U	15.5 U
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	15 U	19 U	24 U	13 U	9.7 U	17 U	280 J	12 U	16 U
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	15 U	20 U	24 U	13 U	9.8 U	17 U	120	12 U	16 U
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	16 U	120	12 U	15 U
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	15 U	19 U	24 U	13 U	9.7 U	17 U	11 U	12 U	16 UJ
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	70 U	93 U	120 U	64 U	47 U	82 U	850	58 U	76 UJ
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U	16 U	10 U	12 U	15 UJ
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	14 U	18 U	23 U	13 U	9.1 U	16 U	10 U	11 U	15 U
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	15 U	20 U	25 U	14 U	10 U	18 U	11 J	13 U	17 U
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	15 U	20 U	25 U	14 U	9.95 U	17.5 U	8.25	12.5 U	16.5 U
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	15 U	20 U	25 U	14 U	9.9 U	17 U	11 U	12 U	16 U
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	15 U	20 U	25 U	14 U	10 U	18 U	11 U	13 U	17 U
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U	17 U	11 U	12 U	15 U
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	16 U	23 J	12 U	15 U
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	16 U	45	12 U	15 U
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	14000 U	19000 U	24000 U	13000 U	9500 U	17000 U	240000 J	12000 U	15000 U
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	77000 U	10450 U	12700 U	71500 U	51250 U	88500 U	920000	66000 U	82500 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
					PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	55000	122500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	860000	1483000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	7000000	13340000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	78000	140300	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	89	150.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	5100	6345	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	1600	1905.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	28	89.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	140	201.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	6500000	7101000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	44	105.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	33.5	94.45	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	23	83.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	44	103.05	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	0.00 U	66.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	110000	140300	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	1300000	1591500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	13000	16030	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	80	141.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	540	852	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	290	619	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	53	114.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	0.00 U	66.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	0.00 U	68.35	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	0 U	68.35	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	0.00 U	68.35	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	800	864.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	140	200.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	210	271.475	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	280	342.85	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	120	183.4	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	120	180.65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	0.00 U	68.35	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	850	1155	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	0.00 U	65.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	0.00 U	64.55	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	11	77	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	5.5	73.475	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	0.00 U	69.95	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	0.00 U	71.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	0.00 U	67.25	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	23	83.65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	45	105.65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	240000	301750	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	920000	1254125	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE
					PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214	POTASSIUM-40
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-
					TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	1700 NJ	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	7500 NJ	--	--	--	58000 NJ	760 NJ	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	8400 NJ	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	SILANOL, DIMETHYL(1,1,2-TRIMETHYLPROPYL)	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]	UNKNOWN [2.17]
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	--	--	--	--	--	--	--	820 NJ	--	--	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	UNKNOWN [3.57]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	0.42 U	0.55 U	0.26 U	--	0.35 U	0.29 U	0.67 U	0.31 U	0.42 U	0.65 U	0.39 U
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	0.37 U	0.48 U	0.23 U	--	0.31 U	0.25 U	0.59 U	0.27 U	0.37 U	0.57 U	0.34 U
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	40 U	22 U	21 U	--	35 U	29 U	25 U	31 U	32 U	85 U	11 U
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	0.41 U	0.53 U	0.25 U	--	0.34 U	0.28 U	0.66 U	0.3 U	0.41 U	0.64 U	0.38 U
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	150 U	81 U	75 U	--	130 U	110 U	90 U	110 U	120 U	310 U	39 U
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	0.46 U	0.6 U	0.29 U	--	3.4 J	0.31 U	0.74 U	0.34 U	0.46 U	0.72 U	0.43 U
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	0.47 U	0.62 U	0.29 U	--	2.6 J	0.32 U	0.76 U	0.35 U	0.47 U	0.74 U	0.44 U
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	23.735 U	13.31 U	12.145 U	--	2.6 J	17.16 U	14.88 U	18.675 U	19.235 U	49.87 U	6.72 U
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	47 U	26 U	24 U	--	40 U	34 U	29 U	37 U	38 U	99 U	13 U
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	48 U	26 U	24 U	--	41 U	34 U	29 U	37 U	38 U	100 U	13 U
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	40 U	22 U	20 U	--	34 U	28 U	24 U	31 U	32 U	83 U	11 U
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	0.41 U	0.53 U	0.25 U	--	1.6 J	0.28 U	0.65 U	0.3 U	0.41 U	0.63 U	0.37 U
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	0.46 U	0.59 U	0.28 U	--	0.38 U	0.31 U	0.73 U	0.34 U	0.46 U	0.71 U	0.42 U
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	0.41 U	0.53 U	0.25 U	--	0.34 U	0.28 U	0.65 U	0.3 U	0.41 U	0.64 U	0.37 U
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	0.32 U	0.49 U	2.3 U	0.44 U	0.29 U	0.39 U	0.12 U	--	0.58 U	0.34 U	0.23 U	0.37 U
E-SB-1512-4-6	E-SB-1512	4	6	20160302	0.28 U	0.42 U	2 U	0.39 U	0.25 U	0.34 U	0.1 U	--	0.5 U	0.29 U	0.2 U	0.32 U
E-SB-1513-2-4	E-SB-1513	2	4	20160302	25 U	11 U	58 U	26 U	16 U	8.2 U	26 U	--	25 U	19 U	34 U	43 U
E-SB-1513-4-6	E-SB-1513	4	6	20160302	0.31 U	0.48 U	2.2 U	0.43 U	0.28 U	0.38 U	0.11 U	--	0.57 U	0.33 U	0.23 U	0.36 U
E-SB-1514-2-4	E-SB-1514	2	4	20160302	90 U	39 U	210 U	96 U	57 U	30 U	96 U	--	90 U	69 U	120 U	160 U
E-SB-1514-4-6	E-SB-1514	4	6	20160302	0.35 U	0.54 U	2.5 U	0.49 U	0.31 U	0.43 U	0.13 U	--	0.64 U	0.37 U	0.29 J	0.41 U
E-SB-1515-2-4	E-SB-1515	2	4	20160302	0.36 U	0.55 U	2.6 U	0.5 U	0.32 U	0.44 U	0.13 U	--	0.65 U	0.38 U	0.26 U	0.42 U
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	14.68 U	6.775 U	35.3 U	15.75 U	9.16 U	5.02 U	15.565 U	--	14.825 U	11.19 U	19.63 U	25.21 U
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	29 U	13 U	68 U	31 U	18 U	9.6 U	31 U	--	29 U	22 U	39 U	50 U
E-SB-1515-4-6	E-SB-1515	4	6	20160302	29 U	13 U	69 U	31 U	19 U	9.7 U	31 U	--	29 U	22 U	40 U	51 U
E-SB-1516-3-4	E-SB-1516	3	4	20160302	24 U	11 U	57 U	26 U	15 U	8.1 U	26 U	--	24 U	19 U	33 U	42 U
E-SB-1516-4-6	E-SB-1516	4	6	20160302	0.31 U	0.47 U	2.2 U	0.43 U	0.28 U	0.37 U	0.11 U	--	0.56 U	0.32 U	0.23 U	0.36 U
E-SB-1517-3-4	E-SB-1517	3	4	20160302	0.35 U	0.53 U	2.5 U	0.48 U	0.31 U	0.42 U	0.13 U	--	0.63 U	0.36 U	0.26 U	0.4 U
E-SB-1517-4-6	E-SB-1517	4	6	20160302	0.31 U	0.47 U	2.2 U	0.43 U	0.28 U	0.37 U	0.11 U	--	0.56 U	0.33 U	0.23 U	0.36 U
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	0.94 U	0.54 UJ	0.25 U	0.57 U	0.22 U	0.34 U	1 U	4.8 U	0.76 U	0.28 U
E-SB-1512-4-6	E-SB-1512	4	6	20160302	4.5 J	0.47 U	0.22 U	0.5 U	0.19 U	0.3 U	0.89 U	38	0.66 U	0.24 U
E-SB-1513-2-4	E-SB-1513	2	4	20160302	60 U	64 U	34 U	69 U	21 U	21 U	46 U	190 U	7.4 U	11 U
E-SB-1513-4-6	E-SB-1513	4	6	20160302	0.92 U	0.52 UJ	0.25 U	0.56 U	0.21 U	0.34 U	1 U	4.7 U	0.74 U	0.27 U
E-SB-1514-2-4	E-SB-1514	2	4	20160302	220 U	230 U	120 U	250 U	78 U	1300	170 U	680 U	27 U	39 U
E-SB-1514-4-6	E-SB-1514	4	6	20160302	1 U	0.59 U	0.28 U	0.63 U	0.24 U	0.38 U	1.1 U	7.9 J	0.83 U	0.31 U
E-SB-1515-2-4	E-SB-1515	2	4	20160302	1.1 U	0.61 U	0.28 U	0.64 U	0.25 U	0.39 U	1.2 U	20	0.85 U	0.31 U
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	35.55 U	37.805 U	19.64 U	40.82 U	12.625 U	12.195 U	27.6 U	20	4.775 U	6.655 U
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	70 U	75 U	39 U	81 U	25 U	24 U	54 U	220 U	8.7 U	13 U
E-SB-1515-4-6	E-SB-1515	4	6	20160302	71 U	76 U	40 U	82 U	25 U	24 U	55 U	220 U	8.8 U	13 U
E-SB-1516-3-4	E-SB-1516	3	4	20160302	59 U	63 U	33 U	68 U	21 U	20 U	45 U	180 U	7.3 U	11 U
E-SB-1516-4-6	E-SB-1516	4	6	20160302	1.5 J	0.52 U	0.24 U	0.55 U	0.21 U	0.33 U	0.99 U	16	0.73 U	0.27 U
E-SB-1517-3-4	E-SB-1517	3	4	20160302	1.3 J	0.58 UJ	0.27 U	0.62 U	0.24 U	0.37 U	1.1 U	23	0.82 U	0.3 U
E-SB-1517-4-6	E-SB-1517	4	6	20160302	0.91 U	0.52 UJ	0.24 U	0.55 U	0.21 U	0.33 U	0.99 U	4.6 U	0.73 U	0.27 U
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	0.28 U	0.24 U	0.2 U	0.35 U	0.49 UJ	0.55 U	0.44 U	0.31 U	0.37 U	0.3 U	0.66 U
E-SB-1512-4-6	E-SB-1512	4	6	20160302	0.24 U	0.21 U	0.18 U	0.31 U	0.63 J	0.48 U	0.39 U	0.27 U	0.32 U	0.26 U	0.58 U
E-SB-1513-2-4	E-SB-1513	2	4	20160302	58 U	31 U	50 U	42 U	46 UJ	15 U	11 U	16 U	42 U	30 U	40 U
E-SB-1513-4-6	E-SB-1513	4	6	20160302	0.27 U	0.24 U	0.2 U	0.34 U	0.48 UJ	0.53 U	0.43 U	0.3 U	0.36 U	0.29 U	0.65 U
E-SB-1514-2-4	E-SB-1514	2	4	20160302	210 U	110 U	180 U	150 U	170 U	54 U	39 U	60 U	150 U	110 U	140 U
E-SB-1514-4-6	E-SB-1514	4	6	20160302	0.31 U	0.27 U	0.22 U	0.39 U	0.55 U	0.6 U	0.49 U	0.34 U	0.41 U	0.33 U	0.73 U
E-SB-1515-2-4	E-SB-1515	2	4	20160302	0.31 U	0.27 U	0.23 U	0.4 U	0.56 U	0.62 U	0.5 U	0.35 U	0.42 U	0.34 U	0.75 U
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	33.655 U	18.635 U	29.615 U	24.7 U	27.28 U	8.81 U	6.75 U	9.675 U	24.71 U	17.67 U	23.375 U
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	67 U	37 U	59 U	49 UJ	54 U	17 U	13 U	19 U	49 U	35 U	46 U
E-SB-1515-4-6	E-SB-1515	4	6	20160302	68 U	37 U	59 U	50 UJ	55 U	18 U	13 U	19 U	50 U	35 U	47 U
E-SB-1516-3-4	E-SB-1516	3	4	20160302	57 U	31 U	49 U	41 U	45 U	15 U	11 U	16 U	41 U	29 U	39 U
E-SB-1516-4-6	E-SB-1516	4	6	20160302	0.27 U	0.23 U	0.19 U	0.34 U	0.48 UJ	0.53 U	0.43 U	0.3 U	0.36 U	0.29 U	0.64 U
E-SB-1517-3-4	E-SB-1517	3	4	20160302	0.3 U	0.26 U	0.22 U	0.38 U	0.54 UJ	0.59 U	0.48 U	0.34 U	0.4 U	0.33 U	0.72 U
E-SB-1517-4-6	E-SB-1517	4	6	20160302	0.27 U	0.24 U	0.2 U	0.34 U	0.48 UJ	0.53 U	0.43 U	0.3 U	0.36 U	0.29 U	0.64 U
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	HEXANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	3.7 J	0.6 U	0.35 U	0.23 U	0.49 U	0.34 U	0.27 U	0.34 U	--	0.17 U	0.35 U	--
E-SB-1512-4-6	E-SB-1512	4	6	20160302	7.7	0.52 U	0.31 U	0.2 U	0.43 U	0.3 U	0.23 U	0.29 U	--	0.15 U	0.45 J	--
E-SB-1513-2-4	E-SB-1513	2	4	20160302	490	18 U	41 U	50 U	43 U	13 U	29 U	36 U	--	11 U	16 U	--
E-SB-1513-4-6	E-SB-1513	4	6	20160302	79	0.58 U	0.34 U	0.23 U	0.48 U	0.34 U	0.26 U	0.33 U	--	0.16 U	0.34 U	--
E-SB-1514-2-4	E-SB-1514	2	4	20160302	16000	66 U	150 U	180 U	160 U	48 U	110 U	130 U	--	39 U	60 U	--
E-SB-1514-4-6	E-SB-1514	4	6	20160302	130	0.66 U	0.39 U	0.26 U	0.55 U	0.38 U	0.3 U	0.37 U	--	0.19 U	0.39 U	--
E-SB-1515-2-4	E-SB-1515	2	4	20160302	470 J	0.67 U	0.4 U	0.26 U	0.56 U	0.39 U	0.3 U	0.38 U	--	0.19 U	0.4 U	--
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	575	10.835 U	24.2 U	29.63 U	25.28 U	7.695 U	17.15 U	21.19 U	--	6.595 U	9.7 U	--
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	680	21 U	48 U	59 U	50 U	15 U	34 U	42 U	--	13 U	19 U	--
E-SB-1515-4-6	E-SB-1515	4	6	20160302	590 J	21 U	49 U	59 U	51 U	16 U	34 U	43 U	--	13 U	19 U	--
E-SB-1516-3-4	E-SB-1516	3	4	20160302	180 J	18 U	40 U	49 U	42 U	13 U	28 U	36 U	--	11 U	16 U	--
E-SB-1516-4-6	E-SB-1516	4	6	20160302	64	0.58 U	0.34 U	0.23 J	0.48 U	0.33 U	0.26 U	0.32 U	--	0.16 U	0.34 U	--
E-SB-1517-3-4	E-SB-1517	3	4	20160302	1 J	0.65 U	0.38 U	0.26 U	0.54 U	0.37 U	0.29 U	0.36 U	--	0.18 U	0.38 U	--
E-SB-1517-4-6	E-SB-1517	4	6	20160302	0.47 J	0.58 U	0.34 U	0.23 U	0.48 U	0.33 U	0.26 U	0.33 U	--	0.16 U	0.34 U	--
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1512-3-4	E-SB-1512	3	4	20160302	0.36 U	0.62 U	0.29 U	0.49 U	0.5 U	0.48 U	0.76 U	0.34 U	0.36 U	0.56 U	4.8 U	0.67 U
E-SB-1512-4-6	E-SB-1512	4	6	20160302	0.31 U	0.54 U	0.26 U	0.43 U	0.44 U	0.42 U	0.67 U	0.29 U	0.31 U	0.49 U	4.2 U	0.59 U
E-SB-1513-2-4	E-SB-1513	2	4	20160302	25 U	70 U	21 U	17 U	50 U	14 U	13 U	22 U	35 U	28 U	690 U	22 U
E-SB-1513-4-6	E-SB-1513	4	6	20160302	0.35 U	0.61 U	0.29 U	0.48 U	0.49 U	0.47 U	0.75 U	0.33 U	0.35 U	0.55 U	4.7 U	0.66 U
E-SB-1514-2-4	E-SB-1514	2	4	20160302	90 U	260 U	78 U	63 U	180 U	51 U	48 U	81 U	130 U	100 U	2500 U	81 U
E-SB-1514-4-6	E-SB-1514	4	6	20160302	0.4 U	0.68 U	0.32 U	0.55 U	0.56 U	0.53 U	0.84 U	0.37 U	0.4 U	0.62 U	5.3 U	0.74 U
E-SB-1515-2-4	E-SB-1515	2	4	20160302	0.41 U	0.7 UJ	0.33 U	0.56 U	0.57 U	0.54 U	0.86 U	0.38 U	0.41 U	0.63 U	5.4 U	0.76 U
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	14.705 U	43.675	12.665 U	10.28 U	29.785 U	8.27 U	7.93 U	13.19 U	20.205 U	16.815 U	407.7 U	13.38 U
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	29 U	87 J	25 U	20 U	59 U	16 U	15 U	26 U	40 U	33 U	810 U	26 U
E-SB-1515-4-6	E-SB-1515	4	6	20160302	29 U	83 U	25 U	20 U	59 U	17 U	16 U	26 U	41 U	33 U	820 U	26 U
E-SB-1516-3-4	E-SB-1516	3	4	20160302	24 U	69 U	21 U	17 U	49 U	14 U	13 U	22 U	34 U	27 U	680 U	22 U
E-SB-1516-4-6	E-SB-1516	4	6	20160302	0.35 U	0.6 U	0.28 U	0.48 U	0.49 U	0.46 U	0.74 U	0.32 U	0.35 U	0.54 U	4.6 U	0.65 U
E-SB-1517-3-4	E-SB-1517	3	4	20160302	0.39 U	0.67 U	0.32 U	0.54 U	0.55 U	0.52 U	0.83 U	0.36 U	0.39 U	0.61 U	5.2 U	0.73 U
E-SB-1517-4-6	E-SB-1517	4	6	20160302	0.35 U	0.6 U	0.28 U	0.48 U	0.49 U	0.46 U	0.74 U	0.33 U	0.35 U	0.55 U	4.6 U	0.65 U
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
E-SB-1502-8-10-D	E-SB-1502	8	10	20160307	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1503-2-4	E-SB-1503	2	4	20160307	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1503-4-6	E-SB-1503	4	6	20160307	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1503-6-8	E-SB-1503	6	8	20160307	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1504-2-4	E-SB-1504	2	4	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1504-4-6	E-SB-1504	4	6	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1504-6-8	E-SB-1504	6	8	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1505-2-4	E-SB-1505	2	4	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1505-4-6	E-SB-1505	4	6	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1505-6-8	E-SB-1505	6	8	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1506-2-4	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1506-2-4-AVG	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1506-2-4-D	E-SB-1506	2	4	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1506-4-6	E-SB-1506	4	6	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1506-6-8	E-SB-1506	6	8	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1507-2-4	E-SB-1507	2	4	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1507-4-6	E-SB-1507	4	6	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1507-6-8	E-SB-1507	6	8	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1508-2-4	E-SB-1508	2	4	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1508-4-6	E-SB-1508	4	6	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1508-6-8	E-SB-1508	6	8	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1509-2-4	E-SB-1509	2	4	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1509-4-6	E-SB-1509	4	6	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1509-6-8	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1509-6-8-AVG	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1509-6-8-D	E-SB-1509	6	8	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1510-2-4	E-SB-1510	2	4	20160307	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1510-4-6	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1510-4-6-AVG	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1510-4-6-D	E-SB-1510	4	6	20160307	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1510-6-8	E-SB-1510	6	8	20160307	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1510-8-10	E-SB-1510	8	10	20160307	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1511-2-4	E-SB-1511	2	4	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1511-4-6	E-SB-1511	4	6	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1511-6-8	E-SB-1511	6	8	20160304	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1512-3-4	E-SB-1512	3	4	20160302	--	0.23 U	0.45 U	0 U	0.27 U	0.24 U	1.9 J	0.24 U	0.55 U	0.25 U	NORMAL
E-SB-1512-4-6	E-SB-1512	4	6	20160302	--	0.28 J	0.45 J	0.45	0.47 J	0.21 U	5.4	0.21 U	0.48 U	0.22 U	NORMAL
E-SB-1513-2-4	E-SB-1513	2	4	20160302	--	8.2 U	26 U	0 U	21 U	21 U	310	29 U	85 U	14 U	NORMAL
E-SB-1513-4-6	E-SB-1513	4	6	20160302	--	0.22 U	0.44 U	0 U	0.32 J	0.24 U	86	0.24 U	0.54 U	0.25 U	NORMAL
E-SB-1514-2-4	E-SB-1514	2	4	20160302	--	53 U	96 U	0 U	140 J	78 U	120 U	110 U	310 U	51 U	NORMAL
E-SB-1514-4-6	E-SB-1514	4	6	20160302	--	0.25 U	0.5 U	0 U	0.63 J	0.27 U	180 J	0.27 U	0.61 U	1.3 J	NORMAL
E-SB-1515-2-4	E-SB-1515	2	4	20160302	--	0.26 U	0.51 U	0 U	2 J	0.27 U	400 J	0.27 U	0.62 U	2.1 J	NORMAL
E-SB-1515-2-4-AVG	E-SB-1515	2	4	20160302	--	4.93 U	15.755 U	0 U	2 J	12.63 U	460	17.13 U	49.81 U	2.1 J	NORMAL
E-SB-1515-2-4-D	E-SB-1515	2	4	20160302	--	9.6 U	31 U	0 U	25 U	25 U	520	34 U	99 U	16 U	NORMAL
E-SB-1515-4-6	E-SB-1515	4	6	20160302	--	11 U	31 U	0 U	25 U	25 U	780 J	34 U	100 U	17 U	NORMAL
E-SB-1516-3-4	E-SB-1516	3	4	20160302	--	8.1 U	26 U	0 U	48 J	21 U	740	28 U	83 U	14 U	NORMAL
E-SB-1516-4-6	E-SB-1516	4	6	20160302	--	0.22 U	0.44 U	0 U	15	0.23 U	160	0.23 U	0.53 U	0.7 J	NORMAL
E-SB-1517-3-4	E-SB-1517	3	4	20160302	--	0.25 U	0.49 U	0 U	0.29 U	0.26 U	1.5 J	0.26 U	0.6 U	0.27 U	NORMAL
E-SB-1517-4-6	E-SB-1517	4	6	20160302	--	0.22 U	0.44 U	0 U	0.26 U	0.24 U	0.49 J	0.24 U	0.54 U	0.24 U	NORMAL
E-SB-1530-2-4	E-SB-1530	2	4	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1530-4-6	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1530-4-6-AVG	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1530-4-6-D	E-SB-1530	4	6	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1530-6-8	E-SB-1530	6	8	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1530-8-10	E-SB-1530	8	10	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1531-2-4	E-SB-1531	2	4	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1531-4-6	E-SB-1531	4	6	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1531-6-8	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1531-6-8-AVG	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C1-FLUORANTHENES/PYRENES ALKYLATED PAHS (UG/KG)	C1-FLUORENES ALKYLATED PAHS (UG/KG)	C1-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	C2-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C2-FLUORENES ALKYLATED PAHS (UG/KG)	C2-NAPHTHALENES ALKYLATED PAHS (UG/KG)	C2-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	C3-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C3-FLUORENES ALKYLATED PAHS (UG/KG)	C3-NAPHTHALENES ALKYLATED PAHS (UG/KG)	C3-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	C4-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C4-NAPHTHALENES ALKYLATED PAHS (UG/KG)	C4-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	ANTIMONY METALS (MG/KG)	ARSENIC METALS (MG/KG)	BARIUM METALS (MG/KG)	BERYLLIUM METALS (MG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-233	URANIUM-234	URANIUM-235
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.012 U	0.012 U	0.018 J
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.012 U	0.012 U	0.012 U
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.012 U	0.012 U	0.012 U
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 J	1.1

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	0.01 U	0.55	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	0.012 U	2.3	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	0.01 U	1.2	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	0.01 U	0.5 J	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	0.011 U	0.32 J	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	0.011 U	0.355	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	0.012 U	0.39	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	0.012 U	0.4 J	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	0.011 U	0.81 J	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	0.011 U	1.1 J	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	0.011 U	0.58 J	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	0.011 U	0.34 J	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	0.01 U	0.38 J	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	0.011 U	24	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268
					PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	14000 U	19000 U	23000 U	130000 U	93000 U	160000 U	1600000 J	120000 U	150000 U
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	1400 U	1900 U	2300 U	1300 U	930 U	1600 U	15000	1200 U	1500 U
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	13 U	18 U	22 U	12 U	9 U	16 U	26 J	11 U	15 U
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U	16 U	20 J	12 U	15 U
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U	16 U	10 U	11 U	15 U
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	14 U	19 U	23 U	13 U	9.4 U	16 U	23 J	12 U	15 U
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	14 U	18 U	23 U	13 U	9.1 U	16 U	11 J	11 U	15 U
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U	16 U	140	11 U	15 U
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U	16 U	350	12 U	15 U
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	70 U	93 U	120 U	64 U	47 U	82 U	420	58 U	76 U
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U	17 U	11 U	12 U	15 U
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	14 U	19 U	24 U	13 U	9.6 U	17 U	11 U	12 U	16 U
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U	16 U	10 U	11 U	15 U
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	14 U	19 U	24 U	13 U	9.6 U	17 U	11 U	12 U	16 U
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	14 U	19 U	23 U	13 U	9.4 U	16 U	21 J	12 U	15 U
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	14 U	19 U	24 U	13 U	9.6 U	17 U	11 U	12 U	16 U
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U	9.3 U	23 U
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U	17 U	22 U	9.6 U	24 U
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	30 U	28 U	20 U	25 U	21 U	17 U	22 U	9.9 U	25 U
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U	17 U	21 U	9.5 U	24 U
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	30 U	29 U	20 U	25 U	21 U	17 U	140	10 U	25 U
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U	17 U	22 U	9.6 U	24 U
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	28 U	26 U	18 U	23 U	19 U	16 U	21 U	9.2 U	23 U
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	30 U	29 U	20 U	25 U	21 U	17 U	22 U	10 U	25 U
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U	17 U	22 U	9.6 U	24 U
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	29 U	28 U	20 U	24 U	21 U	17 U	22 U	9.8 U	24 U
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	29 U	28 U	20 U	24 U	21 U	17 U	22 U	9.8 U	24 U
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	29 U	28 U	20 U	25 U	21 U	17 U	22 U	9.8 U	25 U
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U	9.3 U	23 U
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U	9.4 U	23 U
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	21 U	9.5 U	24 U
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	29 U	28 U	20 U	25 U	21 U	17 U	22 U	9.8 U	25 U
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	21 U	9.4 U	24 U
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U	17 U	21 U	9.5 U	24 U
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	21 U	9.4 U	24 U
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	21 U	9.5 U	24 U
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U	9.3 U	23 U
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	30 U	28 U	20 U	25 U	21 U	17 U	29 J	9.8 U	25 U
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U	9.3 U	23 U
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U	9.3 U	23 U
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U	16 U	21 U	9.2 U	23 U
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	20 U	9 U	23 U
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	30 U	29 U	20 U	25 U	21 U	17 U	22 U	9.9 U	25 U
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U	17 U	250	9.6 U	24 U
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	20 U	9.1 U	23 U
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	30 U	28 U	20 U	25 U	21 U	17 U	22 U	9.9 U	25 U
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U	9.4 U	23 U
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	20 U	9.1 U	23 U
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U	16 U	21 U	9.2 U	23 U
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	56000 U	54000 U	38000 U	47000 U	40000 U	33000 U	2200000 J	19000 U	47000 U
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	42500 U	41000 U	29000 U	36000 U	30500 U	25000 U	1365000	14400 U	36000 U
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	29000 U	28000 U	20000 U	25000 U	21000 U	17000 U	530000 J	9800 U	25000 U
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	290 U	270 U	190 U	240 U	200 U	170 U	7900	95 U	240 U
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U	16 U	23 J	9.2 U	23 U
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	29000 U	28000 U	19000 U	24000 U	21000 U	17000 U	910000	9700 U	24000 U
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	16000 U	15000 U	10000 U	130000 U	110000 U	91000 U	7500000	52000 U	130000 U
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U	17 U	480	9.6 U	24 U
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	140 U	130 U	94 U	120 U	100 U	82 U	4400	47 U	120 U
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	580 U	550 U	380 U	480 U	410 U	340 U	16000	190 U	480 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
					PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	1600000	2206500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	15000	21065	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	26	84	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	20	80.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	0.00 U	64.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	23	83.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	11	70.55	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	140	199.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	350	410.65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	420	725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	0.00 U	67.25	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	0.00 U	67.8	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	0.00 U	64.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	0.00 U	67.8	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	21	81.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	0.00 U	67.8	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	0 U	93.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	0 U	96.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	0 U	98.95	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	0 U	95.25	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	140	228.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	0 U	95.8	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	0 U	91.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	0 U	99.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	0 U	96.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	0 U	97.4	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	0 U	97.4	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	0 U	98.4	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	0 U	93.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	0 U	93.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	0 U	94.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	0 U	98.4	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	0 U	94.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	0 U	95.25	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	0 U	94.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	0 U	94.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	0 U	93.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	29	116.9	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	0 U	93.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	0 U	93.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	0 U	92.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	0 U	90.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	0 U	99.45	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	250	335.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	0 U	90.55	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	0 U	98.95	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	0 U	93.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	0 U	90.55	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	0 U	92.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	2200000	2367000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	1365000	1492200	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	530000	617400	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	7900	8747.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	23	105.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	910000	995850	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	7500000	7961500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	480	565.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	4400	4816.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	16000	17705	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE
					PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214	POTASSIUM-40
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	0.195	0.318 J	0.269	--	-0.638 U	--	0.837 U
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	0.343	0.854 J	0.521	--	-0.379 U	--	2.78 U
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	0.695	0.856 J	0.658	--	0.603 U	--	1.28 U
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	1.36	0.934 J	1.32	--	0.415 U	--	-0.0191 U
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	0.616	0.707 J	0.83	--	0.563 U	--	-0.151 U
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	0.7435	0.668	0.8735	--	1.3965 U	--	0.127 U
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	0.871	0.629 J	0.917	--	2.23 U	--	0.405 U
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	1.16	1.04 J	1.26	--	0.741 U	--	-0.355 U
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	1.02	0.919 J	1.07	--	0.833 U	--	-0.279 U
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	0.934	0.825 J	0.799	--	0.778 U	--	0.175 U
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	0.521	0.548 J	0.559	--	0.721 U	--	0.361 U
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	1.14	0.778 J	1.2	--	1.17 U	--	-0.497 U
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	1.15	0.79 J	1.3	--	1.3 U	--	0.286 U
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	1.1	0.985 J	0.949	--	1.54 U	--	71.2

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	0.00953 U	--	-0.00273 U	0.183	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	0.0393	--	0.00324 U	0.783	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	0.0198 U	--	0.00444 U	0.391	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	0.00816 U	--	-0.00735 U	0.168 J	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	0.0056 U	--	-0.00392 U	0.109 J	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	0.00603 U	--	0.001005 U	0.1195	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	0.00646 U	--	0.00593 U	0.13	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	0.00624 U	--	0.00211 U	0.133 J	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	0.0135 U	--	-0.00181 U	0.272 J	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	0.0221 U	--	0.00472 U	0.365 J	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	0.0118 U	--	-0.00152 U	0.195 J	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	0.00607 U	--	-0.0022 U	0.115 J	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	0.00628 U	--	-0.00257 U	0.128 J	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	2.34	--	0.195	7.97	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-
					TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	SILANOL, DIMETHYL(1,1,2-TRIMETHYLPROPYL)	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]	UNKNOWN [2.17]
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	UNKNOWN [3.57]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	HEXANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
E-SB-1531-6-8-D	E-SB-1531	6	8	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1531-8-10	E-SB-1531	8	10	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1532-2-4	E-SB-1532	2	4	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1532-4-6	E-SB-1532	4	6	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1532-6-8	E-SB-1532	6	8	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1532-8-10	E-SB-1532	8	10	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1533-2-4	E-SB-1533	2	4	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1533-4-6	E-SB-1533	4	6	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1533-6-8	E-SB-1533	6	8	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1533-8-10	E-SB-1533	8	10	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1534-2-4	E-SB-1534	2	4	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1534-4-6	E-SB-1534	4	6	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1534-6-8	E-SB-1534	6	8	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1535-2-4	E-SB-1535	2	4	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1535-4-6	E-SB-1535	4	6	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1535-6-8	E-SB-1535	6	8	20160303	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1536-2-4	E-SB-1536	2	4	20170209	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1536-4-6	E-SB-1536	4	6	20170209	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1536-6-8	E-SB-1536	6	8	20170209	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1536-8-10	E-SB-1536	8	10	20170209	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1537-2-4	E-SB-1537	2	4	20170209	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1537-4-6	E-SB-1537	4	6	20170209	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1537-6-8	E-SB-1537	6	8	20170209	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1537-8-10	E-SB-1537	8	10	20170209	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1538-2-4	E-SB-1538	2	4	20170209	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1538-4-6	E-SB-1538	4	6	20170209	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1538-6-8	E-SB-1538	6	8	20170209	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1538-8-10	E-SB-1538	8	10	20170209	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1539-2-4	E-SB-1539	2	4	20170210	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1539-4-6	E-SB-1539	4	6	20170210	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1539-6-8	E-SB-1539	6	8	20170210	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1539-8-10	E-SB-1539	8	10	20170210	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1540-2-4	E-SB-1540	2	4	20170210	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1540-4-6	E-SB-1540	4	6	20170210	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1540-6-8	E-SB-1540	6	8	20170210	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1540-8-10	E-SB-1540	8	10	20170210	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1541-2-4	E-SB-1541	2	4	20170209	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1541-4-6	E-SB-1541	4	6	20170209	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1541-6-8	E-SB-1541	6	8	20170209	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1541-8-10	E-SB-1541	8	10	20170209	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1542-2-4	E-SB-1542	2	4	20170209	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1542-4-6	E-SB-1542	4	6	20170209	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1542-6-8	E-SB-1542	6	8	20170209	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1542-8-10	E-SB-1542	8	10	20170209	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1543-2-4	E-SB-1543	2	4	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1543-4-6	E-SB-1543	4	6	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1543-6-8	E-SB-1543	6	8	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1543-8-10	E-SB-1543	8	10	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1544-2-4	E-SB-1544	2	4	20170109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1544-4-6	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1544-4-6-AVG	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1544-4-6-D	E-SB-1544	4	6	20170109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1544-6-8	E-SB-1544	6	8	20170109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1544-8-10	E-SB-1544	8	10	20170109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1545-2-4	E-SB-1545	2	4	20170109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1545-4-6	E-SB-1545	4	6	20170109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1545-6-8	E-SB-1545	6	8	20170109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1545-8-10	E-SB-1545	8	10	20170109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1546-2-4	E-SB-1546	2	4	20170109	--	--	--	--	--	--	--	--	--	--	NORMAL

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C1-FLUORANTHENES/PYRENES ALKYLATED PAHS (UG/KG)	C1-FLUORENES ALKYLATED PAHS (UG/KG)	C1-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	C2-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C2-FLUORENES ALKYLATED PAHS (UG/KG)	C2-NAPHTHALENES ALKYLATED PAHS (UG/KG)	C2-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	C3-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C3-FLUORENES ALKYLATED PAHS (UG/KG)	C3-NAPHTHALENES ALKYLATED PAHS (UG/KG)	C3-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	C4-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C4-NAPHTHALENES ALKYLATED PAHS (UG/KG)	C4-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	ANTIMONY METALS (MG/KG)	ARSENIC METALS (MG/KG)	BARIUM METALS (MG/KG)	BERYLLIUM METALS (MG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-233	URANIUM-234	URANIUM-235
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.06 U	0.06 U	5.2
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.031
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.035
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.012 U	0.012 U	0.016 J
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 J
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.012 U	0.012 U	0.012 U
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.012 U	0.012 U	0.012 U
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.012 U	0.012 U	0.012 U
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 J
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.012 U	0.012 U	0.012 U
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.010 U	0.010 U	0.010 U
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.012 U	0.012 U	0.012 U
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.009
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.012 U	0.012 U	0.014 J
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.012 U	0.012 U	0.012 U
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.012 U	0.012 U	0.074
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011 U	0.011 U	0.011 U
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	0.06 U	97	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	0.011 U	1.5	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	0.011 U	1.7	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	0.012 U	0.96	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	0.011 U	1.1	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	0.012 U	0.89	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	0.011 U	0.49	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	0.01 U	0.6	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	0.011 U	0.43	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	0.012 U	0.53	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	0.011 U	0.76	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	0.01 U	0.75 J	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	0.01 U	1.3 J	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	0.011 U	1.3	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	0.011 U	0.96	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	0.012 U	0.94 J	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	0.01 U	0.68 J	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	0.011 U	1.5 J	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	0.012 U	0.76	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	0.011 U	1.1	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	0.01 U	0.74 J	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	0.010 U	0.555	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	0.011 U	0.37 J	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	0.011 U	1.1	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	0.011 U	0.97	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	0.011 U	0.39 J	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	0.012 U	0.71 J	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	0.011 U	0.81 J	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	0.011 U	1.255	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	0.012 U	1.7 J	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	0.011 U	1 J	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	0.012 U	0.52	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	0.011 U	0.625	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	0.011 U	0.73 J	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	0.012 U	4.3	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	0.011 U	0.57	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	0.011 U	0.54	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268
					PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	60000 U	57000 U	40000 U	50000 U	42000 U	35000 U	1700000	20000 U	50000 U
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	28000 U	27000 U	19000 U	230000 U	200000 U	160000 U	13000000	93000 U	230000 U
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	6000 U	5700 U	4000 U	5000 U	4200 U	3500 U	130000	2000 U	5000 U
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	57000 U	55000 U	38000 U	480000 U	410000 U	340000 U	37000000	190000 U	480000 U
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	14000 U	13000 U	9200 U	12000 U	9800 U	8100 U	480000	4600 U	12000 U
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	30 U	29 U	20 U	25 U	21 U	17 U	1100	10 U	25 U
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	56 U	53 U	37 U	46 U	39 U	32 U	1900	19 U	46 U
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U	17 U	620	9.5 U	24 U
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	280 U	270 U	190 U	240 U	200 U	170 U	5900	94 U	240 U
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	28000 U	27000 U	19000 U	23000 U	20000 U	16000 U	320000	9300 U	23000 U
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	1400 U	1400 U	960 U	1200 U	1000 U	840 U	31000	480 U	1200 U
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	200	9.4 U	23 U
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	110	9.4 U	23 U
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	16 U	22 J	9.4 U	24 U
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	21 U	9.5 U	24 U
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U	17 U	22 U	9.6 U	24 U
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U	16 U	21 U	9.2 U	23 U
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U	17 U	21 U	9.5 U	24 U
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U	17 U	21 U	9.5 U	24 U
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	430	9.3 U	23 U
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	55000 U	53000 U	37000 U	460000 U	390000 U	320000 U	31000000	180000 U	460000 U
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	97500 U	91500 U	64000 U	780000 U	675000 U	555000 U	29000000	315000 U	780000 U
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	14000 U	13000 U	91000 U	1100000 U	960000 U	790000 U	27000000	450000 U	110000 U
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	280 U	270 U	190 U	230 U	200 U	160 U	19000	93 U	230 U
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U	17 U	880	9.6 U	24 U
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	16 U	94	9.4 U	24 U
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	21 U	9.4 U	24 U
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U	9.4 U	23 U
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	28.5 U	27.5 U	19 U	23.5 U	20.5 U	16.5 U	21.5 U	9.55 U	23.5 U
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U	17 U	22 U	9.7 U	24 U
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U	17 U	800	9.5 U	24 U
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U	17 U	130	9.5 U	24 U
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	28.5 U	26.5 U	18.5 U	23.5 U	20 U	16.5 U	70.25	9.35 U	23.5 U
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U	16 U	21 U	9.2 U	23 U
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	61 U	58 U	40 U	51 U	43 U	35 U	2000	20 U	51 U
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	140 U	140 U	95 U	120 U	100 U	83 U	3600	48 U	120 U
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U	17 U	22 U	9.7 U	24 U
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
					PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	1700000	1877000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	13000000	13826500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	130000	147700	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	37000000	38700000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	480000	521350	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	1100	1188.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	1900	2064	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	620	704.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	5900	6742	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	320000	402650	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	31000	35240	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	200	282.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	110	192.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	22	105.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	0 U	94.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	0 U	96.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	0 U	92.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	0 U	95.25	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	0 U	95.25	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	430	512.65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	31000000	32630000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	29000000	31817500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	27000000	31005000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	19000	19826.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	880	965.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	94	177.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	0 U	94.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	0 U	93.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	0 U	95.025	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	0 U	96.85	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	800	884.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	130	214.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	65	153.425	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	0 U	92.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	2000	2179.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	3600	4023	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	0 U	96.85	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE
					PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214	POTASSIUM-40
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	0.993	0.926 J	0.945	--	5.11 U	--	362
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	1.48	1.18	1.03	--	0.699 U	--	2.05 U
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	1.54	0.951 J	1.49	--	0.169 U	--	1.53 U
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	0.389	0.705	0.317	--	2.2 U	--	2.17 U
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	0.291	0.646 J	0.48	--	1.62 U	--	2.61 U
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	1.04	0.819	1.08	--	0.885 U	--	0.933 U
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	1.14	0.609	0.764	--	0.598 U	--	0.432 U
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	0.845	0.745	0.944	--	1.58 U	--	0.9 U
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	1.05	0.75	0.688	--	1.35 U	--	0.942 U
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	1.13	0.804	1.06	--	2.09 U	--	1.3 U
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	1.2	0.712	1.06	--	2.1 U	--	1.19 U
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	0.919	0.644	0.891	--	-1.27 U	--	-0.408 U
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	1.02	0.971	0.938	--	-0.491 U	--	0.406 U
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	0.961	1.16 J	1.13	--	-1.85 U	--	-0.872 U
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	1.43	0.869 UJ	1.36	--	-1.6 U	--	0.312 U
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	1.57	0.98 J	1.27	--	-0.579 U	--	0.273 U
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	0.943	0.685 UJ	0.983	--	0.413 U	--	0.743 U
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	1.14	0.857 UJ	1.2	--	0.943 U	--	0.455 U
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	1.54	0.944	1.51	--	-1.24 U	--	-0.608 U
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	0.866	0.922	0.958	--	-1.4 U	--	-0.872 U
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	0.463	0.505	0.469	--	0.725 U	--	-0.2 U
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	0.484	0.4315	0.421	--	0.7675 U	--	-0.2455 U
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	0.505	0.358	0.373	--	0.81 U	--	-0.291 U
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	1.13	0.833	1.13	--	-0.784 U	--	0.226 U
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	1.22	0.932	1.2	--	-0.765 U	--	-0.696 U
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	0.476 J	0.473 J	0.572 J	--	-0.701 U	--	0.174 U
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	1.01	0.872	0.88	--	-0.483 U	--	0.0507 U
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	0.745	0.729	0.803	--	-0.366 U	--	0.598 U
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	0.7325	0.8745	0.7475	--	-0.5685 U	--	0.429 U
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	0.72	1.02 J	0.692	--	-0.771 U	--	0.26 U
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	1.52	1.02	1.22	--	-0.277 U	--	0.45 U
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	0.854	0.876	0.865	--	0.639 U	--	-0.232 U
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	0.898	0.7575	0.9725	--	-0.1525 U	--	-0.179 U
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	0.942	0.639	1.08	--	-0.944 U	--	-0.126 U
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	0.836	0.665	0.799	--	0.983 U	--	4.87 U
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	1.12	0.665	0.949	--	1.07 U	--	0.302 U
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	0.944	0.778	1.26	--	3.02 U	--	1.33 U
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	11.3	--	1.06	32.4	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	0.0672	--	0.013 U	0.497	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	0.0753	--	0.00987 U	0.587	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	0.0347	--	0.00907 U	0.322	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	0.0242	--	0.00812 U	0.358	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	0.0146 U	--	0.0021 U	0.298	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	0.00838 U	--	-0.00571 U	0.166	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	0.011 U	--	0.00175 U	0.202	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	0.00741 U	--	- U	0.145	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	0.00926 U	--	- U	0.177	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	0.0134 U	--	-0.00431 U	0.256	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	0.0126 U	--	-0.00895 U	0.251 J	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	0.0213 U	--	-0.0122 U	0.431 J	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	0.0219 U	--	-0.0167 U	0.451	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	0.0156 U	--	-0.00932 U	0.323	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	0.0163 U	--	-0.00508 U	0.316 J	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	0.0118 U	--	0.00251 U	0.23 J	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	0.0247	--	0.0016 U	0.513 J	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	0.0129 U	--	-0.00784 U	0.255	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	0.0176 U	--	-0.0107 U	0.37	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	0.0138 U	--	-0.00259 U	0.249	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	0.009775 U	--	0.000975 U	0.1865	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	0.00575 U	--	0.00454 U	0.124 J	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	0.0186 U	--	-0.00818 U	0.37	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	0.0159 U	--	-0.00672 U	0.326	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	0.00674 U	--	-0.0117 U	0.13 J	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	0.0121 U	--	-0.00505 U	0.239 J	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	0.014 U	--	-0.00556 U	0.273 J	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	0.0182	--	-0.00623 U	0.426	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	0.0294	--	-0.0069 U	0.579	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	0.0168 U	--	-0.0103 U	0.344 J	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	0.0101 U	--	0.00557 U	0.174	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	0.01095 U	--	- U	0.21	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	0.0118 U	--	-0.00786 U	0.246 J	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	0.16	--	0.0111 U	1.44	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	0.00983 U	--	-0.0089 U	0.193	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	0.0114 U	--	-0.00237 U	0.182	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-
					TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	4.8 NJ	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	17 NJ	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	69 NJ	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	26 NJ	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	12 NJ	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	310 NJ	--	--	--	--
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	14 NJ	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	320 NJ	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	11 NJ	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	15 NJ	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	2.3 NJ
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	SILANOL, DIMETHYL(1,1,2-TRIMETHYLPROPYL)	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]	UNKNOWN [2.17]
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	--	--	--	--	--	--	--	--	300 NJ	--	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	--	--	--	--	--	--	--	--	290 NJ	--	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	--	--	--	--	--	--	--	--	210 NJ	--	--
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	--	--	--	--	--	--	--	--	--	250 NJ	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	330 NJ
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	220 NJ
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	UNKNOWN [3.57]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	0.25 U	0.16 U	0.18 U	--	0.35 U	0.23 U	0.38 U	0.13 U	0.25 U	0.28 U	0.071 U
E-SB-1572-4-6	E-SB-1572	4	6	20170201	15 NJ	0.3 U	0.19 U	0.22 U	--	0.41 U	0.27 U	0.45 U	0.16 U	0.29 U	0.32 U	0.083 U
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	0.26 U	0.17 U	0.19 U	--	0.36 U	0.24 U	0.4 U	0.14 U	0.26 U	0.29 U	0.073 U
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	0.27 U	0.17 U	0.19 U	--	0.36 U	0.24 U	0.4 U	0.14 U	0.26 U	0.29 U	0.074 U
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	0.25 U	0.16 U	0.18 U	--	0.34 U	0.23 U	0.38 U	0.13 U	0.25 U	0.27 U	0.07 U
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	0.26 U	0.16 U	0.19 U	--	0.35 U	0.24 U	0.39 U	0.14 U	0.25 U	0.28 U	0.072 U
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	17 U	25 U	22 U	--	21 U	28 U	32 U	31 U	29 U	22 U	12 U
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	17 U	25 U	21 U	--	20 U	27 U	32 U	30 U	28 U	22 U	11 U
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	17 U	26 U	22 U	--	21 U	29 U	33 U	31 U	29 U	23 U	12 U
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	16 U	23 U	20 U	--	19 U	26 U	30 U	28 U	26 U	21 U	11 U
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	0.26 U	0.17 U	0.19 U	--	0.36 U	0.24 U	0.39 U	0.14 U	0.26 U	0.28 U	0.073 U
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	0.25 U	0.16 U	0.18 U	--	0.35 U	0.23 U	0.38 U	0.13 U	0.25 U	0.28 U	0.071 U
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	0.28 U	0.18 U	0.2 U	--	0.38 U	0.26 U	0.42 U	0.15 U	0.27 U	0.31 U	0.078 U
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	0.27 U	0.17 U	0.19 U	--	0.37 U	0.25 U	0.4 U	0.14 U	0.26 U	0.29 U	0.075 U
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	0.27 U	0.17 U	0.2 U	--	0.37 U	0.25 U	0.41 U	0.14 U	0.27 U	0.3 U	0.076 U
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	17 UJ	24 U	21 U	--	20 U	27 U	31 U	30 U	28 U	22 U	11 U
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	17 UJ	24 U	21 U	--	20 U	27 U	31 U	30 U	28 U	22 U	11 U
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	16 UJ	24 U	20 U	--	20 U	26 U	31 U	29 U	27 U	21 U	11 U
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	0.25 U	0.16 U	0.18 U	--	0.34 U	0.23 U	0.37 U	0.13 U	0.24 U	0.27 U	0.069 U
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	0.26 U	0.16 U	0.19 U	--	0.35 U	0.24 U	0.39 U	0.14 U	0.25 U	0.28 U	0.072 U
E-SB-1578-6-8	E-SB-1578	6	8	20170202	7.9 NJ	0.25 U	0.16 U	0.18 U	--	0.34 U	0.23 U	0.38 U	0.13 U	0.25 U	0.27 U	0.07 U
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	0.28 U	0.18 U	0.2 U	--	0.38 U	0.26 U	0.42 U	0.15 U	0.27 U	0.3 U	0.077 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	0.17 U	0.18 U	0.48 U	0.25 U	0.16 U	0.21 U	0.22 U	--	0.21 U	0.16 U	0.25 U	0.21 U
E-SB-1572-4-6	E-SB-1572	4	6	20170201	0.2 U	0.21 U	0.56 U	0.29 U	0.18 U	0.24 U	0.26 U	--	0.24 U	0.19 U	0.29 U	0.25 U
E-SB-1572-6-8	E-SB-1572	6	8	20170201	0.18 U	0.18 U	0.5 U	0.26 U	0.16 U	0.21 U	0.23 U	--	0.21 U	0.17 U	0.26 U	0.22 U
E-SB-1573-2-4	E-SB-1573	2	4	20170202	0.18 U	0.18 U	0.5 U	0.26 U	0.16 U	0.21 U	0.23 U	--	0.21 U	0.17 U	0.26 U	0.22 U
E-SB-1573-4-6	E-SB-1573	4	6	20170202	0.17 U	0.18 U	0.48 U	0.25 U	0.15 U	0.2 U	0.22 U	--	0.2 U	0.16 U	0.25 U	0.21 U
E-SB-1573-6-8	E-SB-1573	6	8	20170202	0.17 U	0.18 U	0.49 UJ	0.25 U	0.16 U	0.21 U	0.22 U	--	0.21 U	0.16 U	0.25 U	0.22 U
E-SB-1574-2-4	E-SB-1574	2	4	20170202	23 U	17 U	43 UJ	21 U	16 U	27 U	27 U	--	34 U	23 U	24 U	22 U
E-SB-1574-4-6	E-SB-1574	4	6	20170202	23 U	17 U	42 UJ	20 U	16 U	26 U	26 U	--	34 U	23 U	24 U	22 U
E-SB-1574-6-8	E-SB-1574	6	8	20170202	24 U	17 U	44 UJ	21 U	17 U	28 U	28 U	--	35 U	24 U	25 U	23 U
E-SB-1575-2-4	E-SB-1575	2	4	20170202	22 U	16 U	40 UJ	19 U	15 U	25 U	25 U	--	31 U	22 U	22 U	21 U
E-SB-1575-4-6	E-SB-1575	4	6	20170202	0.18 U	0.18 U	0.5 U	0.26 U	0.16 U	0.21 U	0.23 U	--	0.21 U	0.17 U	0.26 U	0.22 U
E-SB-1575-6-8	E-SB-1575	6	8	20170202	0.17 U	0.18 U	0.48 U	0.25 U	0.16 U	0.2 U	0.22 U	--	0.2 U	0.16 U	0.25 U	0.21 U
E-SB-1576-2-4	E-SB-1576	2	4	20170202	0.19 U	0.2 U	0.53 U	0.27 U	0.17 U	0.23 U	0.24 U	--	0.23 U	0.18 U	0.27 U	0.24 U
E-SB-1576-4-6	E-SB-1576	4	6	20170202	0.18 U	0.19 U	0.51 U	0.26 U	0.16 U	0.22 U	0.23 U	--	0.22 U	0.17 U	0.26 U	0.22 U
E-SB-1576-6-8	E-SB-1576	6	8	20170202	0.18 U	0.19 U	0.52 U	0.27 U	0.17 U	0.22 U	0.24 U	--	0.22 U	0.17 U	0.27 U	0.23 U
E-SB-1577-2-4	E-SB-1577	2	4	20170202	23 U	17 U	42 UJ	20 U	16 U	26 U	26 U	--	33 U	23 U	24 U	22 U
E-SB-1577-4-6	E-SB-1577	4	6	20170202	23 U	17 U	42 UJ	20 U	16 U	26 U	26 U	--	33 U	23 U	23 U	22 U
E-SB-1577-6-8	E-SB-1577	6	8	20170202	22 U	16 U	41 UJ	20 U	15 U	25 U	25 U	--	32 U	22 U	23 U	21 U
E-SB-1578-2-4	E-SB-1578	2	4	20170202	0.17 U	0.17 U	0.47 U	0.24 U	0.15 U	0.2 U	0.21 U	--	0.2 U	0.16 U	0.24 U	0.21 U
E-SB-1578-4-6	E-SB-1578	4	6	20170202	0.17 U	0.18 U	0.49 U	0.25 U	0.16 U	0.21 U	0.22 U	--	0.21 U	0.16 U	0.25 U	0.21 U
E-SB-1578-6-8	E-SB-1578	6	8	20170202	0.17 U	0.18 U	0.48 U	0.25 U	0.15 U	0.2 U	0.22 U	--	0.2 U	0.16 U	0.25 U	0.21 U
E-SB-1579-2-4	E-SB-1579	2	4	20170203	0.19 U	0.19 U	0.53 UJ	0.27 U	0.17 U	0.22 U	0.24 U	--	0.22 U	0.18 U	0.27 U	0.23 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	0.9 U	2 UJ	0.26 U	0.41 UJ	0.17 U	0.13 U	0.63 U	2.2 UJ	0.23 U	0.19 U
E-SB-1572-4-6	E-SB-1572	4	6	20170201	1.1 U	2.3 UJ	0.31 U	0.48 UJ	0.2 U	0.15 U	0.74 U	5.4 U	0.27 U	0.22 U
E-SB-1572-6-8	E-SB-1572	6	8	20170201	0.93 U	2.1 UJ	0.27 U	0.43 UJ	0.18 U	0.13 U	0.65 U	5.1 U	0.23 U	0.2 U
E-SB-1573-2-4	E-SB-1573	2	4	20170202	1.2 J	2.1 UJ	0.27 U	0.43 UJ	0.18 U	0.13 U	0.66 U	19 U	0.24 U	0.2 U
E-SB-1573-4-6	E-SB-1573	4	6	20170202	3.9 J	2 UJ	0.26 U	0.41 UJ	0.17 U	0.13 U	0.62 U	33 U	0.22 U	0.19 U
E-SB-1573-6-8	E-SB-1573	6	8	20170202	0.91 U	2 U	0.27 U	0.42 U	0.17 U	0.13 U	0.64 U	2.2 J	0.23 U	0.19 U
E-SB-1574-2-4	E-SB-1574	2	4	20170202	45 UJ	180 U	22 U	77 U	26 U	21 U	36 U	87 UJ	22 U	25 U
E-SB-1574-4-6	E-SB-1574	4	6	20170202	44 UJ	170 U	21 U	76 U	26 U	20 U	35 U	86 UJ	21 U	25 U
E-SB-1574-6-8	E-SB-1574	6	8	20170202	46 UJ	180 U	22 U	79 U	27 U	21 U	37 U	89 UJ	22 U	26 U
E-SB-1575-2-4	E-SB-1575	2	4	20170202	41 UJ	160 U	20 U	71 U	24 U	19 U	33 U	80 UJ	20 U	23 U
E-SB-1575-4-6	E-SB-1575	4	6	20170202	0.93 U	2 UJ	0.27 U	0.42 UJ	0.18 U	0.13 U	0.65 U	6.1 U	0.23 U	0.2 U
E-SB-1575-6-8	E-SB-1575	6	8	20170202	0.9 U	2 UJ	0.26 U	0.41 UJ	0.17 U	0.13 U	0.63 U	7.5 U	0.23 U	0.19 U
E-SB-1576-2-4	E-SB-1576	2	4	20170202	0.99 U	2.2 UJ	0.29 U	0.45 UJ	0.19 U	0.14 U	0.7 U	3.8 U	0.25 U	0.21 U
E-SB-1576-4-6	E-SB-1576	4	6	20170202	0.95 U	2.1 UJ	0.28 U	0.43 UJ	0.18 U	0.13 U	0.66 U	5.1 U	0.24 U	0.2 U
E-SB-1576-6-8	E-SB-1576	6	8	20170202	0.96 U	2.1 UJ	0.28 U	0.44 UJ	0.18 U	0.14 U	0.68 U	2.3 UJ	0.24 U	0.2 U
E-SB-1577-2-4	E-SB-1577	2	4	20170202	44 UJ	170 U	21 U	75 U	25 U	20 U	35 U	85 UJ	21 U	24 U
E-SB-1577-4-6	E-SB-1577	4	6	20170202	44 UJ	170 U	21 U	75 U	25 U	20 U	35 U	84 UJ	21 U	24 U
E-SB-1577-6-8	E-SB-1577	6	8	20170202	42 UJ	170 U	20 U	73 U	25 U	20 U	34 U	82 UJ	20 U	24 U
E-SB-1578-2-4	E-SB-1578	2	4	20170202	0.88 U	1.9 UJ	0.26 U	0.4 UJ	0.17 U	0.12 U	0.62 U	6.2 U	0.22 U	0.19 U
E-SB-1578-4-6	E-SB-1578	4	6	20170202	0.91 U	2 UJ	0.26 U	0.42 UJ	0.17 U	0.13 U	0.64 U	2.2 UJ	0.23 U	0.19 U
E-SB-1578-6-8	E-SB-1578	6	8	20170202	0.89 U	2 UJ	0.26 U	0.41 UJ	0.17 U	0.13 U	0.63 U	8.5 U	0.23 U	0.19 U
E-SB-1579-2-4	E-SB-1579	2	4	20170203	0.98 U	2.2 U	0.29 U	0.45 U	0.19 U	0.14 U	0.69 U	2.4 UJ	0.25 U	0.21 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	0.25 U	0.23 U	0.28 U	0.42 U	0.15 U	0.18 U	0.23 U	0.21 U	0.27 U	0.16 U	0.27 U
E-SB-1572-4-6	E-SB-1572	4	6	20170201	0.3 U	0.27 U	0.33 U	0.49 U	0.17 U	0.21 U	0.27 U	0.25 U	0.32 U	0.19 U	0.32 U
E-SB-1572-6-8	E-SB-1572	6	8	20170201	0.26 U	0.24 U	0.29 U	0.43 U	0.15 U	0.18 U	0.24 U	0.22 U	0.28 U	0.17 U	0.28 U
E-SB-1573-2-4	E-SB-1573	2	4	20170202	0.27 U	0.24 U	0.29 U	0.43 U	0.15 U	0.18 U	0.24 U	0.22 U	0.28 U	0.17 U	0.28 U
E-SB-1573-4-6	E-SB-1573	4	6	20170202	0.25 U	0.23 U	0.28 U	0.41 U	0.31 J	0.18 U	0.23 U	0.21 U	0.27 U	0.16 U	0.27 U
E-SB-1573-6-8	E-SB-1573	6	8	20170202	0.26 U	0.24 U	0.29 U	0.42 U	0.15 U	0.18 U	0.24 U	0.22 U	0.27 U	0.16 U	0.27 U
E-SB-1574-2-4	E-SB-1574	2	4	20170202	32 U	16 U	21 U	25 U	16 U	24 U	27 U	31 U	25 U	22 U	16 U
E-SB-1574-4-6	E-SB-1574	4	6	20170202	32 U	16 U	20 U	25 U	16 U	24 U	26 U	30 U	25 U	21 U	16 U
E-SB-1574-6-8	E-SB-1574	6	8	20170202	33 U	17 U	21 U	26 U	17 U	25 U	28 U	31 U	26 U	22 U	17 U
E-SB-1575-2-4	E-SB-1575	2	4	20170202	30 U	15 U	19 U	23 U	15 U	22 U	25 U	28 U	23 U	20 U	15 U
E-SB-1575-4-6	E-SB-1575	4	6	20170202	0.26 U	0.24 U	0.29 U	0.43 U	0.15 U	0.18 U	0.24 U	0.22 U	0.28 U	0.17 U	0.28 U
E-SB-1575-6-8	E-SB-1575	6	8	20170202	0.25 U	0.23 U	0.28 U	0.42 U	0.15 U	0.18 U	0.23 U	0.21 U	0.27 U	0.16 U	0.27 U
E-SB-1576-2-4	E-SB-1576	2	4	20170202	0.28 U	0.26 U	0.31 U	0.46 U	0.16 U	0.2 U	0.26 U	0.24 U	0.3 U	0.18 U	0.3 U
E-SB-1576-4-6	E-SB-1576	4	6	20170202	0.27 U	0.25 U	0.3 U	0.44 U	0.16 U	0.19 U	0.25 U	0.22 U	0.28 U	0.17 U	0.28 U
E-SB-1576-6-8	E-SB-1576	6	8	20170202	0.27 U	0.25 U	0.3 U	0.45 U	0.16 U	0.19 U	0.25 U	0.23 U	0.29 U	0.17 U	0.29 U
E-SB-1577-2-4	E-SB-1577	2	4	20170202	31 U	16 U	20 U	24 U	16 U	24 UJ	26 U	30 UJ	24 U	21 U	16 U
E-SB-1577-4-6	E-SB-1577	4	6	20170202	31 U	16 U	20 U	24 U	16 U	23 UJ	26 U	30 UJ	24 U	21 U	16 U
E-SB-1577-6-8	E-SB-1577	6	8	20170202	31 U	15 U	20 U	24 U	15 U	23 UJ	25 U	29 UJ	24 U	20 U	15 U
E-SB-1578-2-4	E-SB-1578	2	4	20170202	0.25 U	0.23 U	0.28 U	0.41 U	0.15 U	0.17 U	0.23 U	0.21 U	0.26 U	0.16 U	0.26 U
E-SB-1578-4-6	E-SB-1578	4	6	20170202	0.26 U	0.24 U	0.29 U	0.42 U	0.15 U	0.18 U	0.24 U	0.21 U	0.27 U	0.16 U	0.27 U
E-SB-1578-6-8	E-SB-1578	6	8	20170202	0.25 U	0.23 U	0.28 U	0.42 U	0.15 U	0.18 U	0.23 U	0.21 U	0.27 U	0.16 U	0.27 U
E-SB-1579-2-4	E-SB-1579	2	4	20170203	0.28 U	0.26 U	0.31 U	0.46 U	0.16 U	0.19 U	0.26 U	0.23 U	0.29 U	0.18 U	0.29 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	HEXANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	0.2 U	0.18 U	0.27 U	0.25 U	0.17 U	0.092 U	0.19 U	0.31 U	--	0.14 U	0.28 U	--
E-SB-1572-4-6	E-SB-1572	4	6	20170201	0.29 U	0.22 U	0.32 U	0.29 U	0.2 U	0.11 U	0.22 U	0.36 U	--	0.17 U	0.44 J	--
E-SB-1572-6-8	E-SB-1572	6	8	20170201	0.22 U	0.19 U	0.28 U	0.26 U	0.18 U	0.095 U	0.2 U	0.32 U	--	0.15 U	0.29 U	--
E-SB-1573-2-4	E-SB-1573	2	4	20170202	0.31 U	0.19 U	0.28 U	0.26 U	0.18 U	0.096 U	0.2 U	0.32 U	--	0.15 U	0.29 U	--
E-SB-1573-4-6	E-SB-1573	4	6	20170202	0.37 U	0.18 U	0.27 U	0.25 U	0.17 U	0.091 U	0.19 U	0.31 U	--	0.14 U	0.28 U	--
E-SB-1573-6-8	E-SB-1573	6	8	20170202	0.3 J	0.19 U	0.27 U	0.25 U	0.17 U	0.093 U	0.19 U	0.32 U	--	0.14 U	0.29 U	--
E-SB-1574-2-4	E-SB-1574	2	4	20170202	59 J	21 U	39 U	20 U	18 U	13 U	31 U	29 U	--	31 U	25 U	--
E-SB-1574-4-6	E-SB-1574	4	6	20170202	130 J	20 U	38 U	19 U	18 U	13 U	31 U	28 U	--	30 U	25 U	--
E-SB-1574-6-8	E-SB-1574	6	8	20170202	87 J	21 U	40 U	20 U	18 U	14 U	32 U	29 U	--	31 U	26 U	--
E-SB-1575-2-4	E-SB-1575	2	4	20170202	29 U	19 U	36 U	18 U	17 U	12 U	29 U	26 U	--	28 U	23 U	--
E-SB-1575-4-6	E-SB-1575	4	6	20170202	0.2 U	0.19 U	0.28 U	0.26 U	0.18 U	0.095 U	0.2 U	0.32 U	--	0.15 U	0.29 U	--
E-SB-1575-6-8	E-SB-1575	6	8	20170202	0.2 U	0.18 U	0.27 U	0.25 U	0.17 U	0.092 U	0.19 U	0.31 U	--	0.14 U	0.28 U	--
E-SB-1576-2-4	E-SB-1576	2	4	20170202	0.22 U	0.2 U	0.3 U	0.27 U	0.19 U	0.1 U	0.21 U	0.34 U	--	0.16 U	0.31 U	--
E-SB-1576-4-6	E-SB-1576	4	6	20170202	0.21 U	0.19 U	0.28 U	0.26 U	0.18 U	0.097 U	0.2 U	0.33 U	--	0.15 U	0.3 U	--
E-SB-1576-6-8	E-SB-1576	6	8	20170202	0.24 U	0.2 U	0.29 U	0.27 U	0.18 U	0.099 U	0.2 U	0.33 U	--	0.15 U	0.3 U	--
E-SB-1577-2-4	E-SB-1577	2	4	20170202	31 U	20 U	38 U	19 U	17 U	13 U	31 U	28 U	--	30 U	24 U	--
E-SB-1577-4-6	E-SB-1577	4	6	20170202	30 U	20 U	37 U	19 U	17 U	13 U	30 U	28 U	--	30 U	24 U	--
E-SB-1577-6-8	E-SB-1577	6	8	20170202	30 U	20 U	36 U	19 U	17 U	13 U	30 U	27 U	--	29 U	24 U	--
E-SB-1578-2-4	E-SB-1578	2	4	20170202	0.38 U	0.18 U	0.26 U	0.24 U	0.17 U	0.09 U	0.19 U	0.31 U	--	0.14 U	0.28 U	--
E-SB-1578-4-6	E-SB-1578	4	6	20170202	0.2 U	0.19 U	0.27 U	0.25 U	0.17 U	0.093 U	0.19 U	0.31 U	--	0.14 U	0.29 U	--
E-SB-1578-6-8	E-SB-1578	6	8	20170202	0.22 U	0.18 U	0.27 U	0.25 U	0.17 U	0.091 U	0.19 U	0.31 U	--	0.14 U	0.28 U	--
E-SB-1579-2-4	E-SB-1579	2	4	20170203	0.22 U	0.2 U	0.29 U	0.27 U	0.19 U	0.1 U	0.21 U	0.34 U	--	0.15 U	0.31 U	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-2-4	E-SB-1572	2	4	20170201	0.19 UJ	0.17 UJ	0.23 U	0.18 U	0.2 U	0.16 U	0.13 U	0.19 U	0.15 U	0.15 U	1.7 U	0.26 U
E-SB-1572-4-6	E-SB-1572	4	6	20170201	0.22 UJ	1.5 U	0.27 U	0.21 U	0.23 U	0.18 U	0.16 U	0.22 U	0.17 U	0.17 U	2.7 J	0.31 U
E-SB-1572-6-8	E-SB-1572	6	8	20170201	0.2 UJ	0.18 UJ	0.24 U	0.18 U	0.21 U	0.16 U	0.14 U	0.2 U	0.15 U	0.15 U	1.7 U	0.27 U
E-SB-1573-2-4	E-SB-1573	2	4	20170202	0.2 UJ	0.18 UJ	0.24 U	0.18 U	0.21 U	0.16 U	0.14 U	0.2 U	0.15 U	0.15 U	1.8 U	0.27 U
E-SB-1573-4-6	E-SB-1573	4	6	20170202	0.19 UJ	0.29 U	0.23 U	0.18 U	0.2 U	0.15 U	0.13 U	0.19 U	0.15 U	0.15 U	1.7 U	0.26 U
E-SB-1573-6-8	E-SB-1573	6	8	20170202	0.19 U	0.34 U	0.24 U	0.18 U	0.2 U	0.16 U	0.14 U	0.19 U	0.15 U	0.15 U	1.7 U	0.27 U
E-SB-1574-2-4	E-SB-1574	2	4	20170202	23 U	58 U	18 U	27 U	31 U	27 U	22 U	9 U	13 U	25 U	320 U	19 U
E-SB-1574-4-6	E-SB-1574	4	6	20170202	23 U	57 U	18 U	26 U	31 U	26 U	21 U	8.8 U	13 U	25 U	320 U	19 U
E-SB-1574-6-8	E-SB-1574	6	8	20170202	24 U	60 U	18 U	28 U	32 U	28 U	22 U	9.2 U	14 U	26 U	330 U	19 U
E-SB-1575-2-4	E-SB-1575	2	4	20170202	22 U	54 U	17 U	25 U	29 U	25 U	20 U	8.3 U	12 U	23 U	300 U	17 U
E-SB-1575-4-6	E-SB-1575	4	6	20170202	0.2 UJ	0.18 UJ	0.24 U	0.18 U	0.2 U	0.16 U	0.14 U	0.2 U	0.15 U	0.15 U	1.7 U	0.27 U
E-SB-1575-6-8	E-SB-1575	6	8	20170202	0.19 UJ	0.17 UJ	0.23 U	0.18 U	0.2 U	0.16 U	0.13 U	0.19 U	0.15 U	0.15 U	1.7 U	0.26 U
E-SB-1576-2-4	E-SB-1576	2	4	20170202	0.21 UJ	0.19 UJ	0.26 U	0.2 U	0.22 U	0.17 U	0.15 U	0.21 U	0.16 U	0.16 U	1.9 U	0.29 U
E-SB-1576-4-6	E-SB-1576	4	6	20170202	0.2 UJ	0.18 UJ	0.25 U	0.19 U	0.21 U	0.16 U	0.14 U	0.2 U	0.16 U	0.16 U	1.8 U	0.28 U
E-SB-1576-6-8	E-SB-1576	6	8	20170202	0.2 UJ	0.18 UJ	0.25 U	0.19 U	0.21 U	0.17 U	0.14 U	0.2 U	0.16 U	0.16 U	1.8 U	0.28 U
E-SB-1577-2-4	E-SB-1577	2	4	20170202	23 U	57 U	17 U	26 U	31 U	26 U	21 U	8.7 U	13 U	24 U	320 U	18 U
E-SB-1577-4-6	E-SB-1577	4	6	20170202	23 U	57 U	17 U	26 U	30 U	26 U	21 U	8.7 U	13 U	24 U	310 U	18 U
E-SB-1577-6-8	E-SB-1577	6	8	20170202	22 U	55 U	17 U	25 U	30 U	25 U	20 U	8.5 U	13 U	24 U	310 U	18 U
E-SB-1578-2-4	E-SB-1578	2	4	20170202	0.19 UJ	0.9 U	0.23 U	0.17 U	0.19 U	0.15 U	0.13 U	0.19 U	0.15 U	0.15 U	1.6 U	0.26 U
E-SB-1578-4-6	E-SB-1578	4	6	20170202	0.19 UJ	0.17 UJ	0.24 U	0.18 U	0.2 U	0.16 U	0.14 U	0.19 U	0.15 U	0.15 U	1.7 U	0.26 U
E-SB-1578-6-8	E-SB-1578	6	8	20170202	0.19 UJ	1.4 U	0.23 U	0.18 U	0.2 U	0.15 U	0.13 U	0.19 U	0.15 U	0.15 U	1.7 U	0.26 U
E-SB-1579-2-4	E-SB-1579	2	4	20170203	0.21 U	2.8 U	0.26 U	0.19 U	0.22 U	0.17 U	0.15 U	0.21 U	0.16 U	0.16 U	1.8 U	0.29 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
E-SB-1546-4-6	E-SB-1546	4	6	20170109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1546-6-8	E-SB-1546	6	8	20170109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1546-8-10	E-SB-1546	8	10	20170109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1547-2-4	E-SB-1547	2	4	20170109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1547-4-6	E-SB-1547	4	6	20170109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1547-6-8	E-SB-1547	6	8	20170109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1547-8-10	E-SB-1547	8	10	20170109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1548-2-4	E-SB-1548	2	4	20170109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1548-4-6	E-SB-1548	4	6	20170109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1548-6-8	E-SB-1548	6	8	20170109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1548-8-10	E-SB-1548	8	10	20170109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1549-2-4	E-SB-1549	2	4	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1549-4-6	E-SB-1549	4	6	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1549-6-8	E-SB-1549	6	8	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1549-8-10	E-SB-1549	8	10	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1550-2-4	E-SB-1550	2	4	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1550-4-6	E-SB-1550	4	6	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1550-6-8	E-SB-1550	6	8	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1550-8-10	E-SB-1550	8	10	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1551-2-4	E-SB-1551	2	4	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1551-4-6	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1551-4-6-AVG	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1551-4-6-D	E-SB-1551	4	6	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1551-6-8	E-SB-1551	6	8	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1551-8-10	E-SB-1551	8	10	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1552-2-4	E-SB-1552	2	4	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1552-4-6	E-SB-1552	4	6	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1552-6-8	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1552-6-8-AVG	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1552-6-8-D	E-SB-1552	6	8	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1552-8-10	E-SB-1552	8	10	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1553-2-4	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1553-2-4-AVG	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1553-2-4-D	E-SB-1553	2	4	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1553-4-6	E-SB-1553	4	6	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1553-6-8	E-SB-1553	6	8	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1553-8-10	E-SB-1553	8	10	20170110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1572-2-4	E-SB-1572	2	4	20170201	--	0.24 U	0.28 U	--	0.27 U	0.15 U	0.32 J	0.17 UJ	0.62 U	0.2 U	NORMAL
E-SB-1572-4-6	E-SB-1572	4	6	20170201	--	0.28 U	0.44 J	--	0.32 U	0.17 U	0.5 J	0.2 UJ	0.72 U	0.23 U	NORMAL
E-SB-1572-6-8	E-SB-1572	6	8	20170201	--	0.25 U	0.29 U	--	0.28 U	0.15 U	0.3 U	0.18 UJ	0.64 U	0.21 U	NORMAL
E-SB-1573-2-4	E-SB-1573	2	4	20170202	--	0.25 U	0.29 U	--	0.28 U	0.15 U	1.8 J	0.18 UJ	0.64 U	0.21 U	NORMAL
E-SB-1573-4-6	E-SB-1573	4	6	20170202	--	0.24 U	0.28 U	--	0.27 U	0.15 U	2.9 J	0.17 UJ	0.61 U	0.2 U	NORMAL
E-SB-1573-6-8	E-SB-1573	6	8	20170202	--	0.24 U	0.29 U	--	0.27 U	0.15 U	7.1	0.17 U	0.62 U	0.2 U	NORMAL
E-SB-1574-2-4	E-SB-1574	2	4	20170202	--	22 U	25 U	--	31 U	13 U	330	31 U	47 U	15 U	NORMAL
E-SB-1574-4-6	E-SB-1574	4	6	20170202	--	21 U	25 U	--	31 U	13 U	1000	30 U	46 U	15 U	NORMAL
E-SB-1574-6-8	E-SB-1574	6	8	20170202	--	22 U	26 U	--	32 U	14 U	1700	31 U	48 U	16 U	NORMAL
E-SB-1575-2-4	E-SB-1575	2	4	20170202	--	20 U	23 U	--	29 U	12 U	31 U	28 U	43 U	14 U	NORMAL
E-SB-1575-4-6	E-SB-1575	4	6	20170202	--	0.25 U	0.29 U	--	0.28 U	0.15 U	0.3 U	0.18 UJ	0.63 U	0.2 U	NORMAL
E-SB-1575-6-8	E-SB-1575	6	8	20170202	--	0.24 U	0.28 U	--	0.27 U	0.15 U	0.29 U	0.17 UJ	0.61 U	0.2 U	NORMAL
E-SB-1576-2-4	E-SB-1576	2	4	20170202	--	0.27 U	0.31 U	--	0.3 U	0.16 U	0.32 U	0.19 UJ	0.68 U	0.22 U	NORMAL
E-SB-1576-4-6	E-SB-1576	4	6	20170202	--	0.25 U	0.3 U	--	0.28 U	0.16 U	0.31 U	0.18 UJ	0.65 U	0.21 U	NORMAL
E-SB-1576-6-8	E-SB-1576	6	8	20170202	--	0.26 U	0.3 U	--	0.29 U	0.16 U	1.1 J	0.18 UJ	0.66 U	0.21 U	NORMAL
E-SB-1577-2-4	E-SB-1577	2	4	20170202	--	21 U	24 U	--	31 U	13 U	290	30 U	45 U	15 U	NORMAL
E-SB-1577-4-6	E-SB-1577	4	6	20170202	--	21 U	24 U	--	30 U	13 U	32 U	30 U	45 U	15 U	NORMAL
E-SB-1577-6-8	E-SB-1577	6	8	20170202	--	20 U	24 U	--	30 U	13 U	600	29 U	44 U	14 U	NORMAL
E-SB-1578-2-4	E-SB-1578	2	4	20170202	--	0.24 U	0.28 U	--	0.26 U	0.15 U	5.3	0.17 UJ	0.6 U	0.19 U	NORMAL
E-SB-1578-4-6	E-SB-1578	4	6	20170202	--	0.24 U	0.29 U	--	0.27 U	0.15 U	0.93 J	0.17 UJ	0.62 U	0.2 U	NORMAL
E-SB-1578-6-8	E-SB-1578	6	8	20170202	--	0.24 U	0.28 U	--	0.27 U	0.15 U	0.75 J	0.17 UJ	0.61 U	0.2 U	NORMAL
E-SB-1579-2-4	E-SB-1579	2	4	20170203	--	0.26 U	0.31 U	--	0.29 U	0.16 U	0.59 J	0.19 U	0.67 U	0.22 U	NORMAL

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-233	URANIUM-234	URANIUM-235
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268
					PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	300 J	9.5 U	24 U
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U	16 U	500	9.2 U	23 U
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	14000 U	13000 U	9300 U	12000 U	9900 U	8100 U	170000	4700 U	12000 U
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	27000 U	26000 U	18000 U	23000 U	19000 U	16000 U	1300000	9000 U	23000 U
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	5300 U	5100 U	3600 U	4500 U	3800 U	3100 U	130000	1800 U	4500 U
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	50 J	9.1 U	23 U
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U	16 U	21 U	9.2 U	23 U
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	21 U	9.4 U	24 U
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	290 U	280 U	190 U	240 U	210 U	170 U	7900	97 U	240 U
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	14000 U	13000 U	9000 U	11000 U	9600 U	7900 U	410000	4500 U	11000 U
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	20 U	9 U	22 U
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	280 U	260 U	180 U	230 U	190 U	160 U	12000	92 U	230 U
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	54000 U	52000 U	36000 U	45000 U	39000 U	32000 U	2700000	18000 U	45000 U
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U	16 U	890	9.2 U	23 U
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	27000 U	26000 U	18000 U	22000 U	19000 U	16000 U	620000 J	8900 U	22000 U
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	260	8.9 U	22 U
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	580	9.4 U	24 U
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	15000 U	14000 U	9700 U	12000 U	10000 U	8500 U	200000	4900 U	12000 U
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U	16 U	110	9.2 U	23 U
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U	16 U	140	9.2 U	23 U
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U	16 U	170	9.2 U	23 U
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	28 J	8.9 U	22 U
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U	17 U	21 U	9.5 U	24 U
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	280 U	270 U	190 U	230 U	200 U	160 U	7700	93 U	230 U
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	14000 U	14000 U	9400 U	12000 U	10000 U	8300 U	370000	4700 U	12000 U
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	1400 U	1300 U	930 U	1200 U	990 U	810 U	48000	460 U	1200 U
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U	16 U	44 J	9.2 U	23 U
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	1300	9.1 U	23 U
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	21 U	9.1 U	23 U
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	34 J	9.3 U	23 U
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	27.5 U	26.5 U	18.5 U	23 U	19.5 U	16 U	44	9.2 U	23 U
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	54 J	9.1 U	23 U
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U	9.3 U	23 U
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U	17 U	22 U	9.7 U	24 U
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	140 U	130 U	91 U	110 U	96 U	79 U	2700	45 U	110 U
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	140 U	130 U	91 U	110 U	97 U	80 U	2800	46 U	110 U
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	56 U	54 U	37 U	47 U	40 U	33 U	1200	19 U	47 U
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U	16 U	67	9.2 U	23 U
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	580 U	550 U	390 U	480 U	410 U	340 U	18000	190 U	480 U
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	30000 U	29000 U	20000 U	25000 U	21000 U	17000 U	380000	10000 U	25000 U
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	500	9.2 U	23 U
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	16 U	23 J	9.4 U	24 U
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U	17 U	22 U	9.6 U	24 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
					PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	300	384.25	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	500	581.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	170000	211500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	1300000	1380500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	130000	145850	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	50	130.55	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	0 U	92.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	0 U	94.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	7900	8758.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	410000	450000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	0 U	89.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	12000	12811	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	2700000	2860500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	890	972.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	620000	699450	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	260	339.45	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	580	664.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	200000	243050	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	110	191.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	140	221.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	170	251.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	28	107.45	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	0 U	95.25	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	7700	8526.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	370000	412200	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	48000	52145	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	44	125.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	1300	1380.55	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	0 U	91.05	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	34	116.65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	44	125.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	54	134.55	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	0 U	93.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	0 U	96.85	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	2700	3100.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	2800	3202	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	1200	1366.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	67	148.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	18000	19710	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	380000	468500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	500	580.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	23	106.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	0 U	96.3	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE
					PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214	POTASSIUM-40
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-
					TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	120 NJ	--	110 NJ	--	--	71 NJ	140 NJ	--	75 NJ	--	86 NJ	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	110 NJ	--	86 NJ	--	--	110 NJ	--	--	83 NJ	--	--
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	--	110 NJ	--	86 NJ	--	--	110 NJ	--	--	83 NJ	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--	160 NJ
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	3.1 NJ	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	78 NJ	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	--	540 NJ	--	--	590 NJ	470 NJ	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	80 NJ	--	--	--	--	--	--
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	--	--	--	--	80 NJ	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	130 NJ	--	--	--	130 NJ	--	--	150 NJ	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	11 NJ	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	45 NJ	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	120 NJ	--	--	110 NJ	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	440 NJ	--	--	--	--	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	110 NJ	--	--	--	--	--	--	--	--
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	--	--	110 NJ	--	--	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	--	150 NJ	--	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	38 NJ	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	43 NJ	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	7.5 NJ	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	540 NJ	580 NJ	--	670 NJ	560 NJ	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	100 NJ	84 NJ	--	--	--	--	--	--	100 NJ	--
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	--	125	84 NJ	--	--	--	--	--	--	100 NJ	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	150 NJ	--	--	--	140 NJ	--	--	95 NJ	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	2.2 NJ
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	SILANOL, DIMETHYL(1,1,2-TRIMETHYLPROPYL)	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]	UNKNOWN [2.17]
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	--	--	--	--	81 NJ	--	--	--	--	--	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	--	--	--	--	690 NJ	560 NJ	--	--	--	--	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	--	--	--	--	79 NJ	--	--	--	--	--	--
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	--	--	--	--	114.5	--	--	--	--	--	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	--	--	--	--	150 NJ	--	120 NJ	--	--	--	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	UNKNOWN [3.57]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	0.25 U	0.16 U	0.18 U	--	0.34 U	0.23 U	0.38 U	0.13 U	0.25 U	0.27 U	0.07 U
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	0.27 U	0.17 U	0.19 U	--	0.36 U	0.24 U	0.4 U	0.14 U	0.26 U	0.29 U	0.074 U
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	0.31 U	0.2 U	0.22 U	--	0.42 U	0.29 U	0.47 U	0.16 U	0.3 U	0.34 U	0.086 U
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	0.25 U	0.16 U	0.18 U	--	0.34 U	0.23 U	0.38 U	0.13 U	0.25 U	0.27 U	0.07 U
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	0.25 U	0.16 U	0.18 U	--	0.34 U	0.23 U	0.38 U	0.13 U	0.24 U	0.27 U	0.069 U
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	0.27 U	0.17 U	0.2 U	--	0.37 U	0.25 U	0.41 U	0.14 U	0.26 U	0.29 U	0.075 U
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	0.27 U	0.17 U	0.19 U	--	0.36 U	0.24 U	0.4 U	0.14 U	0.26 U	0.29 U	0.074 U
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	0.33 U	0.21 U	0.24 U	--	0.44 U	0.3 U	0.49 U	0.17 U	0.32 U	0.35 U	0.091 U
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	0.305 U	0.195 U	0.22 U	--	0.41 U	0.275 U	0.455 U	0.16 U	0.295 U	0.325 U	0.084 U
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	0.28 U	0.18 U	0.2 U	--	0.38 U	0.25 U	0.42 U	0.15 U	0.27 U	0.3 U	0.077 U
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	0.26 U	0.16 U	0.18 U	--	0.35 U	0.23 U	0.38 U	0.14 U	0.25 U	0.28 U	0.071 U
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	0.25 U	0.16 U	0.18 U	--	0.34 U	0.23 U	0.37 U	0.13 U	0.24 U	0.27 U	0.069 U
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	0.27 U	0.17 U	0.19 U	--	0.36 U	0.24 U	0.4 U	0.14 U	0.26 U	0.29 U	0.074 U
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	0.25 U	0.16 U	0.18 U	--	0.34 U	0.23 U	0.37 U	0.13 U	0.24 U	0.27 U	0.068 U
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	0.24 U	0.15 U	0.17 U	--	0.33 U	0.22 U	0.36 U	0.13 U	0.23 U	0.26 U	0.066 U
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	0.26 U	0.17 U	0.19 U	--	0.35 U	0.24 U	0.39 U	0.14 U	0.25 U	0.28 U	0.072 U
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	0.17 U	0.18 U	0.48 UJ	0.25 U	0.15 U	0.2 U	0.22 U	--	0.2 U	0.16 U	0.25 U	0.21 U
E-SB-1579-6-8	E-SB-1579	6	8	20170203	0.18 U	0.18 U	0.5 UJ	0.26 U	0.16 U	0.21 U	0.23 U	--	0.21 U	0.17 U	0.26 U	0.22 U
E-SB-1580-2-4	E-SB-1580	2	4	20170203	0.21 U	0.22 U	0.59 UJ	0.3 U	0.19 U	0.25 U	0.27 U	--	0.25 U	0.2 U	0.3 U	0.26 U
E-SB-1580-4-6	E-SB-1580	4	6	20170203	0.17 U	0.18 U	0.48 UJ	0.25 U	0.15 U	0.2 U	0.22 U	--	0.2 U	0.16 U	0.25 U	0.21 U
E-SB-1580-6-8	E-SB-1580	6	8	20170203	0.17 U	0.17 U	0.47 UJ	0.24 U	0.15 U	0.2 U	0.22 U	--	0.2 U	0.16 U	0.24 U	0.21 U
E-SB-1581-2-4	E-SB-1581	2	4	20170203	0.18 U	0.19 U	0.51 UJ	0.26 U	0.17 U	0.22 U	0.23 U	--	0.98 J	0.17 U	1.9 J	0.23 U
E-SB-1581-4-6	E-SB-1581	4	6	20170203	0.18 U	0.19 U	0.5 UJ	0.26 U	0.16 U	0.21 U	0.23 U	--	5.5	0.17 U	10	0.22 UJ
E-SB-1581-6-8	E-SB-1581	6	8	20170203	0.22 U	0.23 U	0.62 UJ	0.32 U	0.2 U	0.26 U	0.28 U	--	5	0.21 U	10	0.27 U
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	0.205 U	0.21 U	0.57 U	0.295 U	0.185 U	0.24 U	0.26 U	--	4.2	0.195 U	8.45	0.25 U
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	0.19 U	0.19 U	0.52 UJ	0.27 U	0.17 U	0.22 U	0.24 U	--	3.4 J	0.18 U	6.9	0.23 U
E-SB-1582-2-4	E-SB-1582	2	4	20170206	0.17 U	0.18 U	0.48 UJ	0.25 U	0.16 U	0.21 U	0.22 U	--	0.21 U	0.16 U	0.25 U	0.21 U
E-SB-1582-4-6	E-SB-1582	4	6	20170206	0.17 U	0.17 U	0.47 UJ	0.24 U	0.15 U	0.2 U	0.21 U	--	0.2 U	0.16 U	0.24 U	0.21 U
E-SB-1582-6-8	E-SB-1582	6	8	20170206	0.18 U	0.18 U	0.5 UJ	0.26 U	0.16 U	0.21 U	0.23 U	--	0.21 U	0.17 U	0.26 U	0.22 U
E-SB-1583-2-4	E-SB-1583	2	4	20170206	0.16 U	0.17 U	0.47 UJ	0.24 U	0.15 U	0.2 U	0.21 U	--	0.2 U	0.16 U	0.24 U	0.21 U
E-SB-1583-4-6	E-SB-1583	4	6	20170206	0.16 U	0.17 U	0.45 UJ	0.23 U	0.15 U	0.19 U	0.21 U	--	0.19 U	0.15 U	0.23 U	0.2 U
E-SB-1583-6-8	E-SB-1583	6	8	20170206	0.17 U	0.18 U	0.49 UJ	0.25 U	0.16 U	0.21 U	0.22 U	--	0.21 U	0.17 U	0.25 U	0.22 UJ
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	0.89 U	2 U	0.26 U	0.41 U	0.17 U	0.13 U	0.62 U	6.9 J	0.22 U	0.19 U
E-SB-1579-6-8	E-SB-1579	6	8	20170203	0.93 U	2.1 U	0.27 U	0.43 U	0.18 U	0.13 U	0.66 U	2.3 UJ	0.24 U	0.2 U
E-SB-1580-2-4	E-SB-1580	2	4	20170203	1.1 U	2.4 U	0.32 U	0.5 U	0.21 U	0.16 U	0.77 U	2.6 UJ	0.28 U	0.23 U
E-SB-1580-4-6	E-SB-1580	4	6	20170203	0.89 U	2 U	0.26 U	0.41 U	0.17 U	0.13 U	0.62 U	2.1 UJ	0.22 U	0.19 U
E-SB-1580-6-8	E-SB-1580	6	8	20170203	0.88 U	2 U	0.26 U	0.4 U	0.17 U	0.13 U	0.62 U	2.1 UJ	0.22 U	0.19 U
E-SB-1581-2-4	E-SB-1581	2	4	20170203	0.95 U	2.1 U	0.28 U	0.44 U	0.18 U	0.14 U	0.67 U	14 J	0.24 U	0.2 U
E-SB-1581-4-6	E-SB-1581	4	6	20170203	3.2 J	2.1 U	0.27 U	0.43 U	0.18 U	0.13 U	0.66 U	22 J	0.24 U	0.2 U
E-SB-1581-6-8	E-SB-1581	6	8	20170203	3.8 J	2.6 U	0.34 U	0.53 U	0.22 U	0.16 U	0.81 U	38 J	0.29 U	0.25 U
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	3.45	2.4 U	0.315 U	0.49 U	0.205 U	0.15 U	0.75 U	34.5	0.27 U	0.23 U
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	3.1 J	2.2 U	0.29 U	0.45 U	0.19 U	0.14 U	0.69 U	31 J	0.25 U	0.21 U
E-SB-1582-2-4	E-SB-1582	2	4	20170206	0.9 U	2 U	0.26 U	0.41 U	0.17 U	0.13 U	0.63 U	14 U	0.23 U	0.19 U
E-SB-1582-4-6	E-SB-1582	4	6	20170206	0.88 U	1.9 U	0.26 U	0.4 U	0.17 U	0.12 U	0.62 U	6.5 U	0.22 U	0.19 U
E-SB-1582-6-8	E-SB-1582	6	8	20170206	0.94 U	2.1 U	0.27 U	0.43 U	0.18 U	0.13 U	0.66 U	3.5 U	0.24 U	0.2 U
E-SB-1583-2-4	E-SB-1583	2	4	20170206	0.87 U	1.9 U	0.25 U	0.4 U	0.16 U	0.12 U	0.61 U	2.1 U	0.22 U	0.18 U
E-SB-1583-4-6	E-SB-1583	4	6	20170206	0.92 J	1.9 U	0.25 U	0.39 U	0.16 U	0.12 U	0.59 U	17 U	0.21 U	0.18 U
E-SB-1583-6-8	E-SB-1583	6	8	20170206	0.92 UJ	2 U	0.27 U	0.42 U	0.17 U	0.13 U	0.64 U	12 J	0.23 U	0.2 U
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	0.25 U	0.23 U	0.28 U	0.41 U	0.15 U	0.18 U	0.23 U	0.21 U	0.27 U	0.16 U	0.27 U
E-SB-1579-6-8	E-SB-1579	6	8	20170203	0.27 U	0.24 U	0.29 U	0.43 U	0.15 U	0.18 U	0.24 U	0.22 U	0.28 U	0.17 U	0.28 U
E-SB-1580-2-4	E-SB-1580	2	4	20170203	0.31 U	0.29 U	0.35 U	0.51 U	0.18 U	0.22 U	0.29 U	0.26 U	0.33 U	0.2 U	0.33 U
E-SB-1580-4-6	E-SB-1580	4	6	20170203	0.25 U	0.23 U	0.28 U	0.41 U	0.15 U	0.18 U	0.23 U	0.21 U	0.27 U	0.16 J	0.27 U
E-SB-1580-6-8	E-SB-1580	6	8	20170203	0.25 U	0.23 U	0.28 U	0.41 U	0.15 U	0.17 U	0.23 U	0.21 U	0.26 U	0.2 J	0.26 U
E-SB-1581-2-4	E-SB-1581	2	4	20170203	0.27 U	0.25 U	0.3 U	0.44 U	0.5 J	0.19 U	0.25 U	0.23 U	0.29 U	0.19 J	0.29 U
E-SB-1581-4-6	E-SB-1581	4	6	20170203	0.27 U	0.24 U	0.3 U	0.44 U	0.8 J	0.19 U	0.24 U	0.22 U	0.28 U	0.17 U	0.28 UJ
E-SB-1581-6-8	E-SB-1581	6	8	20170203	0.33 U	0.3 U	0.36 U	0.54 U	1.3 J	0.23 U	0.3 U	0.27 U	0.34 U	0.21 U	0.34 U
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	0.305 U	0.275 U	0.335 U	0.5 U	2.3	0.21 U	0.275 U	0.25 U	0.315 U	0.195 U	0.315 U
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	0.28 U	0.25 U	0.31 U	0.46 U	3.3 J	0.19 U	0.25 U	0.23 U	0.29 U	0.18 U	0.29 U
E-SB-1582-2-4	E-SB-1582	2	4	20170206	0.26 U	0.23 U	0.28 U	0.42 U	0.15 U	0.18 U	0.23 U	0.21 U	0.27 U	0.16 U	0.27 U
E-SB-1582-4-6	E-SB-1582	4	6	20170206	0.25 U	0.23 U	0.28 U	0.41 U	0.15 U	0.17 U	0.23 U	0.21 U	0.26 U	0.16 U	0.26 U
E-SB-1582-6-8	E-SB-1582	6	8	20170206	0.27 U	0.24 U	0.3 U	0.44 U	0.16 U	0.18 U	0.24 U	0.22 U	0.28 U	0.17 U	0.28 U
E-SB-1583-2-4	E-SB-1583	2	4	20170206	0.25 U	0.23 U	0.27 U	0.4 U	0.14 U	0.17 U	0.23 U	0.21 U	0.26 U	0.16 U	0.26 U
E-SB-1583-4-6	E-SB-1583	4	6	20170206	0.24 U	0.22 U	0.27 U	0.39 U	0.14 U	0.17 U	0.22 U	0.2 U	0.25 U	0.15 U	0.25 U
E-SB-1583-6-8	E-SB-1583	6	8	20170206	0.26 U	0.24 U	0.29 U	0.43 U	0.15 U	0.18 U	0.24 U	0.22 U	0.28 U	0.17 U	0.28 UJ
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	HEXANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	0.2 U	0.18 U	0.27 U	0.25 U	0.17 U	0.091 U	0.19 U	0.31 U	--	0.14 U	0.28 U	--
E-SB-1579-6-8	E-SB-1579	6	8	20170203	0.21 U	0.19 U	0.28 U	0.26 U	0.18 U	0.096 U	0.2 U	0.32 U	--	0.15 U	0.29 U	--
E-SB-1580-2-4	E-SB-1580	2	4	20170203	0.24 U	0.22 U	0.33 U	0.3 U	0.21 U	0.11 U	0.23 U	0.38 U	--	0.17 U	0.35 U	--
E-SB-1580-4-6	E-SB-1580	4	6	20170203	0.2 U	0.18 U	0.27 U	0.25 U	0.17 U	0.091 U	0.19 U	0.31 U	--	0.14 U	0.28 U	--
E-SB-1580-6-8	E-SB-1580	6	8	20170203	0.78 J	0.18 U	0.26 U	0.24 U	0.17 U	0.09 U	0.19 U	0.31 U	--	0.14 U	0.28 U	--
E-SB-1581-2-4	E-SB-1581	2	4	20170203	0.21 U	0.2 U	0.29 U	0.26 U	0.18 U	0.098 U	0.2 U	0.33 U	--	0.15 U	0.3 U	--
E-SB-1581-4-6	E-SB-1581	4	6	20170203	0.21 U	0.19 U	0.28 U	0.26 U	0.18 U	0.096 U	0.2 U	0.33 U	--	0.15 U	0.3 U	--
E-SB-1581-6-8	E-SB-1581	6	8	20170203	0.25 U	0.24 U	0.34 U	0.32 U	0.22 U	0.12 U	0.42 J	0.4 U	--	0.69 J	0.66 J	--
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	0.235 U	0.22 U	0.315 U	0.295 U	0.205 U	0.11 U	0.33	0.37 U	--	0.66	0.555	--
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	0.22 U	0.2 U	0.29 U	0.27 U	0.19 U	0.1 U	0.24 J	0.34 U	--	0.63 J	0.45 J	--
E-SB-1582-2-4	E-SB-1582	2	4	20170206	0.2 U	0.18 U	0.27 U	0.25 U	0.17 U	0.092 UJ	0.19 U	0.31 U	--	0.14 U	0.28 U	--
E-SB-1582-4-6	E-SB-1582	4	6	20170206	0.19 U	0.18 U	0.26 U	0.24 U	0.17 U	0.09 UJ	0.19 U	0.3 U	--	0.14 U	0.28 U	--
E-SB-1582-6-8	E-SB-1582	6	8	20170206	0.21 U	0.19 U	0.28 U	0.26 U	0.18 U	0.096 UJ	0.2 U	0.33 U	--	0.15 U	0.3 U	--
E-SB-1583-2-4	E-SB-1583	2	4	20170206	0.19 U	0.18 U	0.26 U	0.24 U	0.16 U	0.089 UJ	0.18 U	0.3 U	--	0.14 U	0.27 U	--
E-SB-1583-4-6	E-SB-1583	4	6	20170206	0.19 U	0.17 U	0.25 U	0.23 U	0.16 U	0.086 UJ	0.18 U	0.29 U	--	0.13 U	0.27 U	--
E-SB-1583-6-8	E-SB-1583	6	8	20170206	0.2 U	0.19 U	0.28 U	0.25 U	0.17 U	0.094 U	0.2 U	0.32 U	--	0.14 U	0.29 U	--
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1579-4-6	E-SB-1579	4	6	20170203	0.19 U	3.4 U	0.23 U	0.18 U	0.2 U	0.15 U	0.13 U	0.19 U	0.15 U	0.15 U	1.7 U	0.26 U
E-SB-1579-6-8	E-SB-1579	6	8	20170203	0.2 U	2.7 U	0.24 U	0.18 U	0.21 U	0.16 U	0.14 U	0.2 U	0.15 U	0.15 U	1.8 U	0.27 U
E-SB-1580-2-4	E-SB-1580	2	4	20170203	0.23 U	0.93 U	0.29 U	0.22 U	0.24 U	0.19 U	0.16 U	0.23 U	0.18 U	0.18 U	2.1 U	0.32 U
E-SB-1580-4-6	E-SB-1580	4	6	20170203	0.19 U	0.78 U	0.23 U	0.18 U	0.2 U	0.15 U	0.13 U	0.19 U	0.15 U	0.15 U	1.7 U	0.26 U
E-SB-1580-6-8	E-SB-1580	6	8	20170203	0.19 U	0.27 U	0.23 U	0.17 U	0.19 U	0.15 U	0.13 U	0.19 U	0.15 U	0.15 U	1.7 U	0.26 U
E-SB-1581-2-4	E-SB-1581	2	4	20170203	0.2 U	1.5 U	0.25 U	2 J	0.21 U	0.17 U	2.5 J	0.2 U	0.16 U	0.23 J	1.8 U	0.28 U
E-SB-1581-4-6	E-SB-1581	4	6	20170203	0.2 U	0.91 U	0.24 U	12	1.4 J	0.16 U	13	0.2 U	0.16 U	1.1 J	1.8 U	0.27 U
E-SB-1581-6-8	E-SB-1581	6	8	20170203	0.25 U	2.4 U	0.3 U	6	1.5 J	0.2 U	10	0.25 U	0.19 U	1.1 J	2.2 U	0.34 U
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	0.23 U	2.05 U	0.275 U	5.9	1.25	0.18 J	8.6	0.23 U	0.175 U	0.905	2 U	0.315 U
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	0.21 U	1.7 U	0.25 U	5.8	1 J	0.18 J	7.2	0.21 U	0.16 U	0.71 J	1.8 U	0.29 U
E-SB-1582-2-4	E-SB-1582	2	4	20170206	0.19 UJ	0.17 U	0.23 U	0.18 U	0.2 U	0.16 U	0.14 U	0.19 U	0.15 UJ	0.15 U	1.7 U	0.26 U
E-SB-1582-4-6	E-SB-1582	4	6	20170206	0.19 UJ	0.24 J	0.23 U	0.17 U	0.19 U	0.15 U	0.13 U	0.19 U	0.15 UJ	0.15 U	1.6 U	0.26 U
E-SB-1582-6-8	E-SB-1582	6	8	20170206	0.2 UJ	0.18 U	0.24 U	0.18 U	0.21 U	0.16 U	0.14 U	0.2 U	0.16 UJ	0.16 U	1.8 U	0.27 U
E-SB-1583-2-4	E-SB-1583	2	4	20170206	0.18 UJ	0.16 U	0.23 U	0.17 U	0.19 U	0.15 U	0.13 U	0.18 U	0.14 UJ	0.14 U	1.6 U	0.25 U
E-SB-1583-4-6	E-SB-1583	4	6	20170206	0.18 UJ	0.37 J	0.22 U	0.17 U	0.19 U	0.15 U	0.13 U	0.18 U	0.14 UJ	0.14 U	1.6 U	0.25 U
E-SB-1583-6-8	E-SB-1583	6	8	20170206	0.2 U	0.98 U	0.24 U	0.18 U	0.2 U	0.16 U	0.14 U	0.2 U	0.15 U	0.15 U	1.7 U	0.27 U
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
E-SB-1579-4-6	E-SB-1579	4	6	20170203	--	0.24 U	0.28 U	--	0.27 U	0.15 U	0.3 J	0.17 U	0.61 U	0.2 U	NORMAL
E-SB-1579-6-8	E-SB-1579	6	8	20170203	--	0.25 U	0.29 U	--	0.28 U	0.15 U	1.6 J	0.18 U	0.64 U	0.21 U	NORMAL
E-SB-1580-2-4	E-SB-1580	2	4	20170203	--	0.29 U	0.35 U	--	0.33 U	0.18 U	0.86 J	0.21 U	0.75 U	0.24 U	NORMAL
E-SB-1580-4-6	E-SB-1580	4	6	20170203	--	0.24 U	0.28 U	--	0.27 U	0.15 U	0.96 J	0.17 U	0.61 U	0.2 U	NORMAL
E-SB-1580-6-8	E-SB-1580	6	8	20170203	--	0.24 U	0.28 U	--	0.26 U	0.15 U	35	0.17 U	0.6 U	0.19 U	NORMAL
E-SB-1581-2-4	E-SB-1581	2	4	20170203	--	0.26 U	0.3 U	--	0.29 U	0.16 U	0.31 U	0.18 U	0.65 U	0.21 U	NORMAL
E-SB-1581-4-6	E-SB-1581	4	6	20170203	--	0.25 U	0.3 U	--	0.28 U	0.16 U	0.53 J	0.18 U	0.64 U	0.21 U	NORMAL
E-SB-1581-6-8	E-SB-1581	6	8	20170203	--	0.51 J	0.66 J	--	0.34 U	0.19 U	0.37 U	0.22 U	0.79 U	0.25 U	NORMAL
E-SB-1581-6-8-AVG	E-SB-1581	6	8	20170203	--	0.32	0.645	--	0.315 U	0.175 U	0.345 U	0.205 U	0.73 U	0.235 U	NORMAL
E-SB-1581-6-8-D	E-SB-1581	6	8	20170203	--	0.26 U	0.63 J	--	0.29 U	0.16 U	0.32 U	0.19 U	0.67 U	0.22 U	NORMAL
E-SB-1582-2-4	E-SB-1582	2	4	20170206	--	0.24 U	0.28 U	--	0.27 U	0.15 U	0.29 U	0.17 U	0.62 UJ	0.2 U	NORMAL
E-SB-1582-4-6	E-SB-1582	4	6	20170206	--	0.24 U	0.28 U	--	0.26 U	0.15 U	0.28 U	0.17 U	0.6 UJ	0.19 U	NORMAL
E-SB-1582-6-8	E-SB-1582	6	8	20170206	--	0.25 U	0.3 U	--	0.28 U	0.16 U	0.3 U	0.18 U	0.64 UJ	0.21 U	NORMAL
E-SB-1583-2-4	E-SB-1583	2	4	20170206	--	0.23 U	0.27 U	--	0.26 U	0.14 U	0.28 U	0.16 U	0.6 UJ	0.19 U	NORMAL
E-SB-1583-4-6	E-SB-1583	4	6	20170206	--	0.23 U	0.27 U	--	0.25 U	0.14 U	0.27 U	0.16 U	0.58 UJ	0.19 U	NORMAL
E-SB-1583-6-8	E-SB-1583	6	8	20170206	--	0.25 U	0.29 U	--	0.28 U	0.15 U	0.3 U	0.17 U	0.63 U	0.2 U	NORMAL
E-SB-1584-2-4	E-SB-1584	2	4	20170131	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1584-4-6	E-SB-1584	4	6	20170131	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1584-6-8	E-SB-1584	6	8	20170131	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1584-8-10	E-SB-1584	8	10	20170131	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1585-2-4	E-SB-1585	2	4	20170131	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1585-4-6	E-SB-1585	4	6	20170131	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1585-6-8	E-SB-1585	6	8	20170131	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1585-8-10	E-SB-1585	8	10	20170131	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1586-6-8	E-SB-1586	6	8	20170207	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1586-8-10	E-SB-1586	8	10	20170207	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1587-6-8	E-SB-1587	6	8	20170207	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1587-8-10	E-SB-1587	8	10	20170207	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1588-6-8	E-SB-1588	6	8	20170206	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1588-8-10	E-SB-1588	8	10	20170206	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1589-2-3	E-SB-1589	2	3	20170125	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1590-4-6	E-SB-1590	4	6	20170207	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1590-6-8	E-SB-1590	6	8	20170207	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1590-8-10	E-SB-1590	8	10	20170207	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1591-4-6	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1591-4-6-AVG	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1591-4-6-D	E-SB-1591	4	6	20170206	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1591-6-8	E-SB-1591	6	8	20170206	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1591-8-10	E-SB-1591	8	10	20170206	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1592-4-6	E-SB-1592	4	6	20170131	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1592-6-8	E-SB-1592	6	8	20170131	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1592-8-10	E-SB-1592	8	10	20170131	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1593-2-3	E-SB-1593	2	3	20170125	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1594-2-3	E-SB-1594	2	3	20170125	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1595-2-4	E-SB-1595	2	4	20170131	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1595-4-6	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1595-4-6-AVG	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1595-4-6-D	E-SB-1595	4	6	20170131	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1595-6-8	E-SB-1595	6	8	20170131	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1595-8-10	E-SB-1595	8	10	20170131	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1596-2-4	E-SB-1596	2	4	20170206	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1596-4-6	E-SB-1596	4	6	20170206	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1596-6-8	E-SB-1596	6	8	20170206	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1596-8-10	E-SB-1596	8	10	20170206	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1597-6-8	E-SB-1597	6	8	20170111	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1597-8-10	E-SB-1597	8	10	20170111	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1598-8-10	E-SB-1598	8	10	20170111	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1599-8-10	E-SB-1599	8	10	20170111	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1600-8-10	E-SB-1600	8	10	20170111	--	--	--	--	--	--	--	--	--	--	NORMAL

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-233	URANIUM-234	URANIUM-235
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268
					PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	16 U	910	9.4 U	24 U
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U	16 U	80	9.2 U	23 U
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	53 U	51 U	35 U	44 U	38 U	31 U	1800	18 U	44 U
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	5600 U	5300 U	3700 U	4600 U	3900 U	3200 U	300000	1900 U	4600 U
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U	16 U	200	9.2 U	23 U
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	30 U	29 U	20 U	25 U	21 U	17 U	350	10 U	25 U
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	110	9.3 U	23 U
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	16 U	170	9.4 U	24 U
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	1300	9.4 U	24 U
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	73	9.3 U	23 U
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	28 U	27 U	18.5 U	23 U	20 U	16 U	48	9.25 U	23 U
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U	16 U	23 J	9.2 U	23 U
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	30 U	29 U	20 U	25 U	22 U	18 U	45 J	10 U	25 U
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U	9.4 U	23 U
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U	9.3 U	23 U
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	21 U	9.1 U	23 U
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	21 U	9.1 U	23 U
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	21 U	9.1 U	23 U
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U	9.3 U	23 U
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U	9.4 U	23 U
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	21 U	9.5 U	24 U
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	21 U	9.4 U	24 U
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U	16 U	21 U	9.2 U	23 U
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	21 U	9.1 U	23 U
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	20 U	9 U	23 U
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	2800 U	2700 U	1900 U	2300 U	2000 U	1600 U	52000 J	930 U	2300 U
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	4150 U	3950 U	2750 U	3450 U	2950 U	2400 U	136000	1365 U	3450 U
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	5500 U	5200 U	3600 U	4600 U	3900 U	3200 U	220000 J	1800 U	4600 U
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U	16 U	28 J	9.2 U	23 U
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	30 U	28 U	20 U	25 U	21 U	17 U	22 U	9.9 U	25 U
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	120	9.4 U	24 U
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U	9.3 U	23 U
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	16000 U	15000 U	11000 U	13000 U	11000 U	9300 U	340000	5300 U	13000 U
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	2900 U	2800 U	1900 U	2400 U	2000 U	1700 U	100000	960 U	2400 U
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	21 U	9.5 U	24 U
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	29 J	9.3 U	23 U
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	28 U	27 U	19 U	23.5 U	20 U	16.5 U	179.5	9.4 U	23.5 U
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	330 J	9.5 U	24 U
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	14000 U	13000 U	9200 U	11000 U	9700 U	8000 U	240000	4600 U	11000 U
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	470	9.3 U	23 U
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	560 U	530 U	370 U	460 U	390 U	320 U	22000	190 U	460 U
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	540 U	510 U	360 U	450 U	380 U	310 U	31000	180 U	450 U
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	160	9.4 U	23 U
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	71	9.4 U	23 U
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U	9.4 U	23 U
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U	17 U	22 U	9.6 U	24 U
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U	17 U	22 U	9.7 U	24 U
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U	100 J	21 U	9.2 U	23 U
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	140 U	130 U	93 U	120 U	99 U	1700 J	100 U	47 U	120 U
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U	16 U	21 U	9.2 U	23 U
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U	17 U	41 J	9.6 U	24 U
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	260 U	250 U	170 U	220 U	190 U	5700 J	200 U	87 U	220 U
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	27 U	25 U	18 U	22 U	19 U	22 J	20 U	8.9 U	22 U
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	20 U	8.9 U	22 U
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	54000 U	52000 U	36000 U	45000 U	39000 U	3500000 J	41000 U	18000 U	45000 U
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U	26 J	21 U	9.2 U	23 U
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U	9.4 U	23 U
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	20 U	8.9 U	22 U
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	25 U	24 U	17 U	21 U	18 U	15 U	19 U	8.4 U	21 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
					PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	910	993.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	80	162.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	1800	1957	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	300000	316400	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	200	282.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	350	438.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	110	192.65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	170	253.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	1300	1384.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	73	155.65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	48	130.375	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	23	105.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	45	134.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	0 U	93.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	0 U	93.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	0 U	91.05	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	0 U	91.05	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	0 U	91.05	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	0 U	93.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	0 U	93.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	0 U	94.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	0 U	94.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	0 U	92.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	0 U	91.05	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	0 U	90.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	52000	60265	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	136000	148232.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	220000	236200	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	28	109.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	0 U	98.95	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	120	204.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	0 U	93.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	340000	386800	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	100000	108530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	0 U	94.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	29	111.65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	179.5	262.95	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	330	414.25	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	240000	280250	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	470	552.65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	22000	23640	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	31000	32590	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	160	242.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	71	153.7	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	0 U	93.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	0 U	96.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	0 U	96.85	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	100	184.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	1700	2124.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	0 U	92.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	41	126.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	5700	6498.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	22	102.95	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	0 U	89.45	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	3500000	3665000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	26	110.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	0 U	93.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	0 U	89.45	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	0 U	84.2	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE
					PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	270	--	--	14 U	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	28 J	2 U	52	145.47	143.62	--	130	110	140	52
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	75	170	3.7 U	360	41	57	4.7 U	290	270	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214	POTASSIUM-40
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	20 U	120 U	54 U	140 U	50 U	110 U	110 U	120 U	96 U	120 U
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	2.6 U	47 U	2.8 U	62 U	52 U	47 U	110 U	100 U	91 U	52 U	74 U	120 U	96 U	74 U
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	150 U	96 U	--	--	52 U	--	52 U	--	--	68 U	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	120 U	11 U	110 U	57 U	210 U	150 U	--	--	3.7 U	91 U	96 U	85 U
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	45 U	--	--	12 U	32 U	46 UR	51 U	--	74 U	--	12 U	91 U	36 U	120 U
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	52 U	--	41 U	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-
					TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	SILANOL, DIMETHYL(1,1,2-TRIMETHYLPROPYL)	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]	UNKNOWN [2.17]
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	UNKNOWN [3.57]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	HEXANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
E-SB-1601-8-10	E-SB-1601	8	10	20170111	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1602-2-4	E-SB-1602	2	4	20170112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1602-4-6	E-SB-1602	4	6	20170112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1602-6-8	E-SB-1602	6	8	20170112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1603-2-4	E-SB-1603	2	4	20170112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1603-4-6	E-SB-1603	4	6	20170112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1603-6-8	E-SB-1603	6	8	20170112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1604-4-6	E-SB-1604	4	6	20170112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1604-6-8	E-SB-1604	6	8	20170112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1604-8-10	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1604-8-10-AVG	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1604-8-10-D	E-SB-1604	8	10	20170112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1605-4-6	E-SB-1605	4	6	20170112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1605-6-8	E-SB-1605	6	8	20170112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1605-8-10	E-SB-1605	8	10	20170112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1606-4-6	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1606-4-6-AVG	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1606-4-6-D	E-SB-1606	4	6	20170112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1606-6-8	E-SB-1606	6	8	20170112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1606-8-10	E-SB-1606	8	10	20170112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1607-4-6	E-SB-1607	4	6	20170112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1607-6-8	E-SB-1607	6	8	20170112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1607-8-10	E-SB-1607	8	10	20170112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1613-02-04	E-SB-1613	2	4	20170105	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1613-04-06	E-SB-1613	4	6	20170105	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1613-06-08	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1613-06-08-AVG	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1613-06-08-D	E-SB-1613	6	8	20170105	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1613-08-10	E-SB-1613	8	10	20170105	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1615-4-6	E-SB-1615	4	6	20170106	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1615-6-8	E-SB-1615	6	8	20170106	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1615-8-10	E-SB-1615	8	10	20170106	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1616-2-4	E-SB-1616	2	4	20170106	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1616-4-6	E-SB-1616	4	6	20170106	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1616-6-8	E-SB-1616	6	8	20170106	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1616-8-10	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1616-8-10-AVG	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1616-8-10-D	E-SB-1616	8	10	20170106	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1617-9-11	E-SB-1617	9	11	20170106	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1618-2-4	E-SB-1618	2	4	20170113	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1618-4-6	E-SB-1618	4	6	20170113	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1618-6-8	E-SB-1618	6	8	20170113	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1618-8-10	E-SB-1618	8	10	20170113	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1622-2-4	E-SB-1622	2	4	20170116	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1622-4-6	E-SB-1622	4	6	20170116	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1622-6-8	E-SB-1622	6	8	20170116	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1622-8-10	E-SB-1622	8	10	20170116	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1626-2-4	E-SB-1626	2	4	20170124	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1626-4-6	E-SB-1626	4	6	20170124	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1626-6-8	E-SB-1626	6	8	20170124	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1627-2-4	E-SB-1627	2	4	20170124	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1627-4-6	E-SB-1627	4	6	20170124	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1627-6-8	E-SB-1627	6	8	20170124	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1633-2-4	E-SB-1633	2	4	20170123	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1713-2-3	E-SB-1713	2	3	20170125	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1718-2-3	E-SB-1718	2	3	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1718-3-4	E-SB-1718	3	4	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1721-2-3	E-SB-1721	2	3	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1721-3-4	E-SB-1721	3	4	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.94 U	3	16 J	3.1
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.885 U	2.2	13.5	2.55
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.83 U	1.4 J	11 J	2
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.51 UJ	3.6	11 J	2.5
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.42 UJ	3.5 J	7.4 J	0.33 U
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.56 UJ	2 J	6.3 J	0.32 U
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.56 UJ	2 J	6.3 J	0.32 U
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.48 UJ	3.9 J	6.9 J	0.72 J
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.53 UJ	4.5 J	5.9 J	1.2 J
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.47 U	3	5.5 J	1
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.49 U	2.15	4.75	0.825
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.51 U	1.3 J	4 J	0.65
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.41 U	4.7	9.5 J	1.6
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-233	URANIUM-234	URANIUM-235
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	0.053 J	16	6	8.4	--	7.5	--	0.023 U	0.27 J	19	0.67 U	0.062 U	0.24 J	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	0.0355	13.5	5.1	8.1	--	5.85	--	0.021 U	0.19	17	0.63 U	0.086 U	0.24 J	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	0.036 U	11	4.2	7.8	--	4.2	--	0.019 U	0.11 J	15	0.59 U	0.11 U	0.36 U	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	0.022 J	14 J	7.4	17	--	5.3 J	--	0.019 U	0.16 J	21	0.36 U	0.067 U	0.58 U	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	0.018 UJ	11 J	1.5	9.2	--	3.2 J-	--	0.022 UJ	0.18 J	4.3	0.30 UJ	0.055 UJ	0.23 J	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	0.024 UJ	5.6 J	1.3	4.4	--	2.4 J-	--	0.022 UJ	0.28 J	3 U	0.39 UJ	0.073 UJ	0.15 U	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	0.024 UJ	5.6 J	1.3	4.4	--	2.4 J-	--	0.022 UJ	0.28 J	3 U	0.39 UJ	0.073 UJ	0.15 U	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	0.021 UJ	9.8 J	2.5	8.8	--	3.5 J-	--	0.021 UJ	0.27 J	7.4	0.34 UJ	0.063 UJ	0.13 U	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	0.023 UJ	9.5 J	4.4	8.5	--	3.5 J-	--	0.022 UJ	0.15 J	13	0.37 UJ	0.069 UJ	0.31 J	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	0.087 J	13	5.9 J	8.8	--	4.2	--	0.024 U	0.15 U	9.9	0.33 U	0.062 U	0.13 U	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	0.0695	12.5	4.75	7.9	--	3.8	--	0.023 U	0.1065 U	8.65	0.345 U	0.0645 U	0.135 U	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	0.052 J	12	3.6 J	7	--	3.4	--	0.022 U	0.063 U	7.4	0.36 U	0.067 U	0.14 U	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	0.089 J	15	6.2	18	--	5.4	--	0.022 U	0.077 U	15	0.29 U	0.054 U	0.11 U	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	26 J	31	--	--	--	--	5.5	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	20	26	--	--	--	--	5.35	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	14 J	21	--	--	--	--	5.2	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	21 J	38	--	--	--	--	5.4	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	21 J-	11 J	--	--	--	--	4.5	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	11 J-	8.5 J	--	--	--	--	7.2	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	11 J-	8.5 J	--	--	--	--	7.2	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	19 J-	15 J	--	--	--	--	5.7	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	20 J-	21 J	--	--	--	--	7.1	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	19	18	--	--	--	--	7.4	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	19	15.5	--	--	--	--	7	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	19	13	--	--	--	--	6.6	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	28	30	--	--	--	--	6.2	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268
					PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U	17 U	69	9.5 U	24 U
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U	16 U	25 J	9.2 U	23 U
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U	16 U	540 J	9.2 U	23 U
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	70014 U	65013 U	46509 U	60011.5 U	49510 U	41008 U	375270	23504.6 U	60011.5 U
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	14000 U	13000 U	93000 U	120000 U	99000 U	82000 U	750000 J	47000 U	120000 U
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	20 U	8.9 U	22 U
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	21 U	9.5 U	24 U
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	27.5 U	26.5 U	18.5 U	23 U	19.5 U	16.5 U	20.5 U	9.2 U	23 U
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	20 U	8.9 U	22 U
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U	9.4 U	23 U
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U	9.3 U	23 U
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U	17 U	160	9.7 U	24 U
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U	17 U	21 U	9.6 U	24 U
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U	17 U	22 U	9.7 U	24 U
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	20 U	9.1 U	23 U
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U	9.3 U	23 U
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	16 U	21 U	9.4 U	24 U
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	28 U	26 U	18 U	23 U	44 J	16 U	21 U	9.2 U	23 U
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	28 J	21 U	9.4 U	23 U
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	26 U	25 U	17 U	22 U	18 U	30 J	19 U	8.6 U	22 U
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	26.5 U	25.5 U	17.5 U	22.5 U	18.5 U	35	19.5 U	8.85 U	22.5 U
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	40 J	20 U	9.1 U	23 U
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	26 U	25 U	18 U	22 U	19 U	15 U	40 J	8.8 U	22 U
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U	17 U	34 J	9.6 U	24 U
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	5700 U	5400 U	3800 U	4700 U	4000 U	3300 U	250000	1900 U	4700 U
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	5600 U	5400 U	3700 U	4700 U	4000 U	3300 U	310000	1900 U	4700 U
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	1400 U	1300 U	940 U	1200 U	1000 U	820 U	45000	470 U	1200 U
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	14000 U	14000 U	96000 U	120000 U	100000 U	84000 U	5900000 J	48000 U	120000 U
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	84500 U	84000 U	57500 U	72000 U	60000 U	50500 U	3430000	28800 U	72000 U
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	29000 U	28000 U	19000 U	24000 U	20000 U	17000 U	960000 J	9600 U	24000 U
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	14000 U	14000 U	9400 U	12000 U	10000 U	8200 U	470000	4700 U	12000 U
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	280 U	270 U	190 U	240 U	200 U	170 U	4300	95 U	240 U
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	2900 U	2800 U	1900 U	2400 U	2100 U	1700 U	66000 J	970 U	2400 U
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	2900 U	2800 U	1900 U	2400 U	2050 U	1700 U	52000	965 U	2400 U
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	2900 U	2800 U	1900 U	2400 U	2000 U	1700 U	38000 J	960 U	2400 U
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	3000 U	2900 U	2000 U	2500 U	2100 U	1800 U	45000	1000 U	2500 U
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U	17 U	75	9.6 U	24 U
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	21 U	9.5 U	24 U
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	29 U	28 U	20 U	25 U	21 U	17 U	22 U	9.8 U	25 U
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U	16 U	21 U	9.2 U	23 U
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	140 U	130 U	91 U	110 U	97 U	2500 J	100 U	46 U	110 U
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	200 U	190 U	135.5 U	165 U	143.5 U	4450	150 U	67 U	165 U
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	260 U	250 U	180 U	220 U	190 U	6400 J	200 U	88 U	220 U
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	64 J	21 U	9.3 U	23 U
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U	42 J	22 U	9.6 U	24 U
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	18 J	20 U	9 U	23 U
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U	22 J	22 U	9.7 U	24 U
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	28.5 U	27 U	18.5 U	23.5 U	20.5 U	31.5	21.5 U	9.45 U	23.5 U
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U	41 J	21 U	9.2 U	23 U
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	18 J	20 U	9 U	22 U
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	23 J	21 U	9.5 U	24 U
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U	17 U	22 U	9.6 U	24 U
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	580	21 U	9.3 U	23 U
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	26 U	25 U	18 U	22 U	19 U	27 J	20 U	8.8 U	22 U
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U	200	21 U	9.6 U	24 U
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	26 U	25 U	17 U	22 U	19 U	32 J	20 U	8.7 U	22 U
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	79	20 U	8.9 U	22 U
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U	64	21 U	9.2 U	23 U
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	56000 U	54000 U	37000 U	47000 U	40000 U	1100000	42000 U	19000 U	47000 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
					PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	69	153.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	25	107.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	540	621.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	375270	583060.8	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	750000	1165500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	0 U	89.45	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	0 U	94.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	0 U	92.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	0 U	89.45	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	0 U	93.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	0 U	93.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	160	245.85	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	0 U	95.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	0 U	96.85	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	0 U	90.55	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	0 U	93.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	0 U	94.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	44	126.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	28	113.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	30	108.8	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	35	115.675	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	40	122.55	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	40	117.9	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	34	118.8	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	250000	266750	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	310000	326650	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	45000	49165	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	5900000	6324000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	3430000	3684650	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	960000	1045300	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	470000	512150	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	4300	5142.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	66000	74585	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	52000	60557.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	38000	46530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	45000	53900	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	75	160.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	0 U	94.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	0 U	98.4	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	0 U	92.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	2500	2912	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	4450	5058	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	6400	7204	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	64	149.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	42	130.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	18	100.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	22	110.35	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	31.5	117.725	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	41	125.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	18	99.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	23	109.25	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	0 U	96.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	580	665.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	27	107.4	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	200	286.8	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	32	111.85	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	79	160.45	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	64	148.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	1100000	1271000	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE
					PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214	POTASSIUM-40
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-
					TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	SILANOL, DIMETHYL(1,1,2-TRIMETHYLPROPYL)	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]	UNKNOWN [2.17]
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	UNKNOWN [3.57]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	HEXANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
E-SB-1722-2-3	E-SB-1722	2	3	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1722-3-4	E-SB-1722	3	4	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1728-8-10	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1728-8-10-AVG	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1728-8-10-D	E-SB-1728	8	10	20171108	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1729-2-4	E-SB-1729	2	4	20171109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1729-4-6	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1729-4-6-AVG	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1729-4-6-D	E-SB-1729	4	6	20171109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1729-6-8	E-SB-1729	6	8	20171109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1729-8-10	E-SB-1729	8	10	20171109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1730-3-4	E-SB-1730	3	4	20171109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1730-4-6	E-SB-1730	4	6	20171109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1730-6-8	E-SB-1730	6	8	20171109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1730-8-10	E-SB-1730	8	10	20171109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1733-4-6	E-SB-1733	4	6	20171109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1733-6-8	E-SB-1733	6	8	20171109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1733-8-10	E-SB-1733	8	10	20171109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1734-4-6	E-SB-1734	4	6	20171110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1734-6-8	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1734-6-8-AVG	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1734-6-8-D	E-SB-1734	6	8	20171110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1734-8-10	E-SB-1734	8	10	20171110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1736-8-10	E-SB-1736	8	10	20171110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1737-6-8	E-SB-1737	6	8	20171109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1737-8-10	E-SB-1737	8	10	20171109	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1738-2-4	E-SB-1738	2	4	20171110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1738-4-6	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1738-4-6-AVG	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1738-4-6-D	E-SB-1738	4	6	20171110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1738-6-8	E-SB-1738	6	8	20171110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1738-8-10	E-SB-1738	8	10	20171110	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1740-6-8	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1740-6-8-AVG	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1740-6-8-D	E-SB-1740	6	8	20171111	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1740-8-10	E-SB-1740	8	10	20171111	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1741-2-4	E-SB-1741	2	4	20171111	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1741-4-6	E-SB-1741	4	6	20171111	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1741-6-8	E-SB-1741	6	8	20171111	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1741-8-10	E-SB-1741	8	10	20171111	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1744-2-4	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1744-2-4-AVG	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1744-2-4-D	E-SB-1744	2	4	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1744-4-6	E-SB-1744	4	6	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1744-6-8	E-SB-1744	6	8	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1744-8-10	E-SB-1744	8	10	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1747-6-8	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1747-6-8-AVG	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1747-6-8-D	E-SB-1747	6	8	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1747-8-10	E-SB-1747	8	10	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1748-2-4	E-SB-1748	2	4	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1748-4-6	E-SB-1748	4	6	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1749-2-4	E-SB-1749	2	4	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1749-4-6	E-SB-1749	4	6	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1750-3-4	E-SB-1750	3	4	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1750-4-6	E-SB-1750	4	6	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1750-6-8	E-SB-1750	6	8	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1750-8-10	E-SB-1750	8	10	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1751-2-3	E-SB-1751	2	3	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-233	URANIUM-234	URANIUM-235
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268
					PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	1100	21 U	9.3 U	23 U
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	35 J	21 U	9.3 U	23 U
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	41 J	20 U	9.1 U	23 U
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	41 J	21 U	9.4 U	23 U
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	130	21 U	9.1 U	23 U
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U	17 U	22 U	9.6 U	24 U
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	53 U	51 U	35 U	44 U	38 U	1700	40 U	18 U	44 U
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	26 U	25 U	17 U	21 U	18 U	690 J	19 U	8.5 U	21 U
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U	16 U	21 U	9.2 U	23 U
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U	9.3 U	23 U
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U	9.3 U	23 U
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	21 U	9.3 U	23 U
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	5400 U	5200 U	3600 U	4500 U	3900 U	74000	4100 U	1800 U	4500 U
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	140 U	140 U	95 U	120 U	100 U	2500	110 U	48 U	120 U
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	100	20 U	8.9 U	22 U
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	54	25.5	8.95 U	22 U
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	41 J	9 U	22 U
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	29 U	28 U	20 U	24 U	21 U	45 J	22 U	9.8 U	24 U
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U	20 J	22 U	9.6 U	24 U
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U	520	21 U	9.5 U	24 U
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U	30 J	21 U	9.2 U	23 U
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	22 U	17 U	15 U	14 U	18 U	18 U	18 U	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	27 U	20 U	18 U	17 U	22 U	22 U	22 U	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	27 U	20 U	18 U	17 U	22 U	22 U	22 U	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	23 U	17 U	15 U	14 U	18 U	18 U	96	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	22 U	17 U	15 U	14 U	18 U	18 U	18 U	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	21.5 U	16.5 U	14.5 U	13.5 U	17.5 U	17.5 U	17.5 U	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	21 U	16 U	14 U	13 U	17 U	17 U	17 U	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	54	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	26 U	19 U	17 U	16 U	21 U	21 U	21 U	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	37 J	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	27 U	20 U	18 U	16 U	22 U	22 U	60 J	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	26.5 U	20 U	17.5 U	16 U	21.5 U	21.5 U	41.5	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	23 J	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	21 U	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	26 U	19.5 U	17 U	16 U	21 U	21 U	21 U	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	26 U	19 U	17 U	16 U	21 U	21 U	21 U	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	26 U	20 U	18 U	16 U	21 U	21 U	21 U	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	21 U	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	37	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	26 U	20 U	18 U	16 U	21 U	21 U	21 U	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	25 U	19 U	17 U	16 U	21 U	21 U	21 U	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
					PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	1100	1185.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	35	120.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	41	123.55	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	41	126.2	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	130	213.05	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	0 U	96.3	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	1700	1861.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	690	767.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	0 U	92.6	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	0 U	93.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	0 U	93.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	0 U	93.15	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	74000	90500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	2500	2936.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	100	181.45	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	70.5	150.975	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	41	120.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	45	133.9	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	20	107.8	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	520	606.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	30	114.1	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	0 U	61	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	0 U	74	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	0 U	74	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	96	148.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	0 U	67.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	0 U	61	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	0 U	59.25	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	0 U	57.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	54	111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	0 U	68	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	0 U	70.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	37	92.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	60	122.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	41.5	103	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	23	83.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	0 U	68	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	0 U	71	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	0 U	70.75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	0 U	70.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	0 U	68	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	0 U	71.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	0 U	71	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	37	92.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	0 U	67	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	0 U	67	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	0 U	67	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	0 U	71.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	0 U	70	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	0 U	68	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	0 U	68	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE
					PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214	POTASSIUM-40
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-
					TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	SILANOL, DIMETHYL(1,1,2-TRIMETHYLPROPYL)	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]	UNKNOWN [2.17]
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	UNKNOWN [3.57]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	HEXANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
E-SB-1751-3-4	E-SB-1751	3	4	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1751-4-6	E-SB-1751	4	6	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1751-6-8	E-SB-1751	6	8	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1751-8-10	E-SB-1751	8	10	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1752-3-4	E-SB-1752	3	4	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1752-4-6	E-SB-1752	4	6	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1753-3-4	E-SB-1753	3	4	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1753-4-6	E-SB-1753	4	6	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1753-6-8	E-SB-1753	6	8	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1753-8-10	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1753-8-10-AVG	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1753-8-10-D	E-SB-1753	8	10	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1754-2-3	E-SB-1754	2	3	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1754-3-4	E-SB-1754	3	4	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1754-4-6	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1754-4-6-AVG	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1754-4-6-D	E-SB-1754	4	6	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1754-6-8	E-SB-1754	6	8	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1754-8-10	E-SB-1754	8	10	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1755-3-4	E-SB-1755	3	4	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-1755-4-6	E-SB-1755	4	6	20171112	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-818-03	SB-818	3	3	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-818-05	SB-818	5	5	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-818-07	SB-818	7	7	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-818-09	SB-818	9	9	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-819-03	SB-819	3	3	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-819-05	SB-819	5	5	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-819-07	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-819-07-AVG	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-819-07-D	SB-819	7	7	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-819-09	SB-819	9	9	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-820-03	SB-820	3	3	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-820-05	SB-820	5	5	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-820-07	SB-820	7	7	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-820-09	SB-820	9	9	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-821-03	SB-821	3	3	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-821-05	SB-821	5	5	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-821-07	SB-821	7	7	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-821-09	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-821-09-AVG	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-821-09-D	SB-821	9	9	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-822-03	SB-822	3	3	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-822-05	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-822-05-AVG	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-822-05-D	SB-822	5	5	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-822-07	SB-822	7	7	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-822-09	SB-822	9	9	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-823-05	SB-823	5	5	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-823-07	SB-823	7	7	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-824-03	SB-824	3	3	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-824-05	SB-824	5	5	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-824-07	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-824-07-AVG	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-824-07-D	SB-824	7	7	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-824-09	SB-824	9	9	20100915	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-825-03	SB-825	3	3	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-825-05	SB-825	5	5	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-825-07	SB-825	7	7	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-825-09	SB-825	9	9	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C1-FLUORANTHENES/PYRENES ALKYLATED PAHS (UG/KG)	C1-FLUORENES ALKYLATED PAHS (UG/KG)	C1-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	C2-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C2-FLUORENES ALKYLATED PAHS (UG/KG)	C2-NAPHTHALENES ALKYLATED PAHS (UG/KG)	C2-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	C3-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C3-FLUORENES ALKYLATED PAHS (UG/KG)	C3-NAPHTHALENES ALKYLATED PAHS (UG/KG)	C3-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	C4-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C4-NAPHTHALENES ALKYLATED PAHS (UG/KG)	C4-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	ANTIMONY METALS (MG/KG)	ARSENIC METALS (MG/KG)	BARIUM METALS (MG/KG)	BERYLLIUM METALS (MG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	490 J	370 J	170 J	81 U	580 J	330 J	81 U	460 J	430 J	320 J	500 J	620 J	350 J	2300 J	660 J	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	90 U	90 U	90 U	90 U	90 U	90 U	90 U	90 U	90 U	90 U	90 U	90 U	90 U	90 U	90 U	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.031 U	0.61 J	6.2	1.3	
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-233	URANIUM-234	URANIUM-235
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	0.011 B	3.2	5.3	4.3	10900	1.7	13.6	0.02 U	0.082 U	8.6	0.59 J	0.021 U	0.017 U	--	--	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	3	43.7	--	--	--	--	--	--	--	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268
					PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 UJ	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	480 U	370 U	320 U	300 U	390 U	390 U	2500 J	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	25000 U	19000 U	16000 U	15000 U	20000 U	20000 U	260000 J	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	300	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	26 U	19 U	17 U	16 U	21 U	21 U	130	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 UJ	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 UJ	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	28 U	21 U	19 U	17 U	23 U	23 U	23 UJ	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	20 UJ	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	21 U	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	23 U	17 U	15 U	14 U	18 U	18 U	18 U	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	63	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	29 U	22 U	20 U	18 U	24 U	24 U	24 U	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	28 U	21 U	18 U	17 U	22 U	22 U	22 U	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	330	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	140	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	--	--	--	14000 U	10000 U	91000 U	850000 U	1100000 U	1100000 U	24000000	--	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	26000 U	20000 U	17000 U	160000 U	210000 U	210000 U	510000	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	110	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	520	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	150	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	50	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	24 J	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	26 U	19 U	17 U	16 U	21 U	21 U	21 U	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	27 U	20 U	18 U	16 U	22 U	22 U	22 U	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	48	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	12000 U	9300 U	8100 U	7600 U	9900 U	9900 U	180000	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	250	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	260 U	200 U	170 U	160 U	210 U	210 U	2300	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	100	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	27 U	20 U	18 U	17 U	22 U	22 U	83	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	77	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	25000 U	19000 U	17000 U	16000 U	21000 U	21000 U	220000	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	160	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	39 J	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	70	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	12000 U	94000 U	82000 U	76000 U	100000 U	100000 U	970000	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	5000 U	3800 U	3300 U	3100 U	4000 U	4000 U	35000	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	73	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	510 U	390 U	340 U	320 U	410 U	410 U	4500	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	12000 U	93000 U	81000 U	75000 U	99000 U	99000 U	700000	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	51 U	39 U	34 U	32 U	41 U	41 U	240	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	120 U	93 U	81 U	75 U	99 U	99 U	860	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
					PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)
E-SB-826-05	SB-826	5	5	20100916	0 U	68	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	0 U	68	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	0 U	67	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	0 U	68	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	2500	3625	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	260000	317500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	300	357	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	130	190	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	0 U	67.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	0 U	77	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	0 U	67	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	0 U	67.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	0 U	67.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	0 U	71	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	0 U	61.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	0 U	67	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	0 U	68	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	63	119.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	0 U	80.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	0 U	75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	330	387.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	140	198	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	24000000	27180000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	510000	1115000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	110	167.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	520	580.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	150	206.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	50	107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	24	81.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	0 U	70.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	0 U	73.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	48	106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	180000	208400	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	250	308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	2300	2905	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	100	160.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	83	146	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	77	137.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	0 U	67.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	0 U	67	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	220000	279500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	160	217	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	39	97.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	70	127.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	970000	1256000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	35000	46600	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	73	131.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	4500	5690	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	700000	983500	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	240	359	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	860	1143.5	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE
					PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	1500000	280 U	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	--	--	--	--	--	--	--	28000000	630 J	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	140000 J	--	--	100 U
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	110 J	--	--	3.9 U
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	86 J	--	--	4.1 U
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	64 J	--	--	3.8 U
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	3.8 U
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	3.9 U
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	4 U
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	4 U
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	4.2 U
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	3.9 U
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	1900000 J	56 J	--	--	77 U
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	3300 U	55 U	--	--	3.9 U
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	3400 U	56 U	--	--	4 U
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	4.1 U
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	4.2 U
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	4 U
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	3.9 U
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	3.8 U
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	460000 K	1600 J	--	--	40 U
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	3.8 U
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	4 U
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	3.9 U
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	310000 J	110 J	--	--	39 U
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	3.9 U
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	3.9 U
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	7300 J	56 UJ	--	--	4 U
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	450000 J	5000	--	--	38 U
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	4 U
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	3.8 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	11000 U	27000	11000 U	28000	39347	33242	--	35000	27000	27000	11000 U
E-SB-833A-06	SB-833A	6	6	20101012	100 U	100 U	100 U	100 U	400.97	340.47	--	100 U	290	500	100 U
E-SB-833B-04	SB-833B	4	4	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-833B-06	SB-833B	6	6	20101012	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	4.1 U	4.1 U	4.1 U	4.1 U
E-SB-833B-08	SB-833B	8	8	20101012	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-833C-04	SB-833C	4	4	20101012	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-833C-06	SB-833C	6	6	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-833C-08	SB-833C	8	8	20101012	4 U	4 U	4 U	4 U	4 U	4 U	--	4 U	4 U	4 U	4 U
E-SB-833D-04	SB-833D	4	4	20101012	4 U	4 U	4 U	4 U	4 U	4 U	--	4 U	4 U	4 U	4 U
E-SB-833D-06	SB-833D	6	6	20101012	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	--	4.2 U	4.2 U	4.2 U	4.2 U
E-SB-833D-08	SB-833D	8	8	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-833E-06	SB-833E	6	6	20101012	77 U	77 U	77 U	77 U	77 U	77 U	--	77 U	77 U	77 U	77 U
E-SB-833F-04	SB-833F	4	4	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-833F-06	SB-833F	6	6	20101012	4 U	4 U	4 U	4 U	4 U	4 U	--	4 U	4 U	4 U	4 U
E-SB-833F-08	SB-833F	8	8	20101012	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	4.1 U	4.1 U	4.1 U	4.1 U
E-SB-833G-06	SB-833G	6	6	20101012	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	--	4.2 U	4.2 U	4.2 U	4.2 U
E-SB-833G-08	SB-833G	8	8	20101012	4 U	4 U	4 U	4 U	4 U	4 U	--	4 U	4 U	4 U	4 U
E-SB-833H-06	SB-833H	6	6	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-833H-08	SB-833H	8	8	20101012	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-833I-08	SB-833I	8	8	20101013	40 U	40 U	40 U	40 U	40 U	40 U	--	40 U	40 U	40 U	40 U
E-SB-833J-04	SB-833J	4	4	20101013	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-833J-06	SB-833J	6	6	20101013	4 U	4 U	4 U	4 U	4 U	4 U	--	4 U	4 U	4 U	4 U
E-SB-833J-08	SB-833J	8	8	20101013	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-833K-06	SB-833K	6	6	20101013	39 U	39 U	39 U	39 U	39 U	39 U	--	39 U	39 U	39 U	39 U
E-SB-833K-08	SB-833K	8	8	20101013	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-833L-04	SB-833L	4	4	20101013	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-833L-06	SB-833L	6	6	20101013	4 U	4 U	4 U	4 U	4 U	4 U	--	4 U	4 U	4 U	4 U
E-SB-833L-08	SB-833L	8	8	20101013	38 U	38 U	38 U	38 U	38 U	38 U	--	38 U	38 U	38 U	38 U
E-SB-833M-04	SB-833M	4	4	20101013	4 U	4 U	4 U	4 U	4 U	4 U	--	4 U	4 U	4 U	4 U
E-SB-833M-06	SB-833M	6	6	20101013	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	11000 U	42000	11000 U	81000	11000 U	11000 U	11000 U	88000	60000	415000	--
E-SB-833A-06	SB-833A	6	6	20101012	100 U	470	100 U	660	100 U	100 U	310	360	520	3110	--
E-SB-833B-04	SB-833B	4	4	20101012	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	31	3.9 U	3.9 U	31	--
E-SB-833B-06	SB-833B	6	6	20101012	4.1 U	1.4 U	4.1 U	4.1 U	4.1 U	4.1 U	43	4.1 U	4.1 U	43	--
E-SB-833B-08	SB-833B	8	8	20101012	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	200	3.8 U	3.8 U	200	--
E-SB-833C-04	SB-833C	4	4	20101012	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	230	3.8 U	3.8 U	230	--
E-SB-833C-06	SB-833C	6	6	20101012	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	0 U	--
E-SB-833C-08	SB-833C	8	8	20101012	4 U	1.3 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	0 U	--
E-SB-833D-04	SB-833D	4	4	20101012	4 U	1.3 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	0 U	--
E-SB-833D-06	SB-833D	6	6	20101012	4.2 U	1.4 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	0 U	--
E-SB-833D-08	SB-833D	8	8	20101012	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	62	3.9 U	3.9 U	62	--
E-SB-833E-06	SB-833E	6	6	20101012	77 U	26 U	77 U	77 U	77 U	77 U	77 U	77 U	77 U	0 U	--
E-SB-833F-04	SB-833F	4	4	20101012	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	0 U	--
E-SB-833F-06	SB-833F	6	6	20101012	4 U	1.3 U	4 U	4 U	4 U	4 U	17	4 U	4 U	17	--
E-SB-833F-08	SB-833F	8	8	20101012	4.1 U	1.4 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	0 U	--
E-SB-833G-06	SB-833G	6	6	20101012	4.2 U	1.4 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	0 U	--
E-SB-833G-08	SB-833G	8	8	20101012	4 U	1.3 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	0 U	--
E-SB-833H-06	SB-833H	6	6	20101012	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	23	3.9 U	3.9 U	23	--
E-SB-833H-08	SB-833H	8	8	20101012	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	0 U	--
E-SB-833I-08	SB-833I	8	8	20101013	40 U	13 U	40 U	91	40 U	40 U	40 U	40 U	110	201	--
E-SB-833J-04	SB-833J	4	4	20101013	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	0 U	--
E-SB-833J-06	SB-833J	6	6	20101013	4 U	1.3 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	0 U	--
E-SB-833J-08	SB-833J	8	8	20101013	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	0 U	--
E-SB-833K-06	SB-833K	6	6	20101013	39 U	13 U	39 U	39 U	39 U	39 U	39 U	39 U	39 U	0 U	--
E-SB-833K-08	SB-833K	8	8	20101013	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	0 U	--
E-SB-833L-04	SB-833L	4	4	20101013	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	0 U	--
E-SB-833L-06	SB-833L	6	6	20101013	4 U	1.3 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	0 U	--
E-SB-833L-08	SB-833L	8	8	20101013	38 U	13 U	38 U	38 U	38 U	38 U	38 U	38 U	38 U	0 U	--
E-SB-833M-04	SB-833M	4	4	20101013	4 U	1.3 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	0 U	--
E-SB-833M-06	SB-833M	6	6	20101013	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	0 U	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214	POTASSIUM-40
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	--	--	88000 U	72000 U	31000 U	82000 U	260000 U	65000 U	65000 U	260000 U	88000 U	69000 U
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	11000 U	88000 U	--	260000 U	30000 U	88000 U	--	59000 U	52000 U	260000 U	42000 U	69000 U	55000 U	42000 U
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	260000 U	85000 U	260000 U	--	--	30000 U	--	30000 U	--	--	39000 U	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	72000 U	6500 U	62000 U	33000 U	120000 U	88000 U	--	--	11000 U	52000 U	55000 U	49000 U
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	88000 U	--	--	6900 U	88000 U	88000 U	29000 U	--	42000 U	--	7200 U	52000 U	88000 U	69000 U
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	260000 U	--	88000 U	--	--	--	--	--	--	--	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-
					TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	SILANOL, DIMETHYL(1,1,2-TRIMETHYLPROPYL)	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]	UNKNOWN [2.17]
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-06	SB-833A	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-04	SB-833B	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-06	SB-833B	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-08	SB-833B	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-04	SB-833C	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-06	SB-833C	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-08	SB-833C	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-04	SB-833D	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-06	SB-833D	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-08	SB-833D	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-06	SB-833E	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-04	SB-833F	4	4	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-06	SB-833F	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-08	SB-833F	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-06	SB-833G	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-08	SB-833G	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-06	SB-833H	6	6	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-08	SB-833H	8	8	20101012	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-08	SB-833I	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-04	SB-833J	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-06	SB-833J	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-08	SB-833J	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-06	SB-833K	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-08	SB-833K	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-04	SB-833L	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-06	SB-833L	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833L-08	SB-833L	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-04	SB-833M	4	4	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-06	SB-833M	6	6	20101013	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	UNKNOWN [3.57]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	--	23000 U	54000 U	23000 U	--	100000 U	44000 U	46000 U	26000 U	2200000	54000 U	440 U
E-SB-833A-06	SB-833A	6	6	20101012	--	220 U	510 U	220 U	--	940 U	410 U	440 U	240 U	18000	510 U	4.1 U
E-SB-833B-04	SB-833B	4	4	20101012	--	0.45 U	0.41 U	0.25 U	--	0.94 U	0.26 U	0.38 U	0.22 U	0.28 U	0.65 U	0.12 U
E-SB-833B-06	SB-833B	6	6	20101012	--	0.53 U	0.48 U	0.29 U	--	1.1 U	0.31 U	0.45 U	0.26 U	2.2 J	0.78 U	0.69 B
E-SB-833B-08	SB-833B	8	8	20101012	--	0.49 U	0.44 U	0.27 U	--	1 U	0.28 U	0.41 U	0.24 U	2.1 J	0.71 U	0.13 U
E-SB-833C-04	SB-833C	4	4	20101012	--	0.53 U	0.48 U	0.29 U	--	1.1 U	0.31 U	0.45 U	0.26 U	0.33 U	0.78 U	0.15 U
E-SB-833C-06	SB-833C	6	6	20101012	--	0.54 U	0.49 U	0.3 U	--	1.1 U	0.31 U	0.45 U	0.26 U	0.33 U	0.78 U	0.15 U
E-SB-833C-08	SB-833C	8	8	20101012	--	0.58 U	0.53 U	0.32 U	--	1.2 U	0.34 U	0.49 U	0.28 U	0.36 U	0.84 U	0.16 U
E-SB-833D-04	SB-833D	4	4	20101012	--	0.51 U	0.46 U	0.28 U	--	1.1 U	0.3 U	0.43 U	0.25 U	0.31 U	0.74 U	0.14 U
E-SB-833D-06	SB-833D	6	6	20101012	--	0.59 U	0.53 U	0.32 U	--	1.2 U	0.34 U	0.49 U	0.29 U	0.6 J	0.86 U	0.16 U
E-SB-833D-08	SB-833D	8	8	20101012	--	0.56 U	0.5 U	0.31 U	--	1.2 U	0.32 U	0.47 U	0.27 U	65	0.81 U	0.72 B
E-SB-833E-06	SB-833E	6	6	20101012	--	410 U	950 U	400 U	--	1800 U	770 U	820 U	450 U	52000 J	950 U	7.7 U
E-SB-833F-04	SB-833F	4	4	20101012	--	8 U	19 U	7.9 U	--	34 U	15 U	16 U	8.8 U	340 J	19 U	0.15 U
E-SB-833F-06	SB-833F	6	6	20101012	--	8.2 U	19 U	8.1 U	--	35 U	15 U	16 U	9.1 U	380 J	19 U	36 J
E-SB-833F-08	SB-833F	8	8	20101012	--	7.7 U	18 U	7.5 U	--	33 U	14 U	15 U	8.5 U	320 J	18 U	0.14 U
E-SB-833G-06	SB-833G	6	6	20101012	--	0.45 U	0.41 U	0.25 U	--	0.95 U	0.26 U	0.38 U	0.22 U	2 J	0.66 U	0.12 U
E-SB-833G-08	SB-833G	8	8	20101012	--	0.54 U	0.49 U	0.3 U	--	1.1 U	0.31 U	0.45 U	0.26 U	4.1 J	0.78 U	0.68 B
E-SB-833H-06	SB-833H	6	6	20101012	--	0.47 U	0.42 U	0.26 U	--	0.98 U	0.27 U	0.39 U	0.23 U	5.9	0.68 U	0.6 B
E-SB-833H-08	SB-833H	8	8	20101012	--	10 U	24 U	10 U	--	44 U	19 U	20 U	11 U	180 J	24 U	0.19 U
E-SB-833I-08	SB-833I	8	8	20101013	--	170 U	400 U	170 U	--	740 U	320 U	340 U	190 U	21000 J	400 U	3.2 U
E-SB-833J-04	SB-833J	4	4	20101013	--	0.57 U	0.52 U	0.31 U	--	1.2 U	0.33 U	0.48 U	0.28 U	0.35 U	0.83 U	0.16 U
E-SB-833J-06	SB-833J	6	6	20101013	--	0.51 U	0.46 U	0.28 U	--	1.1 U	0.29 U	0.43 U	0.25 U	0.31 U	0.74 U	0.14 U
E-SB-833J-08	SB-833J	8	8	20101013	--	0.51 U	0.46 U	0.28 U	--	1.1 U	0.3 U	0.43 U	0.25 U	0.31 U	0.75 U	0.14 U
E-SB-833K-06	SB-833K	6	6	20101013	--	160 U	370 U	160 U	--	700 U	300 U	320 U	180 U	22000 J	370 U	3 U
E-SB-833K-08	SB-833K	8	8	20101013	--	8.9 U	21 U	8.7 U	--	38 U	17 U	18 U	9.8 U	370 J	21 U	0.17 U
E-SB-833L-04	SB-833L	4	4	20101013	--	11 U	25 U	11 U	--	47 U	20 U	22 U	12 U	420 J	25 U	49 J
E-SB-833L-06	SB-833L	6	6	20101013	--	8.2 U	19 U	8 U	--	35 U	15 U	16 U	9 U	230 J	19 U	0.15 U
E-SB-833L-08	SB-833L	8	8	20101013	--	830 U	1900 U	810 U	--	3600 U	1600 U	1600 U	920 U	77000 J	1900 U	16 U
E-SB-833M-04	SB-833M	4	4	20101013	--	0.59 U	0.53 U	0.32 U	--	1.2 U	0.34 U	0.49 U	0.28 U	0.36 U	0.85 U	0.16 U
E-SB-833M-06	SB-833M	6	6	20101013	--	0.48 U	0.44 U	0.26 U	--	1 U	0.28 U	0.4 U	0.23 U	5.4	0.7 U	0.61 B

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	9600000	13000 U	130000 U	26000 U	120000 J	26000 U	21000 U	--	12000 U	57000 U	130000 J	59000 U
E-SB-833A-06	SB-833A	6	6	20101012	140000	120 U	1200 U	240 U	1600 J	240 U	200 U	--	37000	530 U	17000	560 U
E-SB-833B-04	SB-833B	4	4	20101012	0.69 B	0.47 U	0.94 U	0.36 U	0.26 U	0.25 U	0.5 U	--	0.25 U	0.25 U	0.48 U	0.68 U
E-SB-833B-06	SB-833B	6	6	20101012	12	0.56 U	1.1 U	0.43 U	0.31 U	0.29 U	0.59 U	--	0.39 J	0.29 U	0.57 U	0.81 U
E-SB-833B-08	SB-833B	8	8	20101012	11	0.51 U	1 U	0.39 U	0.28 U	0.27 U	0.54 U	--	0.5 J	0.27 U	0.52 U	0.74 U
E-SB-833C-04	SB-833C	4	4	20101012	0.66 B	0.56 U	1.1 U	0.43 U	0.31 U	0.29 U	0.59 U	--	0.3 U	0.29 U	0.57 U	0.81 U
E-SB-833C-06	SB-833C	6	6	20101012	0.94 B	0.56 U	1.1 U	0.43 U	0.31 U	0.3 U	0.6 U	--	0.3 U	0.3 U	0.57 U	0.82 U
E-SB-833C-08	SB-833C	8	8	20101012	0.79 B	0.61 U	1.2 U	0.47 U	0.34 U	0.32 U	0.65 U	--	0.33 U	0.32 U	0.62 U	0.88 U
E-SB-833D-04	SB-833D	4	4	20101012	0.57 B	0.54 U	1.1 U	0.41 U	0.3 U	0.28 U	0.57 U	--	0.29 U	0.28 U	0.55 U	0.78 U
E-SB-833D-06	SB-833D	6	6	20101012	2.7 B	0.62 U	1.2 U	0.48 U	0.39 J	0.32 U	0.66 U	--	0.33 U	0.32 U	0.63 U	0.89 U
E-SB-833D-08	SB-833D	8	8	20101012	110 J	0.59 U	1.2 U	0.45 U	12	0.31 U	0.62 U	--	0.32 U	0.31 U	14	0.85 U
E-SB-833E-06	SB-833E	6	6	20101012	260000	230 U	2300 U	450 U	1900 J	450 U	370 U	--	220 U	1000 U	2700 J	1000 U
E-SB-833F-04	SB-833F	4	4	20101012	1500	4.4 U	44 U	8.8 U	57 J	8.8 U	7.2 U	--	4.2 U	19 U	89 J	20 U
E-SB-833F-06	SB-833F	6	6	20101012	1800	4.5 U	45 U	9.1 U	81 J	9.1 U	7.4 U	--	4.4 U	20 U	110 J	21 U
E-SB-833F-08	SB-833F	8	8	20101012	1500	4.2 U	42 U	8.5 U	71 J	8.5 U	6.9 U	--	4.1 U	19 U	93 J	19 U
E-SB-833G-06	SB-833G	6	6	20101012	7.5	0.47 U	0.95 U	0.36 U	0.26 U	0.25 U	0.5 U	--	0.51 J	0.25 U	1.6 J	0.68 U
E-SB-833G-08	SB-833G	8	8	20101012	21	0.57 U	1.1 U	0.43 U	2.1 J	0.3 U	0.6 U	--	13	0.3 U	38	0.82 U
E-SB-833H-06	SB-833H	6	6	20101012	38	0.49 U	0.98 U	0.38 U	3.2 J	0.26 U	0.52 U	--	31	0.26 U	30	0.71 U
E-SB-833H-08	SB-833H	8	8	20101012	970	5.7 U	57 U	11 U	44 J	11 U	9.3 U	--	160 J	25 U	140 J	26 U
E-SB-833I-08	SB-833I	8	8	20101013	110000	94 U	940 U	190 U	910 J	190 U	150 U	--	2600 J	410 U	2900 J	430 U
E-SB-833J-04	SB-833J	4	4	20101013	1.1 B	0.6 U	1.2 U	0.46 U	0.33 U	0.31 U	0.63 U	--	0.32 U	0.31 U	0.61 U	0.86 U
E-SB-833J-06	SB-833J	6	6	20101013	1.1 B	0.53 U	1.1 U	0.41 U	0.29 U	0.28 U	0.56 U	--	0.29 U	0.28 U	0.54 U	0.77 U
E-SB-833J-08	SB-833J	8	8	20101013	0.46 B	0.54 U	1.1 U	0.41 U	0.3 U	0.28 U	0.57 U	--	0.29 U	0.28 U	0.55 U	0.78 U
E-SB-833K-06	SB-833K	6	6	20101013	120000 J	89 U	890 U	180 U	1100 J	180 U	150 U	--	86 U	390 U	1500 J	410 U
E-SB-833K-08	SB-833K	8	8	20101013	1700 J	4.9 U	49 U	9.8 U	68 J	9.8 U	8.1 U	--	4.7 U	22 U	98 J	23 U
E-SB-833L-04	SB-833L	4	4	20101013	1900	6 U	60 U	12 U	42 J	12 U	9.9 U	--	5.8 U	27 U	67 J	28 U
E-SB-833L-06	SB-833L	6	6	20101013	1000	4.5 U	45 U	9 U	22 J	9 U	7.4 U	--	4.3 U	20 U	27 J	21 U
E-SB-833L-08	SB-833L	8	8	20101013	410000 J	460 U	4600 U	920 U	3000 J	920 U	750 U	--	440 U	2000 U	4300 J	2100 U
E-SB-833M-04	SB-833M	4	4	20101013	0.98 B	0.62 U	1.2 U	0.47 U	0.34 U	0.32 U	0.65 U	--	0.33 U	0.32 U	0.62 U	0.89 U
E-SB-833M-06	SB-833M	6	6	20101013	25	0.51 U	1 U	0.39 U	0.28 U	0.26 U	0.54 U	--	0.27 U	0.26 U	0.51 U	0.73 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	110000 U	110000 U	23000 U	51000 U	25000 U	12000 U	120000 U	800000 B	31000 U	33000 U
E-SB-833A-06	SB-833A	6	6	20101012	1000 U	1000 UR	220 U	480 U	240 U	120 U	1200 U	4100 U	290 U	310 U
E-SB-833B-04	SB-833B	4	4	20101012	1 U	1 U	0.29 U	0.46 U	0.3 U	0.15 U	0.39 U	4.8 B	0.17 U	0.24 U
E-SB-833B-06	SB-833B	6	6	20101012	1.2 U	1.2 U	0.34 U	0.54 U	0.35 U	0.18 U	0.47 U	5.4 U	0.2 U	0.28 U
E-SB-833B-08	SB-833B	8	8	20101012	1.1 U	1.1 U	0.31 U	0.49 U	0.32 U	0.16 U	0.42 U	5.4 B	0.18 U	0.26 U
E-SB-833C-04	SB-833C	4	4	20101012	1.2 U	1.2 U	0.34 U	0.54 U	0.35 U	0.18 U	0.47 U	5.4 U	0.2 U	0.28 U
E-SB-833C-06	SB-833C	6	6	20101012	1.2 U	1.2 U	0.35 U	0.55 U	0.36 U	0.18 U	0.47 U	8 B	0.2 U	0.29 U
E-SB-833C-08	SB-833C	8	8	20101012	1.3 U	1.3 U	0.38 U	0.59 U	0.38 U	0.2 U	0.51 U	5.9 U	0.22 U	0.31 U
E-SB-833D-04	SB-833D	4	4	20101012	1.2 U	1.2 U	0.33 U	0.52 U	0.34 U	0.17 U	0.45 U	5.9 B	0.19 U	0.27 U
E-SB-833D-06	SB-833D	6	6	20101012	1.3 U	1.3 U	0.38 U	0.6 U	0.39 U	0.2 U	0.51 U	6.2 B	0.22 U	0.31 U
E-SB-833D-08	SB-833D	8	8	20101012	1.3 U	1.3 U	0.36 U	0.57 U	0.37 U	0.19 U	0.49 U	7.1 B	0.21 U	0.3 U
E-SB-833E-06	SB-833E	6	6	20101012	2000 U	2000 U	410 U	910 U	450 U	220 U	2200 U	16000 J	550 U	590 U
E-SB-833F-04	SB-833F	4	4	20101012	38 U	38 U	7.9 U	18 U	8.7 U	4.2 U	42 U	220 J	11 U	11 U
E-SB-833F-06	SB-833F	6	6	20101012	39 U	39 U	8.2 U	18 U	9 U	4.4 U	44 U	260 J	11 U	12 U
E-SB-833F-08	SB-833F	8	8	20101012	36 U	36 U	7.6 U	17 U	8.4 U	4.1 U	41 U	240 J	10 U	11 U
E-SB-833G-06	SB-833G	6	6	20101012	1 U	1 U	0.29 U	0.46 U	0.3 U	0.15 U	0.39 U	11 B	0.17 U	0.24 U
E-SB-833G-08	SB-833G	8	8	20101012	1.2 U	1.2 U	0.35 U	0.55 U	0.36 U	0.18 U	0.47 U	7.2 B	0.4 J	0.29 U
E-SB-833H-06	SB-833H	6	6	20101012	1.1 U	1.1 U	0.3 U	0.47 U	0.31 U	0.16 U	0.41 U	5 B	0.33 J	0.25 U
E-SB-833H-08	SB-833H	8	8	20101012	49 U	49 UR	10 U	23 U	11 U	5.4 U	54 U	190 U	14 U	15 U
E-SB-833I-08	SB-833I	8	8	20101013	810 U	810 U	170 U	380 U	190 U	91 U	910 U	4500 B	230 U	250 U
E-SB-833J-04	SB-833J	4	4	20101013	1.3 U	1.3 U	0.37 U	0.58 U	0.38 U	0.19 U	0.5 U	24 B	0.21 U	0.3 U
E-SB-833J-06	SB-833J	6	6	20101013	1.1 U	1.1 U	0.33 U	0.52 U	0.34 U	0.17 U	0.44 U	17 B	0.19 U	0.27 U
E-SB-833J-08	SB-833J	8	8	20101013	1.2 U	1.2 U	0.33 U	0.52 U	0.34 U	0.17 U	0.45 U	5.2 U	0.19 U	0.27 U
E-SB-833K-06	SB-833K	6	6	20101013	770 U	770 UJ	160 U	360 U	180 U	86 U	860 U	3000 UJ	210 U	230 U
E-SB-833K-08	SB-833K	8	8	20101013	71 J	42 UJ	8.8 U	20 U	9.7 U	4.7 U	47 U	170 UJ	12 U	13 U
E-SB-833L-04	SB-833L	4	4	20101013	52 U	52 U	11 U	24 U	12 U	5.8 U	58 U	280 B	14 U	16 U
E-SB-833L-06	SB-833L	6	6	20101013	110 J	39 U	8.1 U	18 U	8.9 U	4.3 U	43 U	190 B	11 U	12 U
E-SB-833L-08	SB-833L	8	8	20101013	3900 U	3900 UJ	820 U	1800 U	910 U	440 U	4400 U	16000 UJ	1100 U	1200 U
E-SB-833M-04	SB-833M	4	4	20101013	1.3 U	1.3 UJ	0.38 U	0.6 U	0.39 U	0.2 U	0.51 U	19 J	0.22 U	0.31 U
E-SB-833M-06	SB-833M	6	6	20101013	1.1 U	1.1 U	0.31 U	0.49 U	0.32 U	0.16 U	0.42 U	7.7 B	0.18 U	0.26 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	33000 U	25000 U	49000 U	75000 U	31000 U	16000 U	16000 U	31000 U	160000 U	23000 U	36000 U
E-SB-833A-06	SB-833A	6	6	20101012	310 U	240 U	460 U	700 U	290 U	150 U	1500 J	290 U	1500 U	210 U	340 U
E-SB-833B-04	SB-833B	4	4	20101012	0.51 U	0.2 U	0.24 U	0.39 U	0.32 U	0.27 U	0.24 U	0.4 U	0.62 U	0.21 U	0.3 U
E-SB-833B-06	SB-833B	6	6	20101012	0.61 U	0.24 U	0.28 U	0.47 U	0.38 U	0.32 U	0.28 U	0.47 U	0.74 U	0.25 U	0.35 U
E-SB-833B-08	SB-833B	8	8	20101012	0.56 U	0.22 U	0.26 U	0.42 U	0.35 U	0.29 U	0.26 U	0.43 U	0.67 U	0.23 U	0.32 U
E-SB-833C-04	SB-833C	4	4	20101012	0.61 U	0.24 U	0.28 U	0.47 U	0.38 U	0.32 U	0.28 U	0.47 U	0.74 U	0.25 U	0.35 U
E-SB-833C-06	SB-833C	6	6	20101012	0.62 U	0.24 U	0.29 U	0.47 U	0.38 U	0.32 U	0.29 U	0.48 U	0.75 U	0.25 U	0.36 U
E-SB-833C-08	SB-833C	8	8	20101012	0.67 U	0.26 U	0.31 U	0.51 U	0.41 U	0.35 U	0.31 U	0.52 U	0.81 U	0.27 U	0.38 U
E-SB-833D-04	SB-833D	4	4	20101012	0.59 U	0.23 U	0.27 U	0.45 U	0.36 U	0.31 U	0.27 U	0.45 U	0.71 U	0.24 U	0.34 U
E-SB-833D-06	SB-833D	6	6	20101012	0.67 U	0.27 U	0.31 U	0.51 U	0.42 U	0.35 U	0.31 U	0.52 U	0.82 U	0.28 U	0.39 U
E-SB-833D-08	SB-833D	8	8	20101012	0.64 U	0.25 U	0.3 U	0.49 U	0.4 U	0.33 U	0.3 U	0.5 U	0.77 U	0.26 U	0.37 U
E-SB-833E-06	SB-833E	6	6	20101012	590 U	450 U	860 U	1300 U	550 U	290 U	290 U	550 U	2800 U	400 U	640 U
E-SB-833F-04	SB-833F	4	4	20101012	11 U	8.7 U	17 U	26 U	11 U	5.6 U	5.6 U	11 U	54 U	7.8 U	12 U
E-SB-833F-06	SB-833F	6	6	20101012	12 U	9 U	17 U	26 U	11 U	5.8 U	5.8 U	11 U	55 U	8 U	13 U
E-SB-833F-08	SB-833F	8	8	20101012	11 U	8.4 U	16 U	25 U	10 U	5.4 U	5.4 U	10 U	52 U	7.5 U	12 U
E-SB-833G-06	SB-833G	6	6	20101012	0.52 U	0.2 U	0.24 U	0.39 U	0.32 U	0.27 U	39	0.4 U	0.63 U	0.21 U	0.3 U
E-SB-833G-08	SB-833G	8	8	20101012	0.62 U	0.24 U	0.29 U	0.47 U	0.38 U	0.88 J	120	0.48 U	0.75 U	0.25 U	0.36 U
E-SB-833H-06	SB-833H	6	6	20101012	0.54 U	0.21 U	0.25 U	0.41 U	0.33 U	0.28 U	51	0.41 U	0.65 U	0.22 U	0.31 U
E-SB-833H-08	SB-833H	8	8	20101012	15 U	11 U	22 U	33 U	14 U	7.3 U	52 J	14 U	69 U	10 U	16 U
E-SB-833I-08	SB-833I	8	8	20101013	250 U	190 U	360 U	550 U	230 U	120 U	210 J	230 U	1200 U	170 U	260 U
E-SB-833J-04	SB-833J	4	4	20101013	0.65 U	0.26 U	0.3 U	0.5 U	0.4 U	0.34 U	0.3 U	0.51 U	0.79 U	0.27 U	0.38 U
E-SB-833J-06	SB-833J	6	6	20101013	0.58 U	0.23 U	0.27 U	0.44 U	0.36 U	0.3 U	0.27 U	0.45 U	0.7 U	0.24 U	0.34 U
E-SB-833J-08	SB-833J	8	8	20101013	0.59 U	0.23 U	0.27 U	0.45 U	0.36 U	0.31 U	0.27 U	0.46 U	0.71 U	0.24 U	0.34 U
E-SB-833K-06	SB-833K	6	6	20101013	230 U	180 U	340 U	520 U	210 U	110 U	110 U	210 U	1100 U	160 U	250 U
E-SB-833K-08	SB-833K	8	8	20101013	13 U	9.7 U	19 U	28 U	12 U	6.3 U	6.3 U	12 U	60 U	8.6 U	14 U
E-SB-833L-04	SB-833L	4	4	20101013	16 U	12 U	23 U	35 U	14 U	7.7 U	7.7 U	14 U	74 U	11 U	17 U
E-SB-833L-06	SB-833L	6	6	20101013	12 U	8.9 U	17 U	26 U	11 U	5.8 U	12 J	11 U	55 U	7.9 U	13 U
E-SB-833L-08	SB-833L	8	8	20101013	1200 U	910 U	1700 U	2700 U	1100 U	590 U	4000 J	1100 U	5600 U	810 U	1300 U
E-SB-833M-04	SB-833M	4	4	20101013	0.67 U	0.27 U	0.31 U	0.51 U	0.42 U	0.35 U	0.31 U	0.52 U	0.81 U	0.27 U	0.39 U
E-SB-833M-06	SB-833M	6	6	20101013	0.55 U	0.22 U	0.26 U	0.42 U	0.34 U	0.29 U	0.26 U	0.43 U	0.67 U	0.23 U	0.32 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	HEXANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	18000 U	20000 U	36000 U	41000 U	130000 U	570 U	14000 U	36000 U	--	17000 U	16000 U	--
E-SB-833A-06	SB-833A	6	6	20101012	170 U	190 U	340 U	390 U	1200 U	5.3 U	130 U	340 U	--	160 U	150 U	--
E-SB-833B-04	SB-833B	4	4	20101012	0.26 U	0.25 U	0.46 U	0.36 U	1.1 U	0.16 U	0.19 U	0.87 U	--	0.12 U	0.87 U	--
E-SB-833B-06	SB-833B	6	6	20101012	0.31 U	0.29 U	0.54 U	0.43 U	1.3 U	0.19 U	0.22 U	1 U	--	0.14 U	1 U	--
E-SB-833B-08	SB-833B	8	8	20101012	0.28 U	0.27 U	0.49 U	0.39 U	1.2 U	0.17 U	0.2 U	0.94 U	--	0.13 U	0.94 U	--
E-SB-833C-04	SB-833C	4	4	20101012	0.31 U	0.29 U	0.54 U	0.43 U	1.3 U	0.19 U	0.22 U	1 U	--	0.14 U	1 U	--
E-SB-833C-06	SB-833C	6	6	20101012	0.31 U	0.3 U	0.55 U	0.43 U	1.3 U	0.19 U	0.23 U	1 U	--	0.14 U	1 U	--
E-SB-833C-08	SB-833C	8	8	20101012	0.34 U	0.32 U	0.59 U	0.47 U	1.4 U	0.21 U	0.24 U	1.1 U	--	0.15 U	1.1 U	--
E-SB-833D-04	SB-833D	4	4	20101012	0.3 U	0.28 U	0.52 U	0.41 U	1.2 U	0.18 U	0.22 U	0.99 U	--	0.13 U	0.99 U	--
E-SB-833D-06	SB-833D	6	6	20101012	0.34 U	0.32 U	0.6 U	0.48 U	1.4 U	0.21 U	0.25 U	1.1 U	--	0.15 U	1.1 U	--
E-SB-833D-08	SB-833D	8	8	20101012	0.32 U	0.31 U	0.57 U	0.45 U	1.4 U	0.2 U	0.23 U	1.1 U	--	0.14 U	1.1 U	--
E-SB-833E-06	SB-833E	6	6	20101012	310 U	360 U	640 U	730 U	2300 U	10 U	250 U	640 U	--	300 U	280 U	--
E-SB-833F-04	SB-833F	4	4	20101012	6.1 U	7 U	12 U	14 U	44 U	0.19 U	4.8 U	12 U	--	5.7 U	5.5 U	--
E-SB-833F-06	SB-833F	6	6	20101012	6.3 U	7.2 U	13 U	15 U	45 U	0.2 U	4.9 U	13 U	--	5.9 U	5.6 U	--
E-SB-833F-08	SB-833F	8	8	20101012	5.8 U	6.7 U	12 U	14 U	42 U	0.19 U	4.6 U	12 U	--	5.5 U	5.3 U	--
E-SB-833G-06	SB-833G	6	6	20101012	0.26 U	0.25 U	0.46 U	0.36 U	1.1 U	0.16 U	0.19 U	0.87 U	--	0.12 U	0.87 U	--
E-SB-833G-08	SB-833G	8	8	20101012	0.31 U	0.3 U	0.55 U	0.43 U	1.3 U	0.19 U	0.23 U	1 U	--	0.14 U	1 U	--
E-SB-833H-06	SB-833H	6	6	20101012	0.27 U	0.26 U	0.47 U	0.38 U	1.1 U	0.17 U	0.2 U	0.9 U	--	0.12 U	0.9 U	--
E-SB-833H-08	SB-833H	8	8	20101012	7.8 U	9 U	16 U	18 U	57 U	0.25 U	6.1 U	16 U	--	7.4 U	7 U	--
E-SB-833I-08	SB-833I	8	8	20101013	130 U	150 U	260 U	300 U	940 U	4.1 U	100 U	260 U	--	120 U	120 U	--
E-SB-833J-04	SB-833J	4	4	20101013	0.33 U	0.31 U	0.58 U	0.46 U	1.4 U	0.2 U	0.24 U	1.1 U	--	0.15 U	1.1 U	--
E-SB-833J-06	SB-833J	6	6	20101013	0.29 U	0.28 U	0.52 U	0.41 U	1.2 U	0.18 U	0.21 U	0.98 U	--	0.13 U	0.98 U	--
E-SB-833J-08	SB-833J	8	8	20101013	0.3 U	0.28 U	0.52 U	0.41 U	1.2 U	0.18 U	0.22 U	0.99 U	--	0.13 U	0.99 U	--
E-SB-833K-06	SB-833K	6	6	20101013	120 U	140 U	250 U	290 U	890 U	3.9 U	96 U	250 U	--	120 U	110 U	--
E-SB-833K-08	SB-833K	8	8	20101013	6.8 U	7.8 U	14 U	16 U	49 U	0.22 U	5.3 U	14 U	--	6.4 U	6.1 U	--
E-SB-833L-04	SB-833L	4	4	20101013	8.3 U	9.5 U	17 U	19 U	60 U	0.27 U	6.5 U	17 U	--	7.8 U	14 J	--
E-SB-833L-06	SB-833L	6	6	20101013	6.2 U	7.1 U	13 U	14 U	45 U	0.2 U	4.9 U	13 U	--	5.9 U	5.6 U	--
E-SB-833L-08	SB-833L	8	8	20101013	630 U	720 U	1300 U	1500 U	4600 U	20 U	490 U	1300 U	--	590 U	570 U	--
E-SB-833M-04	SB-833M	4	4	20101013	0.34 U	0.32 U	0.6 U	0.47 U	1.4 U	0.21 U	0.25 U	1.1 U	--	0.15 U	1.1 U	--
E-SB-833M-06	SB-833M	6	6	20101013	0.28 U	0.26 U	0.49 U	0.39 U	1.2 U	0.17 U	0.2 U	0.93 U	--	0.12 U	0.93 U	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-09	SB-833	9	9	20100916	18000 UJ	360000 B	140000 B	21000 U	36000 U	22000 U	12000 U	14000 U	950 UJ	17000 U	7200000 B	31000 U
E-SB-833A-06	SB-833A	6	6	20101012	170 U	1900 U	160 U	2900 J	340 U	210 U	380 J	140 U	8.9 U	160 U	5800 UR	290 U
E-SB-833B-04	SB-833B	4	4	20101012	0.31 U	0.49 U	0.14 U	0.17 U	0.29 U	0.25 U	0.13 U	0.11 U	0.27 U	0.21 U	5.5 UR	0.38 U
E-SB-833B-06	SB-833B	6	6	20101012	0.37 U	0.58 U	0.16 U	0.2 U	0.34 U	0.3 U	0.16 U	0.13 U	0.32 U	0.25 U	6.6 UR	0.45 U
E-SB-833B-08	SB-833B	8	8	20101012	0.34 U	0.53 U	0.15 U	0.18 U	0.31 U	0.27 U	0.14 U	0.12 U	0.29 U	0.23 U	6 UR	0.41 U
E-SB-833C-04	SB-833C	4	4	20101012	0.37 U	0.58 U	0.16 U	0.2 U	0.34 U	0.3 U	0.16 U	0.13 U	0.32 U	0.25 U	6.5 UR	0.45 U
E-SB-833C-06	SB-833C	6	6	20101012	0.37 U	0.58 U	0.17 U	0.2 U	0.35 U	0.3 U	0.16 U	0.13 U	0.32 U	0.25 U	6.6 UR	0.45 U
E-SB-833C-08	SB-833C	8	8	20101012	0.4 U	0.63 U	0.18 U	0.22 U	0.38 U	0.33 U	0.17 U	0.14 U	0.35 U	0.27 U	7.1 UR	0.49 U
E-SB-833D-04	SB-833D	4	4	20101012	0.36 U	0.55 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.12 U	0.31 U	0.24 U	6.3 UR	0.43 U
E-SB-833D-06	SB-833D	6	6	20101012	0.41 U	0.64 U	0.18 U	0.22 U	0.38 U	0.33 U	0.17 U	0.14 U	0.35 U	0.28 U	7.2 UR	0.49 U
E-SB-833D-08	SB-833D	8	8	20101012	0.39 U	0.6 U	0.17 U	0.21 U	0.36 U	0.32 U	0.16 U	0.14 U	0.33 U	0.26 U	6.8 UR	0.47 U
E-SB-833E-06	SB-833E	6	6	20101012	320 U	4800 J	300 U	360 U	640 U	390 U	210 U	250 U	17 U	300 U	11000 UR	550 U
E-SB-833F-04	SB-833F	4	4	20101012	6.3 U	68 U	5.9 U	7.1 U	12 U	7.5 U	4.1 U	4.9 U	0.33 U	5.7 U	210 UR	11 U
E-SB-833F-06	SB-833F	6	6	20101012	6.4 U	70 U	6.1 U	7.3 U	13 U	7.7 U	4.3 U	5.1 U	0.34 U	5.9 U	220 UR	11 U
E-SB-833F-08	SB-833F	8	8	20101012	6 U	110 J	5.7 U	6.8 U	12 U	7.2 U	4 U	4.7 U	0.31 U	5.5 U	200 UR	10 U
E-SB-833G-06	SB-833G	6	6	20101012	0.31 U	0.49 U	0.14 U	0.17 U	0.29 U	0.25 U	0.13 U	0.11 U	0.27 U	0.21 U	5.5 UR	0.38 U
E-SB-833G-08	SB-833G	8	8	20101012	0.37 U	0.58 U	0.17 U	0.2 U	0.35 U	0.3 U	0.16 U	0.13 U	0.32 U	0.25 U	6.6 UR	2.6 J
E-SB-833H-06	SB-833H	6	6	20101012	0.32 U	0.5 U	0.14 U	0.17 U	0.3 U	0.26 U	0.14 U	0.11 U	0.28 U	0.22 U	5.7 UR	0.69 J
E-SB-833H-08	SB-833H	8	8	20101012	8.1 U	87 U	7.6 U	9.1 U	16 U	9.6 U	5.3 U	6.4 U	0.42 U	7.4 U	270 UR	14 U
E-SB-833I-08	SB-833I	8	8	20101013	130 U	1500 U	130 U	150 U	260 U	160 U	89 U	110 U	7 U	120 U	4500 UR	230 U
E-SB-833J-04	SB-833J	4	4	20101013	0.4 U	0.62 U	0.17 U	0.21 U	0.37 U	0.32 U	0.17 U	0.14 U	0.34 U	0.27 U	7 UR	0.48 U
E-SB-833J-06	SB-833J	6	6	20101013	0.35 U	0.55 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.12 U	0.3 U	0.24 U	6.2 UR	0.43 U
E-SB-833J-08	SB-833J	8	8	20101013	0.36 U	0.56 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.12 U	0.31 U	0.24 U	6.3 UR	0.43 U
E-SB-833K-06	SB-833K	6	6	20101013	130 U	1400 U	120 U	140 U	250 U	150 U	84 U	100 U	6.6 U	120 U	4300 UR	210 U
E-SB-833K-08	SB-833K	8	8	20101013	7 U	76 U	6.6 U	7.9 U	14 U	8.3 U	4.6 U	5.5 U	0.36 U	6.4 U	240 UR	12 U
E-SB-833L-04	SB-833L	4	4	20101013	8.6 U	93 U	8.1 U	9.6 U	17 U	10 U	5.7 U	6.7 U	0.45 U	7.8 U	1200 J	14 U
E-SB-833L-06	SB-833L	6	6	20101013	6.4 U	69 U	6 U	7.2 U	13 U	7.7 U	4.2 U	5.1 U	0.33 U	5.9 U	720 J	11 U
E-SB-833L-08	SB-833L	8	8	20101013	650 U	9000 B	610 U	730 U	1300 U	780 U	430 U	510 U	34 U	590 U	22000 UR	1100 U
E-SB-833M-04	SB-833M	4	4	20101013	0.41 U	0.63 U	0.18 U	0.22 U	0.38 U	0.33 U	0.17 U	0.14 U	0.35 U	0.27 U	7.2 UR	0.49 U
E-SB-833M-06	SB-833M	6	6	20101013	0.33 U	0.52 U	0.15 U	0.18 U	0.31 U	0.27 U	0.14 U	0.12 U	0.29 U	0.23 U	5.9 UR	0.4 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
E-SB-826-05	SB-826	5	5	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-826-07	SB-826	7	7	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-826-09	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-826-09-AVG	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-826-09-D	SB-826	9	9	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-827-03	SB-827	3	3	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-827-05	SB-827	5	5	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-827-07	SB-827	7	7	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-827-09	SB-827	9	9	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-828-03	SB-828	3	3	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-828-09	SB-828	9	9	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-829-03	SB-829	3	3	20100917	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-829-05	SB-829	5	5	20100917	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-829-07	SB-829	7	7	20100917	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-829-09	SB-829	9	9	20100917	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-830-03	SB-830	3	3	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-830-05	SB-830	5	5	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-830-07	SB-830	7	7	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-830-09	SB-830	9	9	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-831-03	SB-831	3	3	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-831-05	SB-831	5	5	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-831-07	SB-831	7	7	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-831-09	SB-831	9	9	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-832-05	SB-832	5	5	20100917	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-832-07	SB-832	7	7	20100917	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-832-09	SB-832	9	9	20100917	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-833-03	SB-833	3	3	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-833-05	SB-833	5	5	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-833-07	SB-833	7	7	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-833-09	SB-833	9	9	20100916	--	44000 U	21000 U	--	24000 U	51000 U	25000 U	41000 U	59000 U	46000 U	NORMAL
E-SB-833A-06	SB-833A	6	6	20101012	--	410 U	200 U	--	220 U	480 U	230 U	390 U	560 U	440 U	NORMAL
E-SB-833B-04	SB-833B	4	4	20101012	--	0.2 U	0.49 U	--	0.3 U	0.39 U	0.3 U	0.25 U	0.18 U	0.28 U	NORMAL
E-SB-833B-06	SB-833B	6	6	20101012	--	0.23 U	0.58 U	--	0.35 U	0.47 U	0.36 U	0.29 U	0.22 U	0.34 U	NORMAL
E-SB-833B-08	SB-833B	8	8	20101012	--	0.21 U	0.53 U	--	0.32 U	0.42 U	0.33 U	0.27 U	0.2 U	0.31 U	NORMAL
E-SB-833C-04	SB-833C	4	4	20101012	--	0.23 U	0.58 U	--	0.35 U	0.47 U	0.36 U	0.29 U	0.22 U	0.34 U	NORMAL
E-SB-833C-06	SB-833C	6	6	20101012	--	0.23 U	0.58 U	--	0.36 U	0.47 U	0.36 U	0.3 U	0.22 U	0.34 U	NORMAL
E-SB-833C-08	SB-833C	8	8	20101012	--	0.25 U	0.63 U	--	0.38 U	0.51 U	0.39 U	0.32 U	0.23 U	0.37 U	NORMAL
E-SB-833D-04	SB-833D	4	4	20101012	--	0.22 U	0.55 U	--	0.34 U	0.45 U	0.35 U	0.28 U	0.21 U	0.32 U	NORMAL
E-SB-833D-06	SB-833D	6	6	20101012	--	0.26 U	0.64 U	--	0.39 U	0.51 U	0.4 U	0.32 U	0.24 U	0.37 U	NORMAL
E-SB-833D-08	SB-833D	8	8	20101012	--	0.24 U	0.6 U	--	0.37 U	0.49 U	0.38 U	0.31 U	0.23 U	0.35 U	NORMAL
E-SB-833E-06	SB-833E	6	6	20101012	--	770 U	370 U	--	420 U	910 U	440 U	730 U	1000 U	820 U	NORMAL
E-SB-833F-04	SB-833F	4	4	20101012	--	15 U	7.1 U	--	8.1 U	18 U	8.6 U	14 U	20 U	16 U	NORMAL
E-SB-833F-06	SB-833F	6	6	20101012	--	15 U	7.3 U	--	8.3 U	18 U	8.8 U	15 U	21 U	16 U	NORMAL
E-SB-833F-08	SB-833F	8	8	20101012	--	14 U	6.9 U	--	7.8 U	17 U	8.2 U	14 U	19 U	15 U	NORMAL
E-SB-833G-06	SB-833G	6	6	20101012	--	0.2 U	0.49 U	--	0.3 U	0.39 U	0.31 U	0.25 U	0.18 U	0.28 U	NORMAL
E-SB-833G-08	SB-833G	8	8	20101012	--	0.23 U	0.58 U	--	0.36 U	0.47 U	2.2 J	0.3 U	0.22 U	0.34 U	NORMAL
E-SB-833H-06	SB-833H	6	6	20101012	--	0.2 U	0.5 U	--	0.31 U	0.41 U	0.32 J	0.26 U	0.19 U	0.29 U	NORMAL
E-SB-833H-08	SB-833H	8	8	20101012	--	19 U	9.2 U	--	10 U	23 U	11 U	18 U	26 U	20 U	NORMAL
E-SB-833I-08	SB-833I	8	8	20101013	--	320 U	150 U	--	170 U	380 U	180 U	300 U	430 U	340 U	NORMAL
E-SB-833J-04	SB-833J	4	4	20101013	--	0.38 J	0.62 U	--	0.38 U	0.5 U	0.39 U	0.31 U	0.23 U	0.36 U	NORMAL
E-SB-833J-06	SB-833J	6	6	20101013	--	0.27 J	0.55 U	--	0.34 U	0.44 U	0.34 U	0.28 U	0.2 U	0.32 U	NORMAL
E-SB-833J-08	SB-833J	8	8	20101013	--	0.33 J	0.56 U	--	0.34 U	0.45 U	0.35 U	0.28 U	0.21 U	0.32 U	NORMAL
E-SB-833K-06	SB-833K	6	6	20101013	--	300 U	140 U	--	160 U	360 U	170 U	290 U	410 U	320 U	NORMAL
E-SB-833K-08	SB-833K	8	8	20101013	--	17 U	8 U	--	9 U	20 U	9.5 U	16 U	23 U	18 U	NORMAL
E-SB-833L-04	SB-833L	4	4	20101013	--	48 J	14 J	--	11 U	24 U	12 U	19 U	28 U	22 U	NORMAL
E-SB-833L-06	SB-833L	6	6	20101013	--	16 J	7.3 U	--	8.3 U	18 U	8.8 U	14 U	21 U	16 U	NORMAL
E-SB-833L-08	SB-833L	8	8	20101013	--	1600 U	740 U	--	840 U	1800 U	890 U	1500 U	2100 U	1600 U	NORMAL
E-SB-833M-04	SB-833M	4	4	20101013	--	0.29 J	0.63 U	--	0.39 U	0.51 U	0.4 U	0.32 U	0.24 U	0.37 U	NORMAL
E-SB-833M-06	SB-833M	6	6	20101013	--	0.21 J	0.52 U	--	0.32 U	0.42 U	0.33 U	0.26 U	0.19 U	0.3 U	NORMAL

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C1-FLUORANTHENES/PYRENES ALKYLATED PAHS (UG/KG)	C1-FLUORENES ALKYLATED PAHS (UG/KG)	C1-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	C2-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C2-FLUORENES ALKYLATED PAHS (UG/KG)	C2-NAPHTHALENES ALKYLATED PAHS (UG/KG)	C2-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	C3-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C3-FLUORENES ALKYLATED PAHS (UG/KG)	C3-NAPHTHALENES ALKYLATED PAHS (UG/KG)	C3-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	C4-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C4-NAPHTHALENES ALKYLATED PAHS (UG/KG)	C4-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	ANTIMONY METALS (MG/KG)	ARSENIC METALS (MG/KG)	BARIUM METALS (MG/KG)	BERYLLIUM METALS (MG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	81 U	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	78 U	78 U	78 U	78 U	78 U	78 U	78 U	78 U	78 U	78 U	78 U	78 U	78 U	78 U	78 U	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-233	URANIUM-234	URANIUM-235
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268
					PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	51 U	39 U	34 U	32 U	41 U	41 U	590	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	26 U	19 U	17 U	16 U	21 U	21 U	210	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	80	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	130 U	97 U	85 U	79 U	100 U	100 U	370	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	28 U	22 U	19 U	17 U	23 U	23 U	280	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	23 J	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	27 U	21 U	18 U	17 U	22 U	22 U	24 J	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	23 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	25 U	19 U	17 U	16 U	21 U	21 U	310	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	26 U	19 U	17 U	16 U	21 U	21 U	94	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	240 U	190 U	160 U	150 U	200 U	200 U	3500	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	28 U	22 U	19 U	18 U	23 U	23 U	23 U	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	22 J	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	27 U	20 U	18 U	16 U	22 U	22 U	22 U	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	23 U	17 U	15 U	14 U	18 U	18 U	18 U	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	23 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	25 U	19 U	17 U	16 U	21 U	21 U	21 U	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	59	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	27 J	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	23 U	17 U	15 U	14 U	18 U	18 U	18 U	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	35 J	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	68	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	140	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	28 U	21 U	19 U	17 U	23 U	23 U	23 U	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	27 U	20 U	18 U	17 U	22 U	22 U	120	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	21 U	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	130 U	100 U	87 U	81 U	110 U	110 U	400	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	44	19 U	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	23 U	17 U	15 U	14 U	18 U	18 U	18 U	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	120 U	88 U	77 U	72 U	94 U	94 U	350	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	22 U	17 U	15 U	14 U	18 U	18 U	18 U	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	21 U	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	60	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
					PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	590	709	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	210	270	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	80	140.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	370	665.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	280	346	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	23	81.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	24	87.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	0 U	64.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	310	369.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	94	154	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	3500	4070	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	0 U	78	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	22	80	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	0 U	67.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	0 U	73.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	0 U	61.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	0 U	64.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	0 U	70	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	59	115.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	0 U	67	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	0 U	68	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	0 U	68	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	0 U	67.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	27	85	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	0 U	61.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	0 U	68	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	35	90.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	68	125.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	140	197	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	0 U	67.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	0 U	67.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	0 U	67.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	0 U	67	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	0 U	77	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	120	183	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	0 U	71	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	400	709	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	44	99.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	0 U	61.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	0 U	68	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	350	622.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	0 U	67.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	0 U	61	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	0 U	71	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	60	118	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE
					PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	4 U
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	40 U
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	41 U
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	40 U
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	4 U	4 U	4 U	4 U	4 U	4 U	--	4 U	4 U	4 U	4 U
E-SB-833N-04	SB-833N	4	4	20101014	40 U	40 U	40 U	40 U	40 U	40 U	--	40 U	40 U	40 U	40 U
E-SB-833N-06	SB-833N	6	6	20101014	41 U	41 U	41 U	41 U	266.862	240	--	41 U	240	41 U	41 U
E-SB-833N-08	SB-833N	8	8	20101014	40 U	40 U	40 U	40 U	60.2065	16	--	40 U	40 U	160	40 U
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	4 U	1.3 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	0 U	--
E-SB-833N-04	SB-833N	4	4	20101014	40 U	13 U	40 U	320	40 U	40 U	40 U	40 U	110	430	--
E-SB-833N-06	SB-833N	6	6	20101014	41 U	14 U	41 U	390	41 U	41 U	41 U	41 U	210	840	--
E-SB-833N-08	SB-833N	8	8	20101014	40 U	13 U	40 U	340	40 U	40 U	40 U	40 U	160	660	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214	POTASSIUM-40
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-
					TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	SILANOL, DIMETHYL(1,1,2-TRIMETHYLPROPYL)	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]	UNKNOWN [2.17]
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-04	SB-833N	4	4	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-06	SB-833N	6	6	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-08	SB-833N	8	8	20101014	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	UNKNOWN [3.57]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	--	0.58 U	0.52 U	0.32 U	--	1.2 U	0.34 U	0.49 U	0.28 U	0.36 U	0.84 U	0.16 U
E-SB-833N-04	SB-833N	4	4	20101014	--	0.53 U	0.48 U	0.29 U	--	1.1 U	0.31 U	0.44 U	0.26 U	0.32 U	0.77 U	0.14 U
E-SB-833N-06	SB-833N	6	6	20101014	--	0.58 U	0.52 U	0.32 U	--	1.2 U	0.34 U	0.49 U	0.28 U	0.35 U	0.84 U	0.16 U
E-SB-833N-08	SB-833N	8	8	20101014	--	0.59 U	0.54 U	0.33 U	--	1.2 U	0.35 U	0.5 U	0.29 U	0.36 U	0.86 U	0.16 U
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	0.68 B	0.61 U	1.2 U	0.47 U	0.34 U	0.32 U	0.65 U	--	0.33 U	0.32 U	0.62 U	0.88 U
E-SB-833N-04	SB-833N	4	4	20101014	0.23 U	0.55 U	1.1 U	0.43 U	0.31 U	0.29 U	0.59 U	--	0.3 U	0.29 U	0.56 U	0.8 U
E-SB-833N-06	SB-833N	6	6	20101014	0.25 U	0.61 U	1.2 U	0.47 U	0.34 U	0.32 U	0.64 U	--	0.33 U	0.32 U	0.62 U	0.88 U
E-SB-833N-08	SB-833N	8	8	20101014	0.51 B	0.62 U	1.2 U	0.48 U	0.35 U	0.33 U	0.66 U	--	0.34 U	0.33 U	0.63 U	0.9 U
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	1.3 U	1.3 U	0.37 U	0.59 U	0.38 U	0.2 U	0.51 U	13 B	0.22 U	0.31 U
E-SB-833N-04	SB-833N	4	4	20101014	1.5 J	1.2 UR	0.34 U	0.54 U	0.35 U	0.18 U	0.46 U	18 J	0.2 U	0.28 U
E-SB-833N-06	SB-833N	6	6	20101014	1.3 U	1.3 UR	0.37 U	0.59 U	0.38 U	0.2 U	0.5 U	5.9 U	0.21 U	0.31 U
E-SB-833N-08	SB-833N	8	8	20101014	1.3 U	1.3 UR	0.38 U	0.6 U	0.39 U	0.2 U	0.52 U	12 J	0.22 U	0.32 U
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	0.67 U	0.26 U	0.31 U	0.51 U	0.41 U	0.35 U	0.31 U	0.52 U	0.81 U	0.27 U	0.38 U
E-SB-833N-04	SB-833N	4	4	20101014	0.61 U	0.24 U	0.28 U	0.46 U	0.38 U	0.32 U	0.28 U	0.47 U	0.73 U	0.25 U	0.35 U
E-SB-833N-06	SB-833N	6	6	20101014	0.66 U	0.26 U	0.31 U	0.5 U	0.41 U	0.35 U	0.31 U	0.51 U	0.8 U	0.27 U	0.38 U
E-SB-833N-08	SB-833N	8	8	20101014	0.68 U	0.27 U	0.32 U	0.52 U	0.42 U	0.35 U	0.32 U	0.53 U	0.82 U	0.28 U	0.39 U
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	HEXANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	0.34 U	0.32 U	0.59 U	0.47 U	1.4 U	0.21 U	0.24 U	1.1 U	--	0.15 U	1.1 U	--
E-SB-833N-04	SB-833N	4	4	20101014	0.31 U	0.29 U	0.54 U	0.43 U	1.3 U	0.19 U	0.22 U	1 U	--	0.14 U	1 U	--
E-SB-833N-06	SB-833N	6	6	20101014	0.37 J	0.32 U	0.59 U	0.47 U	1.4 U	0.21 U	0.24 U	1.1 U	--	0.15 U	1.1 U	--
E-SB-833N-08	SB-833N	8	8	20101014	0.35 U	0.33 U	0.6 U	0.48 U	1.4 U	0.21 U	0.25 U	1.2 U	--	0.15 U	1.2 U	--
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-833M-08	SB-833M	8	8	20101013	0.4 U	0.63 U	0.18 U	0.22 U	0.37 U	0.33 U	0.17 U	0.14 U	0.35 U	0.27 U	7.1 UR	0.49 U
E-SB-833N-04	SB-833N	4	4	20101014	0.37 U	0.57 U	0.16 U	0.2 U	0.34 U	0.3 U	0.15 U	0.13 U	0.32 U	0.25 U	6.5 UR	0.44 U
E-SB-833N-06	SB-833N	6	6	20101014	0.4 U	0.63 U	2.3 B	0.21 U	0.37 U	0.33 U	0.17 U	0.14 U	0.35 U	0.27 U	11 J	0.49 U
E-SB-833N-08	SB-833N	8	8	20101014	0.41 U	0.64 U	0.18 U	0.22 U	0.38 U	0.34 U	0.17 U	0.14 U	0.35 U	0.28 U	10 J	0.5 U
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
E-SB-833M-08	SB-833M	8	8	20101013	--	0.39 J	0.63 U	--	0.38 U	0.51 U	0.39 U	0.32 U	0.23 U	0.37 U	NORMAL
E-SB-833N-04	SB-833N	4	4	20101014	--	0.32 J	0.57 U	--	0.35 U	0.46 U	0.36 U	0.29 U	0.21 UR	0.33 U	NORMAL
E-SB-833N-06	SB-833N	6	6	20101014	--	0.25 U	0.63 U	--	0.38 U	0.5 U	0.39 U	0.32 U	0.23 UR	0.36 U	NORMAL
E-SB-833N-08	SB-833N	8	8	20101014	--	0.41 J	0.64 U	--	0.39 U	0.52 U	0.4 U	0.33 U	0.24 UR	0.37 U	NORMAL
E-SB-834-05	SB-834	5	5	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-834-07	SB-834	7	7	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-834-09	SB-834	9	9	20100916	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-835-03	SB-835	3	3	20100917	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-835-05	SB-835	5	5	20100917	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-835-07	SB-835	7	7	20100917	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-835-09	SB-835	9	9	20100917	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-836-03	SB-836	3	3	20100917	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-836-05	SB-836	5	5	20100917	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-836-07	SB-836	7	7	20100917	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-836-09	SB-836	9	9	20100917	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-837-03	SB-837	3	3	20100917	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-837-05	SB-837	5	5	20100917	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-837-07	SB-837	7	7	20100917	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-837-09	SB-837	9	9	20100917	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-838-3	SB-838	3	3	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-838-5	SB-838	5	5	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-838-7	SB-838	7	7	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-838-9	SB-838	9	9	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-839-03	SB-839	3	3	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-839-05	SB-839	5	5	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-839-07	SB-839	7	7	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-839-09	SB-839	9	9	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-840-03	SB-840	3	3	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-840-05	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-840-05-AVG	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-840-05-D	SB-840	5	5	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-840-07	SB-840	7	7	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-840-09	SB-840	9	9	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-841-03	SB-841	3	3	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-841-05	SB-841	5	5	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-841-07	SB-841	7	7	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-841-09	SB-841	9	9	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-842-3	SB-842	3	3	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-842-5	SB-842	5	5	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-842-7	SB-842	7	7	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-842-9	SB-842	9	9	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-843-03	SB-843	3	3	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-843-05	SB-843	5	5	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-843-07	SB-843	7	7	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-843-09	SB-843	9	9	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-844-03	SB-844	3	3	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-844-05	SB-844	5	5	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-844-07	SB-844	7	7	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-844-09	SB-844	9	9	20100914	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-845-03	SB-845	3	3	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-845-05	SB-845	5	5	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-845-07	SB-845	7	7	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-845-09	SB-845	9	9	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-846-03	SB-846	3	3	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-846-05	SB-846	5	5	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-846-07	SB-846	7	7	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-846-09	SB-846	9	9	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-847-03	SB-847	3	3	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-847-05	SB-847	5	5	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.39 UL	2.5 L	14 J	0.24 B
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.39 UL	2.9 L	49	0.31 B
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.38 UL	1.9 L	17 J	0.28 B
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.39 UL	3.5	30	0.39 J
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.42 UL	3.2 L	34	0.59
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.8 U	2.5 J	9.2 J	0.5 J

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-233	URANIUM-234	URANIUM-235
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	0.036 J	8	1.7	5.8	--	2.2	--	0.021 J	0.29 B	3.6 J	0.45 UL	0.1 U	0.55 U	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	0.12 J	14	5	7.7	--	6.1	--	0.056 J	0.48 B	7.2	0.45 UL	0.1 U	0.56 U	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	0.035 U	7.3	3.2	4.7 L	--	2.8	--	0.017 U	0.27 B	3.4 J	0.44 UL	0.098 U	0.54 U	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	0.083 J	16	4.3	13	--	5	--	0.028 J	0.89 B	7.1	0.44 UL	0.099 U	0.54 U	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	0.2 J	11 J	5.3	5.4 L	--	10 J	--	0.022 J	0.47 J	7.1	0.48 U	0.11 U	0.59 U	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	0.17 U	9.6	1.9	5.4 J	--	4.7 K	--	0.017 U	1.3 U	4.6	2.1 U	0.47 U	0.52 U	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	16	12	--	--	0.74 J	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	22	27	--	--	0.56 J	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	13	11	--	--	1.1	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	23	19	--	--	0.63 J	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	19	24	--	--	0.45 J	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	15	8.8	--	--	0.33 J	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268
					PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	1.4 U	1.9 U	1.7 U	1.6 U	0.92 U	1.4 U	8.7 J	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.6 U	0.91 U	1.4 U	35	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	140 U	180 U	160 U	150 U	87 U	130 U	200000	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.5 U	0.87 U	1.3 U	55	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	1.4 U	1.9 U	1.7 U	1.6 U	0.92 U	1.4 U	1.4 U	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.5 U	0.87 U	1.3 U	1.3 U	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	1.5 U	1.9 U	1.7 U	1.6 U	0.94 U	1.4 U	1.4 U	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	1.4 U	1.7 U	1.6 U	1.5 U	0.86 U	1.3 U	1.3 U	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	1.5 U	1.9 U	1.7 U	1.6 U	0.94 U	1.4 U	1.4 U	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	1.5 U	1.9 U	1.7 U	1.6 U	0.95 U	1.4 U	1.4 U	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	1.5 U	1.9 U	1.7 U	1.6 U	0.94 U	1.4 U	1.4 U	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	1.5 U	1.9 U	1.7 U	1.6 U	0.92 U	1.4 U	1.4 U	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	1.5 U	1.9 U	1.7 U	1.6 U	0.93 U	1.4 U	1.4 U	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	72 U	92 U	83 U	79 U	46 U	69 U	120000	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.5 U	0.88 U	1.3 U	970	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	7 U	9 U	8 U	7.6 U	4.4 U	6.7 U	4300	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	73000 U	94000 U	84000 U	80000 U	47000 U	70000 U	19000000	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	29 U	37 U	33 U	31 U	18 U	27 U	9100	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	710 U	910 U	820 U	780 U	450 U	680 U	470000	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	7 U	9 U	8.1 U	7.7 U	4.5 U	6.7 U	2000	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	1.4 U	1.8 U	1.7 U	1.6 U	0.91 U	1.4 U	56 J	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	1.5 U	1.9 U	1.7 U	1.6 U	0.92 U	1.4 U	120 J	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	1500 U	1900 U	1700 U	1600 U	950 U	1400 U	680000	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.5 U	0.87 U	1.3 U	540	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	1.4 U	1.8 U	1.7 U	1.6 U	0.91 U	1.4 U	1.4 U	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	1.5 U	1.9 U	1.7 U	1.6 U	0.93 U	1.4 U	1.4 U	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	1.5 U	1.9 U	1.7 U	1.6 U	0.93 U	1.4 U	1.4 U	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	1.4 U	1.9 U	1.7 U	1.6 U	0.92 U	1.4 U	21 J	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	1.4 U	1.9 U	1.7 U	1.6 U	0.92 U	1.4 U	1.4 U	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.5 U	0.88 U	1.3 U	1.3 U	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.5 U	0.9 U	1.3 U	1.3 U	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.6 U	0.91 U	1.4 U	1.4 U	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	44 J	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	70 J	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	23 U	17 U	15 U	14 U	18 U	18 U	18 U	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	66 J	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	81 J	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	48	20 U	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	23 U	17 U	15 U	14 U	18 U	43 J	18 U	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	240 U	180 U	160 U	150 U	190 U	3000	190 U	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	120 U	94 U	82 U	77 U	100 U	230	100 U	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	23 U	18 U	15 U	14 U	19 U	19 U	19 U	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	47	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	240	19 U	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	59	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	98	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	130	19 U	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	21 U	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	140	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	23 U	18 U	15 U	14 U	19 U	19 U	120	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
					PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)
E-SB-847-07	SB-847	7	7	20100913	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	8.7	13.16	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	35	39.355	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	200000	200423.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	55	59.235	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	0 U	5.16	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	0 U	4.885	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	0 U	5.22	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	0 U	4.83	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	0 U	5.22	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	0 U	5.225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	0 U	5.22	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	0 U	5.21	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	0 U	5.215	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	120000	120220.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	970	974.24	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	4300	4321.35	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	19000000	19224000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	9100	9187.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	470000	472175	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	2000	2021.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	56	60.405	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	120	124.51	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	680000	684525	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	540	544.235	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	0 U	5.105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	0 U	5.215	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	0 U	5.215	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	21	25.46	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	0 U	5.16	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	0 U	4.89	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	0 U	4.9	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	0 U	5.055	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	44	100.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	70	125.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	0 U	61.5	0.67 U	0.42 U	0.68 U	1.3 U	0.79 U	1 U	1.2 U	1.3 U	0.51 U	0.56 U	0.89 U	0.95 B	0.54 UJ
E-SB-887-6-10	E-SB-887	6	10	20120530	0 U	67.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	66	121.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	81	139	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	48	106	3.7 U	3.2 J	3.7 U	7.1 U	4.3 U	5.6 U	6.5 U	7.1 U	2.8 U	3.1 U	4.8 U	5.1 U	3 UJ
E-SB-889-6-10	E-SB-889	6	10	20120530	43	95.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	3000	3555	7 U	24	7.1 U	14 U	8.3 U	11 U	12 U	14 U	5.3 U	5.9 U	9.3 U	9.8 U	5.7 UJ
E-SB-890-4-10	E-SB-890	4	10	20120530	230	516.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	0 U	63.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	47	102.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	240	294.5	3.4 U	2.2 U	3.5 U	6.6 U	4 U	5.2 U	6.1 U	6.6 U	2.6 U	2.9 U	4.5 U	4.8 U	2.8 UJ
E-SB-893-6-10	E-SB-893	6	10	20120530	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	0 U	67.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	0 U	67.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	59	114.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	98	156	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	130	185.5	0.69 U	1.2 J	0.7 U	1.3 U	0.82 U	1.1 U	1.2 U	1.3 U	0.53 U	0.58 U	0.92 U	0.97 U	0.56 UJ
E-SB-896-6-10	E-SB-896	6	10	20120529	0 U	71	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	140	198.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	120	174	0.68 U	0.43 U	0.69 U	1.3 U	0.8 U	1 U	1.2 U	1.3 U	0.52 U	0.57 U	0.9 U	0.95 U	0.55 UJ

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE
					PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	43 U	15000 B	3.8 U
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	42 U	20000 B	3.8 U
E-SB-887-2-6	E-SB-887	2	6	20120530	1.1 U	0.68 U	0.8 U	0.45 U	1.2 UJ	0.86 U	1.6 U	21 UJ	--	--	--	43 U	19000 B	3.6 U
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	43 U	18000 B	3.9 U
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	45 U	17000 B	3.8 U
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	48 U	19000 B	3.9 U
E-SB-889-2-6	E-SB-889	2	6	20120530	5.9 U	3.7 U	4.4 U	2.5 U	6.5 UJ	4.7 U	8.9 U	110 UJ	--	--	--	46 U	12000 B	3.9 U
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	51 U	18000 B	3.6 U
E-SB-890-2-4	E-SB-890	2	4	20120530	35 K	7.1 U	8.4 U	4.7 U	12 UJ	9 U	17 U	210 UJ	--	--	--	12000	120000	29
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	280	19000 B	3.9 U
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	41 U	17000 B	3.6 U
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	41 U	18000 B	3.8 U
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	37 U	17000 B	3.8 U
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	37 U	17000 B	3.8 U
E-SB-893-2-6	E-SB-893	2	6	20120530	5.5 U	3.5 U	4.1 U	2.3 U	6.1 UJ	4.4 U	8.3 U	110 UJ	--	--	--	48 U	16000 B	3.6 UJ
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	44 U	18000 B	3.8 U
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	48 U	20000 B	3.9 U
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	47 U	13000 B	3.8 U
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	41 U	13000 B	3.7 U
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	300	13000 B	3.8 U
E-SB-896-2-6	E-SB-896	2	6	20120529	1.1 U	0.7 U	0.83 U	0.47 U	1.2 UJ	0.89 U	1.7 U	21 UJ	--	--	--	42 J	10000 U	3.7 U
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	49 U	16000 B	4.1 U
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	42 U	11000 U	3.9 U
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	43 U	11000 U	4 U
E-SB-898-2-8	E-SB-898	2	8	20120530	5.8 J	0.69 U	0.81 U	0.46 U	1.2 UJ	0.88 U	1.6 U	21 UJ	--	--	--	44 U	12000 B	3.6 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-887-2-6	E-SB-887	2	6	20120530	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	3.6 U	3.6 U	3.6 U	3.6 U
E-SB-887-6-10	E-SB-887	6	10	20120530	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-888-2-4	E-SB-888	2	4	20120530	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-888-6-10	E-SB-888	6	10	20120530	3.9 U	3.9 U	3.9 U	4.6 J	21.973	20.023	--	21	15	20	9.6
E-SB-889-2-6	E-SB-889	2	6	20120530	3.9 U	3.9 U	3.9 U	4.7 J	33.799	31.849	--	27	24	36	17
E-SB-889-6-10	E-SB-889	6	10	20120530	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	3.6 U	3.6 U	3.6 U	3.6 U
E-SB-890-2-4	E-SB-890	2	4	20120530	29	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-890-4-10	E-SB-890	4	10	20120530	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-891-2-6	E-SB-891	2	6	20120530	3.6 U	3.6 U	3.6 U	3.6 U	11.0739	9.2739	--	8.9	7 J	8.9	4.7 J
E-SB-891-6-10	E-SB-891	6	10	20120530	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-892-2-6	E-SB-892	2	6	20120529	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-892-6-10	E-SB-892	6	10	20120529	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-893-2-6	E-SB-893	2	6	20120530	3.6 UJ	3.6 UJ	3.6 UJ	3.6 UJ	45.167	43.367	--	31 J	33 J	46 J	28 J
E-SB-893-6-10	E-SB-893	6	10	20120530	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-894-2-6	E-SB-894	2	6	20120530	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-894-6-10	E-SB-894	6	10	20120530	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-895-2-6	E-SB-895	2	6	20120530	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-895-6-10	E-SB-895	6	10	20120530	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-896-2-6	E-SB-896	2	6	20120529	3.7 U	13	3.7 U	24	65.689	65.689	--	57	44	62	29
E-SB-896-6-10	E-SB-896	6	10	20120529	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	4.1 U	4.1 U	4.1 U	4.1 U
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	3.9 U	3.9 U	3.9 U	16	102.832	100.882	--	77	76	120	56
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	4 U	4 U	4 U	4 U	7.3241	4.9041	--	6 J	4.3 J	4 U	4 U
E-SB-898-2-8	E-SB-898	2	8	20120530	3.6 U	3.6 U	3.6 U	3.6 U	8.304	6.504	--	6.8 J	4.8 J	6.1 J	4.2 J

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	3.6 U	1.2 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	3.8 U	1.3 U	3.8 U	4.4 J	3.8 U	3.8 U	3.8 U	3.8 U	4.9 J	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	7.5 J	18	3.9 U	38	3.9 U	8.3	3.9 U	23	28	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	12	29	3.9 U	45	3.9 U	14	3.9 U	20	43	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	3.6 U	1.2 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	3.7 U	1.2 U	3.7 U	3.7 U	4.6 J	3.7 U	12	10	3.7 U	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	4.7 J	6.9 J	3.6 U	14	3.6 U	4.4 J	3.6 U	7.7	12	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	23 J	37 J	3.6 UJ	55 J	3.6 UJ	24 J	3.6 UJ	21 J	48 J	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	3.7 U	1.2 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	24	49	6.9 J	120	11	26	4.5 J	98	91	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	4.1 U	1.4 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	50	82	3.9 U	150	4.5 J	46	3.9 U	64	110	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	4 U	4.1 J	4 U	9.7	4 U	4 U	4 U	7.6 J	7.9 J	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	3.8 J	6 J	3.6 U	12	3.6 U	3.7 J	3.6 U	7 J	8.8	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214	POTASSIUM-40
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-
					TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	SILANOL, DIMETHYL(1,1,2-TRIMETHYLPROPYL)	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]	UNKNOWN [2.17]
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	UNKNOWN [3.57]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	HEXANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
E-SB-847-07	SB-847	7	7	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-847-09	SB-847	9	9	20100913	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-848-04	SB-848	0	4	20110711	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-848-06	SB-848	4	6	20110711	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-848-08	SB-848	6	8	20110711	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-848-12	SB-848	8	12	20110711	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-849-04	SB-849	0	4	20110711	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-849-08	SB-849	4	8	20110711	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-849-12	SB-849	8	12	20110711	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-850-04	SB-850	2	4	20110712	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-850-08	SB-850	4	8	20110712	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-850-12	SB-850	8	12	20110712	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-851-04	SB-851	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-851-08	SB-851	7	8	20110713	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-851-12	SB-851	8	12	20110713	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-852-12	SB-852	8	12	20110713	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-853-0-4	SB-853	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-853-4-8	SB-853	5	8	20110714	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-853-8-12	SB-853	8	12	20110714	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-854-0-4	SB-854	0	2.5	20110714	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-854-4-8	SB-854	5	8	20110714	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-854-8-12	SB-854	8	12	20110714	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-855-0-4	SB-855	0	3.5	20110714	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-855-4-8	SB-855	5	8	20110714	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-855-8-12	SB-855	8	12	20110714	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-856-04	SB-856	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-856-08	SB-856	5	8	20110713	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-856-12	SB-856	8	12	20110713	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-857-04	SB-857	0	2.5	20110713	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-857-08	SB-857	7.5	8	20110713	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-858-04	SB-858	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-858-08	SB-858	5	8	20110712	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-859-04	SB-859	0	2.5	20110712	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-859-08	SB-859	5	8	20110712	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-886-2-4	E-SB-886	2	4	20120530	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-886-6.5-10	E-SB-886	6.5	10	20120530	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-887-2-6	E-SB-887	2	6	20120530	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-887-6-10	E-SB-887	6	10	20120530	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-888-2-4	E-SB-888	2	4	20120530	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-888-6-10	E-SB-888	6	10	20120530	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-889-2-6	E-SB-889	2	6	20120530	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-889-6-10	E-SB-889	6	10	20120530	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-890-2-4	E-SB-890	2	4	20120530	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-890-4-10	E-SB-890	4	10	20120530	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-891-2-6	E-SB-891	2	6	20120530	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-891-6-10	E-SB-891	6	10	20120530	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-892-2-6	E-SB-892	2	6	20120529	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-892-6-10	E-SB-892	6	10	20120529	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-893-2-6	E-SB-893	2	6	20120530	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-893-6-10	E-SB-893	6	10	20120530	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-894-2-6	E-SB-894	2	6	20120530	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-894-6-10	E-SB-894	6	10	20120530	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-895-2-6	E-SB-895	2	6	20120530	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-895-6-10	E-SB-895	6	10	20120530	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-896-2-6	E-SB-896	2	6	20120529	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-896-6-10	E-SB-896	6	10	20120529	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-897-2-3.5	E-SB-897	2	3.5	20120529	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-897-6.5-10	E-SB-897	6.5	10	20120529	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-898-2-8	E-SB-898	2	8	20120530	--	--	--	--	--	--	--	--	--	--	NORMAL

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.41 UL	1.9 L	21	0.25 J
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2 UL	2.2 J	11 J	1.3 B
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.39 UL	3.6	6.4 J	0.42 J
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9 UL	3.6 J	11 J	1.5 B
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.4 UL	4.6	35 J	0.56
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.42 UL	3.1	12 J	0.37 B
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.39 UL	0.81 J	10 J	1.6
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-233	URANIUM-234	URANIUM-235
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	0.065 J	6.9	2.5	5.6	--	3.2	--	0.016 U	0.35 B	3.2 J	0.47 U	0.1 U	0.57 U	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	0.18 U	17	4.1	8.5 J	--	5.6	--	0.017 U	1.4 U	15	2.3 U	0.5 U	0.55 U	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	0.036 U	18	3.4	7.2	--	2.3	--	0.017 U	0.35 B	5.2	0.45 U	0.1 U	0.55 U	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	0.18 U	20	6.3	13	--	5.6	--	0.019 U	1.3 U	21	2.2 U	0.5 U	0.55 U	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	0.074 J	17	3.2	6.9	--	8.1	--	0.027 J	0.58 J	6.3	0.72 J	0.1 U	0.57 U	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	0.039 U	9.5	3.8	5.4	--	3.2	--	0.018 J	0.39 J	4.8	0.48 U	0.11 U	0.59 U	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	0.036 U	17	3.3	8.6	--	3.8	--	0.019 U	0.27 U	9.8	0.45 U	0.1 U	0.55 U	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	12	13	--	--	0.42 J	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	24	15	--	--	0.29 U	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	34	11	--	--	0.3 U	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	30	39	--	--	0.32 U	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	26 J	24	--	--	0.31 U	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	18 J	13	--	--	0.3 U	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	23	27	--	--	0.31 U	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268
					PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	120	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	19 U	19 U	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	23 U	17 U	15 U	14 U	19 U	19 U	29 J	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	19 U	19 U	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	23.5 U	18 U	16 U	14.5 U	19 U	19 U	19 U	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	26 U	19 U	17 U	16 U	21 U	21 U	21 U	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	22 U	17 U	15 U	14 U	18 U	18 U	18 U	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	140	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	23 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	23 U	18 U	15.5 U	14.5 U	19 U	19 U	19 U	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	23 U	18 U	15 U	14 U	19 U	19 U	19 U	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	23 U	17 U	15 U	14 U	18 U	18 U	18 U	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	23 U	17.5 U	15 U	14 U	18.5 U	18.5 U	18.5 U	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	23 U	18 U	15 U	14 U	19 U	19 U	19 U	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	23 U	18 U	15 U	14 U	19 U	19 U	19 U	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	23 U	17 U	15 U	14 U	19 U	19 U	19 U	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	21 U	16 U	14 U	13 U	17 U	17 U	17 U	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	22 U	17 U	15 U	14 U	18 U	18 U	18 U	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	29 J	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	23 U	18 U	16 U	15 U	19 U	19 U	320	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	23 J	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	240 U	180 U	160 U	150 U	200 U	200 U	3000	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	290	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	23 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	22 U	17 U	15 U	14 U	18 U	18 U	18 U	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
					PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	120	177.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	0 U	64	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	29	82.5	0.68 U	0.43 U	0.69 U	1.3 U	0.8 U	1 U	1.2 U	1.3 U	0.51 U	0.57 U	0.9 UJ	0.95 U	0.55 UJ
E-SB-900-6-10	E-SB-900	6	10	20120531	0 U	64	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	0 U	64.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	0 U	67.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	0 U	70.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	0 U	61	0.66 U	0.42 U	0.67 U	1.3 U	0.78 U	1 U	1.2 U	1.3 U	0.5 U	0.56 U	0.88 U	1.2 J	0.53 UJ
E-SB-903-6-10	E-SB-903	6	10	20120531	0 U	67	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	140	195.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	0 U	64.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	0 U	64	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	0 U	63.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	0 U	61.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	0 U	62.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	0 U	63.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	0 U	63.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	0 U	63	0.68 U	0.43 U	0.69 U	1.3 U	0.8 U	1 U	1.2 U	1.3 U	0.51 U	0.57 U	0.9 U	0.95 U	0.55 UJ
E-SB-908-6-10	E-SB-908	6	10	20120531	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	0 U	67.5	0.73 U	0.46 U	0.74 U	1.4 U	0.85 U	1.1 U	1.3 U	1.4 U	0.55 U	0.61 U	0.96 UJ	1 U	0.59 UJ
E-SB-909-6-10	E-SB-909	6	10	20120531	0 U	68	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	0 U	57.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	0 U	61	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	29	86	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	320	375	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	23	81	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	3000	3565	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	290	347.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	0 U	64.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	0 U	61	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	0 U	67	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	0 U	68	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	0 U	68	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE
					PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	41 U	13000 B	3.9 U
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	46 B	10000 U	3.7 U
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	37 U	17000 B	3.7 U
E-SB-900-2-6	E-SB-900	2	6	20120531	2.1 J	0.69 U	0.81 UJ	0.46 U	1.2 UJ	0.87 U	1.6 U	21 UJ	--	--	--	67 B	10000 U	3.6 U
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	37 U	10000 U	3.7 U
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	40 U	10000 U	3.7 U
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	43 U	10000 U	3.7 U
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	44 B	11000 U	3.7 U
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	42 U	11000 U	3.8 U
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	45 U	11000 B	3.9 U
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	66 J	12000 B	4.1 U
E-SB-903-2-6	E-SB-903	2	6	20120531	1.1 U	0.67 U	0.79 U	0.45 U	1.2 UJ	0.86 U	1.6 U	20 UJ	--	--	--	37 U	9700 U	3.5 U
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	42 U	11000 U	3.8 U
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	47 U	11000 U	15 U
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	37 U	11000 U	3.8 U
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	49 B	730000 J	73 U
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	55.5 U	530000	54.5 U
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	62 B	330000 J	36 U
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	1200	1500000	190 U
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	37 U	720000 J	3.6 U
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	46 U	1360000	3.6 U
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	55 B	2000000 J	3.6 U
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	43 U	4800000	38 U
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	39 U	10000 U	3.6 U
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	39 U	11000 U	3.8 U
E-SB-908-2-6	E-SB-908	2	6	20120531	1.1 U	0.69 U	0.81 U	0.46 U	1.2 UJ	0.87 U	1.6 U	21 UJ	--	--	--	38 U	10000 U	3.6 U
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	45 B	10000 U	3.7 U
E-SB-909-2-6	E-SB-909	2	6	20120531	1.2 U	0.74 U	0.87 UJ	0.49 U	1.3 UJ	0.94 U	1.8 U	22 UJ	--	--	--	47 B	17000 B	3.8 U
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	45 U	11000 U	3.9 U
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	41 U	11000 U	3.8 U
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	47 U	11000 U	5.6 J
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	9.2 U
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	3.5 U
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	3.8 U
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	8.4
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7 U
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	4.4 U
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7 U
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	3.9 U
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	3.5 U
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	4.8 U
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7 U
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	3.5 U
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7 U
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	3.5 UJ
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7 UJ
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	3.8 U
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	3.9 U
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	3.8 U
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7 U
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	3.8 U
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	10 J
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-899-6-10	E-SB-899	6	10	20120529	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-900-2-6	E-SB-900	2	6	20120531	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	3.6 U	3.6 U	3.6 U	3.6 U
E-SB-900-6-10	E-SB-900	6	10	20120531	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-900-6-10-D	E-SB-900	6	10	20120531	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-901-2-6	E-SB-901	2	6	20120531	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-901-6-10	E-SB-901	6	10	20120531	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-902-2-6	E-SB-902	2	6	20120530	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-902-6-10	E-SB-902	6	10	20120530	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	4.1 U	4.1 U	4.1 U	4.1 U
E-SB-903-2-6	E-SB-903	2	6	20120531	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	--	3.5 U	3.5 U	3.5 U	3.5 U
E-SB-903-6-10	E-SB-903	6	10	20120531	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-904-2-6	E-SB-904	2	6	20120531	15 U	15 U	15 U	15 U	15 U	15 U	--	15 U	15 U	15 U	15 U
E-SB-904-6-10	E-SB-904	6	10	20120531	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-905-2-6	E-SB-905	2	6	20120531	73 U	73 U	73 U	73 U	73 U	73 U	--	73 U	73 U	73 U	73 U
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	54.5 U	54.5 U	54.5 U	54.5 U	54.5 U	54.5 U	--	54.5 U	54.5 U	54.5 U	54.5 U
E-SB-905-2-6-D	E-SB-905	2	6	20120531	36 U	36 U	36 U	36 U	36 U	36 U	--	36 U	36 U	36 U	36 U
E-SB-905-6-10	E-SB-905	6	10	20120531	190 U	190 U	190 U	190 U	190 U	190 U	--	190 U	190 U	190 U	190 U
E-SB-906-2-6	E-SB-906	2	6	20120531	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	3.6 UJ	3.6 UJ	3.6 UJ	3.6 UJ
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	3.6 U	3.6 U	3.6 U	3.6 U	19.586	18.686	--	7.9	14.9	16.4	14.9
E-SB-906-2-6-D	E-SB-906	2	6	20120531	3.6 U	3.6 U	3.6 U	3.6 U	37.372	35.572	--	14 J	28 J	31 J	28 J
E-SB-906-6-10	E-SB-906	6	10	20120531	38 U	38 U	38 U	38 U	190.877	171.687	--	110	140	46 J	120
E-SB-907-2-6	E-SB-907	2	6	20120531	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	3.6 U	3.6 U	3.6 U	3.6 U
E-SB-907-6-10	E-SB-907	6	10	20120531	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-908-2-6	E-SB-908	2	6	20120531	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	3.6 U	3.6 U	3.6 U	3.6 U
E-SB-908-6-10	E-SB-908	6	10	20120531	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-909-2-6	E-SB-909	2	6	20120531	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-909-6-10	E-SB-909	6	10	20120531	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-910-2-6	E-SB-910	2	6	20120531	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-910-6-10	E-SB-910	6	10	20120531	7.8	9.4	3.8 U	5.1 J	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-955-2-3	E-SB-955	2	3	20120629	9.2 U	9.2 U	9.2 U	9.2 UL	9.2 U	9.2 U	--	9.2 UL	9.2 U	9.2 U	9.2 U
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	--	3.5 U	3.5 U	3.5 U	3.5 U
E-SB-956-2-3	E-SB-956	2	3	20120628	7.9	18	3.8 U	8.4 L	27.165	25.265	--	21 L	19	26	16
E-SB-956-3-4	E-SB-956	3	4	20120628	15	7.7	3.7 U	8 L	29.63	27.78	--	26 L	20	34	18
E-SB-957-2-3	E-SB-957	2	3	20120628	3.7 U	3.7 U	3.7 U	3.7 UL	10.8476	8.6091	--	3.7 UL	7.5	11	3.7 U
E-SB-957-3-4	E-SB-957	3	4	20120628	4.4 U	4.4 U	4.4 U	4.4 UL	4.4 U	4.4 U	--	4.4 UL	4.4 U	4.4 U	4.4 U
E-SB-958-2-3	E-SB-958	2	3	20120628	3.7 U	3.7 U	3.7 U	12 L	62.418	60.568	--	54 L	46	58	36
E-SB-958-3-4	E-SB-958	3	4	20120628	3.9 U	3.9 U	3.9 U	3.9 UL	3.9 U	3.9 U	--	3.9 UL	3.9 U	3.9 U	3.9 U
E-SB-959-2-3	E-SB-959	2	3	20120628	3.5 U	3.5 U	3.5 U	3.5 UL	10.1694	8.2269	--	6.2 J	6.6 J	10	3.5 U
E-SB-959-3-4	E-SB-959	3	4	20120628	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U	--	4.8 U	4.8 U	4.8 U	4.8 U
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-961-2-3	E-SB-961	2	3	20120628	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	--	3.5 U	3.5 U	3.5 U	3.5 U
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	3.5 UJ	3.5 UJ	3.5 UJ	3.5 UJ	16.5575	14.615	--	12 J	12 J	14 J	3.5 UJ
E-SB-968-3-4	E-SB-968	3	4	20120627	3.7 UJ	3.7 UJ	3.7 UJ	3.7 UJ	4.9791	0.89	--	3.7 UJ	3.7 UJ	8.9 J	3.7 UJ
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-971-2-3	E-SB-971	2	3	20120627	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-972-2-3	E-SB-972	2	3	20120629	3.7 U	3.7 U	3.7 U	3.7 U	16.8	14.95	--	14	11	17	8.6
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	3.8 U	3.8 U	3.8 U	5.4 J	25.199	23.299	--	20	18	22	13
E-SB-973-2-3	E-SB-973	2	3	20120629	14 J	83 J	3.9 UJ	120 J	322.47	322.47	--	270 J	210 J	290 J	140 J
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	3.7 U	1.2 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	3.7 U	1.2 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	3.6 U	1.2 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	3.7 U	1.2 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	3.7 U	1.2 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	3.7 U	1.2 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	3.7 U	1.2 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	4.1 U	1.4 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	3.5 U	1.2 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	15 U	5 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	73 U	24 U	73 U	77 J	73 U	73 U	73 U	73 UJ	73 U	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	54.5 U	18 U	54.5 U	66.5	54.5 U	54.5 U	54.5 U	55.25	54.5 U	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	36 U	12 U	36 U	56 J	36 U	36 U	36 U	74 J	36 U	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	190 U	62 U	190 U	190 U	190 U	190 U	190 U	190 U	260 J	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	3.6 UJ	1.2 UJ	3.6 U	16 J	3.6 U	3.6 UJ	3.6 U	3.6 U	13 J	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	8.4	11.3	3.6 U	27.5	3.6 U	15.4	3.6 U	3.6 U	21.5	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	15 J	22 J	3.6 U	39 J	3.6 U	29 J	3.6 U	3.6 U	30 J	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	38 U	87	38 U	360	38 U	160	38 U	38 U	270	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	3.6 U	1.2 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	3.6 U	1.2 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	3.7 U	1.2 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	3.8 U	1.3 U	3.8 U	5.5 J	15	3.8 U	3.8 J	23	3.8 U	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	9.2 U	3.1 U	9.2 U	9.2 U	9.2 U	9.2 U	9.2 U	9.2 U	9.2 UL	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	3.5 U	1.2 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	14	25 L	3.8 U	45 L	18	14	37	53 L	35 L	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	15	30 L	3.7 U	42 L	8.4	16	17	37 L	37 L	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	3.7 U	9.1 L	3.7 U	12 L	3.7 U	3.7 U	3.7 U	3.7 UL	13 L	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	4.4 U	1.5 UL	4.4 U	4.4 UL	4.4 U	4.4 U	4.4 U	4.4 UL	4.4 UL	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	31	58 L	3.7 U	93 L	3.7 U	30	3.7 U	54 L	80 L	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	3.9 U	1.3 UL	3.9 U	3.9 UL	3.9 U	3.9 U	3.9 U	3.9 UL	3.9 UL	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	3.5 U	6.9 J	3.5 U	12	3.5 U	3.5 U	3.5 U	5.1 J	11 L	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	4.8 U	1.6 U	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	3.7 U	1.2 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	3.5 U	1.2 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	3.7 U	1.2 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	3.5 UJ	15 J	3.5 UJ	15 J	3.5 UJ	3.5 UJ	3.5 UJ	8.9 J	18 J	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	3.7 UJ	1.2 UJ	3.7 UJ	8.2 J	3.7 UJ	3.7 UJ	3.7 UJ	3.7 UJ	10 J	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	5.8 J	12	3.7 U	26	3.7 U	7.8	3.7 U	14	21	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	7.8	21	3.8 U	39	3.8 U	10	3.8 U	20	32	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	120 J	270 J	42 J	590 J	62 J	130 J	40 J	510 J	480 J	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214	POTASSIUM-40
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	0.345 J	0.232 J	0.317 J	--	--	0.397 J	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	0.527 J	0.517 J	0.664 J	--	--	0.388 J	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	0.472 J	0.303 J	0.563 J	--	--	0.25 J	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	0.794 J	0.33 J	0.729 J	--	--	0.221 J	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	0.23 J	0.136 J	0.276 J	--	--	0.233 J	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	0.402 J	0.361 J	0.337 J	--	--	0.309 J	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	0.294 J	0.289 J	0.29 J	--	--	0.406 J	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	0.00937 U	--	0.108 U	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	0.0215 U	--	0.365 J	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	-0.0018 U	--	0.356 J	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	0.0125 U	--	0.325 J	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	-0.00146 U	--	0.16 J	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	0.0224 U	--	0.3 J	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	0.0439 U	--	0.23 J	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-
					TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	SILANOL, DIMETHYL(1,1,2-TRIMETHYLPROPYL)	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]	UNKNOWN [2.17]
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	UNKNOWN [3.57]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	HEXANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
E-SB-898-8-11	E-SB-898	8	11	20120530	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-899-2-3.5	E-SB-899	2	3.5	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-899-6-10	E-SB-899	6	10	20120529	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-900-2-6	E-SB-900	2	6	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-900-6-10	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-900-6-10-AVG	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-900-6-10-D	E-SB-900	6	10	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-901-2-6	E-SB-901	2	6	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-901-6-10	E-SB-901	6	10	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-902-2-6	E-SB-902	2	6	20120530	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-902-6-10	E-SB-902	6	10	20120530	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-903-2-6	E-SB-903	2	6	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-903-6-10	E-SB-903	6	10	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-904-2-6	E-SB-904	2	6	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-904-6-10	E-SB-904	6	10	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-905-2-6	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-905-2-6-AVG	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-905-2-6-D	E-SB-905	2	6	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-905-6-10	E-SB-905	6	10	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-906-2-6	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-906-2-6-AVG	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-906-2-6-D	E-SB-906	2	6	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-906-6-10	E-SB-906	6	10	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-907-2-6	E-SB-907	2	6	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-907-6-10	E-SB-907	6	10	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-908-2-6	E-SB-908	2	6	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-908-6-10	E-SB-908	6	10	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-909-2-6	E-SB-909	2	6	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-909-6-10	E-SB-909	6	10	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-910-2-6	E-SB-910	2	6	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-910-6-10	E-SB-910	6	10	20120531	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-955-2-3	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-955-2-3-RAD	E-SB-955	2	3	20120629	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-955-3-4	E-SB-955	3	4	20120629	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-956-2-3	E-SB-956	2	3	20120628	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-956-3-4	E-SB-956	3	4	20120628	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-957-2-3	E-SB-957	2	3	20120628	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-957-3-4	E-SB-957	3	4	20120628	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-958-2-3	E-SB-958	2	3	20120628	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-958-3-4	E-SB-958	3	4	20120628	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-959-2-3	E-SB-959	2	3	20120628	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-959-3-4	E-SB-959	3	4	20120628	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-960-2-3.5	E-SB-960	2	3.5	20120628	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-961-2-3	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-961-2-3-RAD	E-SB-961	2	3	20120628	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-962-2-3	E-SB-962	2	3	20120628	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-963-2-2.5-RAD	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-968-2-3	E-SB-968	2	3	20120627	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-968-3-4	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-968-3-4-RAD	E-SB-968	3	4	20120627	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-969-2-3	E-SB-969	2	3	20120627	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-969-3-4-RAD	E-SB-969	3	4	20120627	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-970-2-3	E-SB-970	2	3	20120627	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-971-2-3	E-SB-971	2	3	20120627	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-972-2-3	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-972-2-3-RAD	E-SB-972	2	3	20120629	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-972-3-4	E-SB-972	3	4	20120629	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-973-2-3	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-973-2-3-RAD	E-SB-973	2	3	20120629	--	--	--	--	--	--	--	--	--	--	NORMAL

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C1-FLUORANTHENES/PYRENES ALKYLATED PAHS (UG/KG)	C1-FLUORENES ALKYLATED PAHS (UG/KG)	C1-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	C2-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C2-FLUORENES ALKYLATED PAHS (UG/KG)	C2-NAPHTHALENES ALKYLATED PAHS (UG/KG)	C2-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	C3-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C3-FLUORENES ALKYLATED PAHS (UG/KG)	C3-NAPHTHALENES ALKYLATED PAHS (UG/KG)	C3-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	C4-CHRYSENES/BENZO(A)ANTHRACENES ALKYLATED PAHS (UG/KG)	C4-NAPHTHALENES ALKYLATED PAHS (UG/KG)	C4-PHENANTHRENES/ANTHRACENES ALKYLATED PAHS (UG/KG)	ANTIMONY METALS (MG/KG)	ARSENIC METALS (MG/KG)	BARIUM METALS (MG/KG)	BERYLLIUM METALS (MG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9 U	1.5 J	16 J	1.2
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-233	URANIUM-234	URANIUM-235
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	0.17 U	13	4	12	--	6 L	--	0.016 J	1.3 U	18	2.2 U	0.48 U	0.53 U	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	18	32	--	--	0.32 U	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268
					PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	23 U	18 U	15 U	14 U	19 U	19 U	19 U	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	24 U	18 U	16 U	20 J	19 U	19 U	19 U	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	48 U	37 U	32 U	30 U	39 U	39 U	860	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	23 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	87	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	29 J	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	1200 U	920 U	800 U	750 U	980 U	980 U	6500	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	1200 U	920 U	800 U	750 U	980 U	980 U	6000	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	23 U	17 U	15 U	14 U	18 U	18 U	18 U	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	28 U	21 U	18 U	17 U	22 U	22 U	22 U	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	27 U	20 U	18 U	16 U	21 U	21 U	21 U	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	25 U	19 U	17 U	16 U	21 U	21 U	21 U	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	120 U	89 U	78 U	73 U	95 U	95 U	290	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	120 U	95 U	83 U	77 U	100 U	100 U	860	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	24000 U	18000 U	16000 U	150000 U	200000 U	200000 U	1700000	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	130 U	97 U	85 U	79 U	100 U	100 U	340	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	400	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	120 U	93 U	81 U	75 U	99 U	99 U	660	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U	20 U	20 U	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	23 U	17 U	15 U	14 U	18 U	18 U	18 U	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	34 J	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	23 J	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	39	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	42	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	34 J	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	140	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	23 U	18 U	16 U	14 U	19 U	19 U	75	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	1200 U	900 U	790 U	730 U	960 U	960 U	5500	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	250 U	190 U	160 U	150 U	200 U	200 U	550	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	31 J	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	31 J	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	110 U	87 U	76 U	71 U	93 U	93 U	93 U	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	58	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	11000 U	8800 U	7700 U	7100 U	9300 U	150000	9300 U	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	490 U	380 U	330 U	310 U	400 U	400 U	1400	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	110 U	87 U	76 U	70 U	92 U	92 U	350	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	120 U	94 U	82 U	76 U	100 U	100 U	290	--	--
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	--	--	--	--	--	120 U	93 U	81.5 U	75.5 U	99 U	99 U	340	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	120 U	92 U	81 U	75 U	98 U	98 U	390 J	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	1100 U	860 U	750 U	700 U	910 U	15000	910 U	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	310	19 U	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	23000 U	18000 U	15000 U	14000 U	19000 U	260000	19000 U	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	240 U	190 U	160 U	150 U	200 U	200 U	220 J	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	36 J	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	110 U	87 U	76 U	71 U	93 U	3400	93 U	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
					PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	0 U	63.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	0 U	67	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	0 U	67	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	0 U	67	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	0 U	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	20	77.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	0 U	67	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	860	972.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	0 U	64.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	87	142.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	29	84.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	6500	9315	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	6000	8815	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	0 U	61.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	0 U	65	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	0 U	67.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	0 U	75	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	0 U	72	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	0 U	70	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	290	565	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	860	1147.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	1700000	2265000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	340	635.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	400	460.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	660	943.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	0 U	67	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	0 U	61.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	34	89.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	23	78.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	39	94.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	42	97.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	34	90.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	140	195.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	75	129.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	5500	8270	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	550	1125	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	31	86.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	31	86.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	0 U	311.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	58	114.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	150000	176600	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	1400	2555	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	350	613.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	290	576	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	340	624	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	390	672	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	15000	17615	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	310	365.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	260000	314000	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	220	790	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	36	91.5	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	3400	3665	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE
					PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7 U
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	3.9 U
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	3.8 U
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	19 U
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	57
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	3.8 U
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	3.9 U
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7 U
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	3.8 U
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	3.8 U
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7 U
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	140
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	3.8 U
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7 U
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	3.8 U
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	3.8 U
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	3.6 U
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7 U
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	3.9 U
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	4.3 U
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	4.1 U
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	4 U
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	3.9 U
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	20000 U	750000	3.8 UJ
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	3.9 U
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	3.9 U
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	3.7 U	13	3.7 U	23	58.629	58.629	--	53	40	54	24
E-SB-974-2-3	E-SB-974	2	3	20120629	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-975-2-3	E-SB-975	2	3	20120629	72	19 U	19 U	45	115.891	106.391	--	100	82	84	54
E-SB-975-3-4	E-SB-975	3	4	20120629	140	170	9.9 U	98	246.15	246.15	--	170	150	210	86
E-SB-976-2-3	E-SB-976	2	3	20120629	3.8 U	3.8 U	3.8 U	3.8 U	8.2246	6.1156	--	6 J	4.9 J	6.1 J	3.8 U
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-977-2-3	E-SB-977	2	3	20120629	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U	3.7 U	3.7 U	3.7 U
E-SB-977-3-4	E-SB-977	3	4	20120629	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	3.8 U	3.8 U	3.8 U	3.8 U	30.124	28.224	--	21	22	28	16
E-SB-979-2-3	E-SB-979	2	3	20120628	3.7 U	3.7 U	3.7 U	3.7 UL	3.7 U	3.7 U	--	3.7 UL	3.7 U	3.7 U	3.7 U
E-SB-979-3-4	E-SB-979	3	4	20120628	210	130	3.7 U	210 L	361.59	361.59	--	330 L	250	310	120
E-SB-980-2-3	E-SB-980	2	3	20120628	3.8 U	3.8 U	3.8 U	3.8 UL	3.8 U	3.8 U	--	3.8 UL	3.8 U	3.8 U	3.8 U
E-SB-980-3-4	E-SB-980	3	4	20120628	3.7 U	3.7 U	3.7 U	3.7 UL	3.7 U	3.7 U	--	3.7 UL	3.7 U	3.7 U	3.7 U
E-SB-981-2-3	E-SB-981	2	3	20120628	3.8 U	3.8 U	3.8 U	3.8 UL	3.8 U	3.8 U	--	3.8 UL	3.8 U	3.8 U	3.8 U
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	3.8 U	3.8 U	3.8 U	3.8 UL	3.8 U	3.8 U	--	3.8 UL	3.8 U	3.8 U	3.8 U
E-SB-982-2-3	E-SB-982	2	3	20120628	3.6 U	3.6 U	3.6 U	3.6 UL	21.463	19.663	--	15 L	15	22	8.6
E-SB-982-3-4	E-SB-982	3	4	20120628	3.7 U	3.7 U	3.7 U	3.7 UL	3.7 U	3.7 U	--	3.7 UL	3.7 U	3.7 U	3.7 U
E-SB-983-2-4	E-SB-983	2	4	20120719	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	4.3 U	4.3 U	4.3 U	4.3 U	18.441	16.291	--	15	11	15	8.1 J
E-SB-983-6-8	E-SB-983	6	8	20120719	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	4.1 U	4.1 U	4.1 U	4.1 U
E-SB-983-8-10	E-SB-983	8	10	20120719	4 U	4 U	4 U	4 U	4 U	4 U	--	4 U	4 U	4 U	4 U
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-984-4-6	E-SB-984	4	6	20120724	3.8 UJ	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U	3.8 U	3.8 U	3.8 U
E-SB-984-6-8	E-SB-984	6	8	20120724	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-984-8-10	E-SB-984	8	10	20120724	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	0.88 U	0.4 U	0.9 U	12.10245	11.7185	--	9	8.9	13	7.8
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	220	22 J	520	2540.1	2540.1	--	1700	1700	2300	1300
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	0.82 U	0.38 U	16	146.205	145.85	--	110	110	160	110
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	16	9.4	42	428.87	428.87	--	270	280	530	160
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	--	17.5	9.45	43.5	500.68	500.68	--	300	310	680	225
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	19	9.5	45	572.49	572.49	--	330	340	830	290
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	0.88 U	0.41 U	0.91 U	9.6331	9.2481	--	6.5 J	7 J	10	6.3 J
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	0.85 U	0.39 U	0.87 U	6.1377	5.7444	--	5.2 J	4.6 J	6.2 J	4.4 J
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	0.82 U	8.3	7.7	50.105	50.105	--	33	32	47	28

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	18	49	5.6 J	110	9.4	21	4.4 J	89	85	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	60	91	19 U	170	39	53	59	170	140	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	97	180	45	360	170	120	210	220	280	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	3.8 U	5.6 J	3.8 U	9.9	3.8 U	3.8 U	3.8 U	6.4 J	8	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	3.9 U	1.3 U	3.9 U	4 J	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	3.7 U	1.2 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	10	24	3.8 U	33	3.8 U	12	3.8 U	10	33	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	3.7 U	1.2 UL	3.7 U	3.7 UL	3.7 U	3.7 U	3.7 U	3.7 UL	3.7 UL	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	130	290 L	35	730 L	160	110	120	820 L	550 L	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	3.8 U	1.3 UL	3.8 U	3.8 UL	3.8 U	3.8 U	3.8 U	3.8 UL	3.8 UL	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	3.7 U	1.2 UL	3.7 U	3.7 UL	3.7 U	3.7 U	3.7 U	3.7 UL	3.7 UL	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	3.8 U	1.3 UL	3.8 U	3.8 UL	3.8 U	3.8 U	3.8 U	3.8 UL	3.8 UL	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	3.8 U	1.3 UL	3.8 U	3.8 UL	3.8 U	3.8 U	3.8 U	3.8 UL	3.8 UL	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	8.6	17 L	3.6 U	18 L	3.6 U	8.6	3.6 U	3.6 UL	18 L	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	3.7 U	1.2 UL	3.7 U	3.7 UL	3.7 U	3.7 U	3.7 U	3.7 UL	3.7 UL	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	3.9 U	1.3 U	3.9 U	22	3.9 U	3.9 U	4.7 J	3.9 U	3.9 U	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	7.7 J	14	4.3 U	49	4.3 U	22	4.3 U	13	21	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	4.1 U	1.4 U	4.1 U	22	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	4 U	1.3 U	4 U	21	4 U	4 U	4 U	4 U	4 U	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	3.8 U	1.3 U	3.8 U	18	3.8 U	3.8 U	3.8 UJ	15	3.8 U	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	0.79 U	8.5	0.76 U	16	0.61 U	6.1 J	0.95 U	6.7 J	13	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	840	1700	320	3700	180	1100	21 J	2000	2600	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	62	130	0.71 U	210	0.57 U	81	0.89 U	65	170	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	150	370	51	640	9.2	160	5.7 J	300	540	--	--
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	180	380	69	670	10.6	215	6.35	280	560	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	210	390	87	700	12	270	7 J	260	580	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	4.2 J	6.1 J	0.77 U	11	0.62 U	5.5 J	0.95 U	0.85 U	9.1	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	0.76 U	4.4 J	0.74 U	7.4 J	0.59 U	0.39 U	0.92 U	0.82 U	6.8 J	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	17	35	7.5	60	0.57 U	24	6.2 J	23	48	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214	POTASSIUM-40
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	0.347 J	0.259 J	0.372 J	--	--	0.265 J	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	0.338 J	0.249 J	0.398 J	--	--	0.56 J	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	0.593 J	0.67 J	0.582 J	--	--	0.305 J	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	0.257 J	0.248 J	0.204 J	--	--	6.27	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	0.267 J	0.398 J	0.398 J	--	--	7.28	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	0.27 J	0.355 J	0.258 J	--	--	0.263 J	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	0.0362 U	--	0.277 J	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	0.114 J	--	0.246 J	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	0.0123 U	--	0.234 J	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	0.125 J	--	0.811 J	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	0.253 J	--	0.959 J	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	0.0121 U	--	0.195 J	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-
					TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	--	--	--	--	--	--	--	16000 NJ
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	640 NJ	--	--	1100 NJ	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	780 NJ	--	--	--	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	SILANOL, DIMETHYL(1,1,2-TRIMETHYLPROPYL)	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]	UNKNOWN [2.17]
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	--	--	--	1300 NJ	--	--	--	--	--	--	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	--	--	10 R	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	UNKNOWN [3.57]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	--	280 U	640 U	270 U	--	1200 U	520 U	550 U	310 U	69000	640 U	5.2 U
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	0.56 U	0.5 U	0.3 U	--	1.2 U	0.32 U	0.47 U	0.27 U	0.34 U	0.81 U	0.15 U
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	--	9000 U	21000 U	8800 U	--	38000 U	17000 U	18000 U	9800 U	9800 U	21000 U	170 U
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	0.51 U	0.46 U	0.28 U	--	1.1 U	0.29 U	0.43 U	0.25 U	0.31 U	0.74 U	0.14 U
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	0.56 U	0.51 U	0.31 U	--	1.2 U	0.33 U	0.47 U	0.27 U	0.35 U	0.82 U	0.15 U
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	--	0.555 U	0.505 U	0.305 U	--	1.2 U	0.325 U	0.465 U	0.27 U	0.345 U	0.81 U	0.15 U
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	0.55 U	0.5 U	0.3 U	--	1.2 U	0.32 U	0.46 U	0.27 U	0.34 U	0.8 U	0.15 U
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	0.64 U	0.58 U	0.35 U	--	1.3 U	0.37 U	0.54 U	0.31 U	0.39 U	0.93 U	0.18 U
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	0.54 U	0.49 U	0.3 U	--	1.1 U	0.31 U	0.45 U	0.26 U	0.33 U	0.78 U	0.15 U
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	0.56 U	0.5 U	0.31 U	--	1.2 U	0.32 U	0.47 U	0.27 U	0.34 U	0.81 U	0.15 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	310000	150 U	1500 U	310 U	3100 J	310 U	250 U	--	320 J	670 U	3700 J	710 U
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	0.24 U	0.58 U	1.2 U	0.45 U	0.32 U	0.3 U	0.62 U	--	0.31 U	0.3 U	0.59 U	0.84 U
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	9100 B	4900 U	49000 U	9800 U	8500 U	9800 U	8100 U	--	5200 B	22000 U	9000 J	23000 U
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	0.22 U	0.53 U	1.1 U	0.41 U	0.29 U	0.28 U	0.56 U	--	0.29 U	0.28 U	0.54 U	0.77 U
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	0.25 U	0.59 U	1.2 U	0.45 U	0.33 U	0.31 U	0.63 U	--	0.32 U	0.31 U	0.6 U	0.86 U
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	0.245 U	0.585 U	1.2 U	0.45 U	0.325 U	0.305 U	0.62 U	--	0.315 U	0.305 U	0.595 U	0.85 U
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	0.24 U	0.58 U	1.2 U	0.45 U	0.32 U	0.3 U	0.61 U	--	0.31 U	0.3 U	0.59 U	0.84 U
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	0.28 U	0.67 U	1.3 U	0.52 U	0.37 U	0.35 U	0.71 U	--	0.36 U	0.35 U	0.68 U	0.97 U
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	0.24 U	0.57 U	1.1 U	0.44 U	0.31 U	0.3 U	0.6 U	--	0.3 U	0.3 U	0.57 U	0.82 U
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	0.24 U	0.59 U	1.2 U	0.45 U	0.32 U	0.31 U	0.62 U	--	0.32 U	0.31 U	0.59 U	0.85 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	3100 J	1300 U	280 U	610 U	300 U	150 U	1500 U	5200 U	370 U	400 U
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	1.3 J	1.3 U	0.36 U	0.56 U	0.37 U	0.19 U	0.48 U	8 B	0.21 U	0.3 U
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	42000 U	42000 U	8900 U	20000 U	9700 U	4700 U	47000 U	170000 U	12000 U	13000 U
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	2.7 J	1.1 U	0.33 U	0.52 U	0.34 U	0.17 U	0.44 U	93	0.19 U	0.27 U
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	1.3 U	1.3 U	0.36 U	0.57 U	0.37 U	0.19 U	0.49 U	52 B	0.21 U	0.3 U
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	1.025	1.25 U	0.36 U	0.565 U	0.37 U	0.19 U	0.485 U	51 U	0.205 U	0.295 U
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	1.4 J	1.2 U	0.36 U	0.56 U	0.37 U	0.19 U	0.48 U	50 B	0.2 U	0.29 U
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	1.4 U	1.4 U	0.41 U	0.65 U	0.42 U	0.22 U	0.56 U	6.5 U	0.24 U	0.34 U
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	1.2 U	1.2 U	0.35 U	0.55 U	0.36 U	0.18 U	0.47 U	5.5 U	0.2 U	0.29 U
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	1.3 U	1.3 U	0.36 U	0.57 U	0.37 U	0.19 U	0.49 U	5.7 U	0.21 U	0.3 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	400 U	300 U	580 U	890 U	370 U	200 U	200 U	370 U	1900 U	270 U	430 U
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	0.64 U	0.25 U	0.3 U	0.48 U	0.39 U	0.33 U	0.3 U	0.49 U	0.77 U	0.26 U	0.37 U
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	13000 U	9700 U	19000 U	29000 U	43000 B	6300 U	6300 U	12000 U	60000 U	8700 U	14000 U
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	0.58 U	0.23 U	0.27 U	0.44 U	0.36 U	0.3 U	0.27 U	0.45 U	0.7 U	0.24 U	0.34 U
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	0.65 U	0.25 U	0.3 U	0.49 U	0.4 U	0.34 U	0.3 U	0.5 U	0.78 U	0.26 U	0.37 U
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	0.64 U	0.25 U	0.295 U	0.485 U	0.395 U	0.335 U	0.295 U	0.495 U	0.775 U	0.26 U	0.37 U
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	0.63 U	0.25 U	0.29 U	0.48 U	0.39 U	0.33 U	0.29 U	0.49 U	0.77 U	0.26 U	0.37 U
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	0.73 U	0.29 U	0.34 U	0.56 U	0.45 U	0.38 U	0.34 U	0.57 U	0.89 U	0.3 U	0.42 U
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	0.62 U	0.24 U	0.29 U	0.47 U	0.38 U	0.32 U	0.29 U	0.48 U	0.75 U	0.25 U	0.36 U
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	0.64 U	0.25 U	0.3 U	0.49 U	0.4 U	0.33 U	0.3 U	0.5 U	0.78 U	0.26 U	0.37 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	HEXANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	210 U	240 U	430 U	490 U	1500 U	6.7 U	180 J	430 U	--	200 U	370 B	--
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	0.32 U	0.3 U	0.56 U	0.45 U	1.3 U	0.2 U	0.23 U	1.1 U	2.3 J	0.14 U	1.1 U	3.8 J
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	6800 U	7800 U	14000 U	16000 U	49000 U	220 U	5300 U	14000 U	--	6400 U	6900 B	--
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	0.29 U	0.28 U	0.52 U	0.41 U	1.2 U	0.18 U	0.21 U	0.98 U	--	0.13 U	0.98 U	7.1 J
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	0.33 U	0.31 U	0.57 U	0.45 U	1.4 U	0.2 U	0.24 U	1.1 U	--	0.15 U	1.1 U	10
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	0.2775	0.305 U	0.565 U	0.45 U	1.35 U	0.2 U	0.235 U	1.1 U	--	0.145 U	1.1 U	5.85
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	0.39 J	0.3 U	0.56 U	0.45 U	1.3 U	0.2 U	0.23 U	1.1 U	--	0.14 U	1.1 U	1.7 J
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	0.37 U	0.35 U	0.65 U	0.52 U	1.5 U	0.23 U	0.27 U	1.2 U	--	0.17 U	1.2 U	--
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	0.31 U	0.3 U	0.55 U	0.44 U	1.3 U	0.19 U	0.23 U	1 U	--	0.14 U	1 U	--
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	0.32 U	0.31 U	0.57 U	0.45 U	1.4 U	0.2 U	0.23 U	1.1 U	--	0.14 U	1.1 U	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-4-6	E-SB-984	4	6	20120724	220 U	2400 U	770 J	250 U	430 U	260 U	140 U	280 J	11 U	200 U	7400 UR	710 J
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	0.39 U	0.6 U	0.17 U	0.21 U	0.36 U	0.31 U	0.16 U	0.13 U	0.33 U	0.26 U	6.8 UR	0.47 U
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	7000 U	76000 U	13000 B	7900 U	14000 U	8400 U	4600 U	7500 B	360 U	6400 U	240000 UR	12000 U
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	0.35 U	0.55 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.12 U	0.3 U	0.24 U	6.2 UR	0.43 U
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	0.39 U	0.61 U	0.17 B	0.21 U	0.36 U	0.32 U	0.16 U	0.14 U	0.34 U	0.26 U	6.9 UR	0.47 U
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	0.385 U	0.605 U	0.17 U	0.205 U	0.36 U	0.315 U	0.16 U	0.135 U	0.335 U	0.26 U	6.85 R	0.465 U
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	0.38 U	0.6 U	0.17 U	0.2 U	0.36 U	0.31 U	0.16 U	0.13 U	0.33 U	0.26 U	6.8 UR	0.46 U
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	--	--
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	0.44 U	0.69 U	0.2 U	0.24 U	0.41 U	0.36 U	0.19 U	0.15 U	0.38 U	0.3 U	7.8 UR	0.54 U
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	0.37 U	0.58 U	0.17 U	0.2 U	0.35 U	0.3 U	0.16 U	0.13 U	0.32 U	0.25 U	6.6 UR	0.45 U
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	0.39 U	0.6 U	0.17 U	0.21 U	0.36 U	0.32 U	0.16 U	0.14 U	0.33 U	0.26 U	6.8 UR	0.47 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
E-SB-973-3-4	E-SB-973	3	4	20120629	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-974-2-3	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-974-2-3-RAD	E-SB-974	2	3	20120629	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-974-3-4	E-SB-974	3	4	20120629	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-975-2-3	E-SB-975	2	3	20120629	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-975-3-4	E-SB-975	3	4	20120629	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-976-2-3	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-976-2-3-RAD	E-SB-976	2	3	20120629	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-976-3-4	E-SB-976	3	4	20120629	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-977-2-3	E-SB-977	2	3	20120629	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-977-3-4	E-SB-977	3	4	20120629	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-978-2-2.5	E-SB-978	2	2.5	20120629	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-979-2-3	E-SB-979	2	3	20120628	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-979-3-4	E-SB-979	3	4	20120628	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-980-2-3	E-SB-980	2	3	20120628	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-980-3-4	E-SB-980	3	4	20120628	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-981-2-3	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-981-2-3-RAD	E-SB-981	2	3	20120628	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-981-3-3.5	E-SB-981	3	3.5	20120628	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-982-2-3	E-SB-982	2	3	20120628	--	--	--	--	--	--	--	--	--	--	BACKFILL
E-SB-982-3-4	E-SB-982	3	4	20120628	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-983-2-4	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-983-2-4-RAD	E-SB-983	2	4	20120719	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-983-4-6	E-SB-983	4	6	20120719	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-983-6-8	E-SB-983	6	8	20120719	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-983-8-10	E-SB-983	8	10	20120719	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-984-2-3	E-SB-984	2	3	20130410	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-984-2-4	E-SB-984	2	4	20120724	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-984-4-6	E-SB-984	4	6	20120724	--	520 U	370 J	--	280 U	610 U	340 J	490 U	710 UR	550 U	NORMAL
E-SB-984-6-8	E-SB-984	6	8	20120724	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-984-8-10	E-SB-984	8	10	20120724	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-985-2-3	E-SB-985	2	3	20130410	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-986-2-3	E-SB-986	2	3	20130410	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-987-2-3	E-SB-987	2	3	20130410	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-988-2-3	E-SB-988	2	3	20130411	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-989-2-3	E-SB-989	2	3	20130411	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-990-2-3	E-SB-990	2	3	20130411	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-991-2-3	E-SB-991	2	3	20130411	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-992-2-3	E-SB-992	2	3	20130411	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-993-2-3	E-SB-993	2	3	20130411	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-994-2-3	E-SB-994	2	3	20130411	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-995-2-3	E-SB-995	2	3	20130411	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-996-2-3	E-SB-996	2	3	20130411	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-997-2-3	E-SB-997	2	3	20130411	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-998-2-3	E-SB-998	2	3	20130412	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SB-999-2-3	E-SB-999	2	3	20130412	--	--	--	--	--	--	--	--	--	--	NORMAL
E-VB-10-072913-0-3	E-VB-10	0	3	20130729	--	0.24 U	0.6 U	--	0.37 U	0.48 U	10	0.3 U	0.22 UR	0.35 U	NORMAL
E-VB-1-070213-03	E-VB-01	0	3	20130702	--	--	--	--	--	--	--	--	--	--	NORMAL
E-VB-11-072913-0-3	E-VB-11	0	3	20130729	180000 B	60000 B	8000 U	--	9100 U	20000 U	75000	16000 U	23000 UR	18000 U	NORMAL
E-VB-12-072913-0-3	E-VB-12	0	3	20130729	--	0.22 U	0.55 U	--	0.34 U	0.44 U	32	0.28 U	0.2 UR	0.32 U	NORMAL
E-VB-13-072913-0-3	E-VB-13	0	3	20130729	--	0.25 U	0.61 U	--	0.37 U	0.49 U	5.2	0.31 U	0.23 UR	0.35 U	NORMAL
E-VB-13-072913-0-3-AVG	E-VB-13	0	3	20130729	--	0.245 U	0.605 U	--	0.37 U	0.485 U	3.75	0.305 U	0.225 R	0.35 U	NORMAL
E-VB-13-072913-0-3-D	E-VB-13	0	3	20130729	--	0.24 U	0.6 U	--	0.37 U	0.48 U	2.3 J	0.3 U	0.22 UR	0.35 U	NORMAL
E-VB-2-070213-03	E-VB-02	0	3	20130702	--	--	--	--	--	--	--	--	--	--	NORMAL
E-VB-3-070213-03	E-VB-03	0	3	20130702	--	--	--	--	--	--	--	--	--	--	NORMAL
E-VB-4-070213-03	E-VB-04	0	3	20130702	--	--	--	--	--	--	--	--	--	--	NORMAL
E-VB-7-072913-0-3	E-VB-07	0	3	20130729	--	0.28 U	0.69 U	--	0.42 U	0.56 U	4.5 J	0.35 U	0.26 UR	0.4 U	NORMAL
E-VB-8-072913-0-3	E-VB-08	0	3	20130729	--	0.24 U	0.58 U	--	0.36 U	0.47 U	1 J	0.3 U	0.22 UR	0.34 U	NORMAL
E-VB-9-072913-0-3	E-VB-09	0	3	20130729	--	0.24 U	0.6 U	--	0.37 U	0.49 U	1.9 J	0.31 U	0.23 UR	0.35 U	NORMAL

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.11 J	1.6 K	12.3	4.5
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.15 J	3.6	8.4	2
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.087 J	1.6	4.7	0.59
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.6 UL	5.5 L	--	3.6
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.3 UL	2.1 L	--	3.3 U
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.3 UL	1.5 L	--	3.3 U
SB-35-04	SB-035	4	4	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.5 UL	1.6	--	2.5 U
SB-36-05	SB-036	5	5	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.8 U	1.3	--	2.8 U
SB-4-05	SB-004	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.5 UL	4.9 L	--	3.5 U
SB-500-0406	SB-500	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.091 B	0.31 L	6.2	0.33
SB-500-0810	SB-500	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.098 B	0.73 L	8.5	0.57
SB-501-0406	SB-501	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.068 B	1.1 L	6.5	0.44
SB-501-0810	SB-501	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.18 J	0.94 L	13.8	3.1
SB-502-0406	SB-502	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.17 L	1.3 L	6.5	0.15
SB-502-0810	SB-502	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.14 B	0.55 L	3.6	0.11
SB-503-0406	SB-503	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.1 B	0.42 L	2.1	0.015 B
SB-504-0406	SB-504	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.14 B	2	50.7	0.75
SB-504-0810	SB-504	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.13 B	1.2 L	89.2	0.38
SB-5-05	SB-005	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.2 UL	1.4 L	--	3.2 U
SB-505-0406	SB-505	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.17 B	1.2 L	21.1	0.95
SB-505-0810	SB-505	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.12 B	1.7	16.6	0.72
SB-506-0406	SB-506	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.045 B	1.6	17.9	0.61
SB-506-0810	SB-506	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.033 B	1 L	9.5	0.48
SB-507-0406	SB-507	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.067 B	2.3	20.6	1.1
SB-507-0810	SB-507	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.036 B	1.1 L	9.8	1.6
SB-508-0406	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.11 B	1.4	11.4	0.85
SB-508-0406-AVG	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.094 U	1.2	9.75	0.79
SB-508-0406-D	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.079 B	1 L	8.1	0.73
SB-508-0810	SB-508	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.084 B	0.42 L	8.5	1.5
SB-509-0406	SB-509	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.059 L	1.7 J	8.9 K	0.62
SB-509-0810	SB-509	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.12 L	2.5 J	5.7 K	0.33
SB-510-0406	SB-510	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.13 L	0.26 J	7.1 K	0.42
SB-510-0810	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.17 L	0.36 J	7.8 K	0.66
SB-510-0810-AVG	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.155	0.31	6.9	0.62
SB-510-0810-D	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.14 L	0.26 J	6 K	0.58
SB-511-0406	SB-511	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 UL	0.58 J	7.7 K	0.31
SB-511-0810	SB-511	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.006 UL	0.35 J	6.4 K	0.42

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-233	URANIUM-234	URANIUM-235
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	0.012 J	13.3	11.5 J	13.5 J	37200 J	4.4 J	242	0.017 U	0.27	19.2 J	1 L	0.019 U	0.037 B	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	0.028 J	10.7	14.3	17.5	13200	4	131	0.018 U	0.28	15.5	1.2	0.02 U	0.035 B	--	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	0.01 J	7.2	3.2	7.3	8480	2.2 L	32.3	0.019 U	0.18 J	6.2	0.75	0.02 U	0.016 U	--	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	3.6 U	26 J	--	45	--	7.7	--	0.14 U	--	14	3.6 U	3.6 UR	2.9 U	--	--	--	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	3.3 U	3.4 B	--	3.3 U	--	3.3 U	--	0.13 U	--	3.3 U	3.3 U	3.3 UR	2.7 U	--	--	--	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	3.3 U	6.6 B	--	3.3 U	--	3.3 U	--	0.13 U	--	3.3 U	3.3 U	3.3 UR	2.6 U	--	--	--	--	--
SB-35-04	SB-035	4	4	20040922	2.5 U	10.0 J	--	6.1	--	4.6	--	0.10 U	--	5.7	2.5 U	2.5 UR	2.0 U	--	--	--	--	--
SB-36-05	SB-036	5	5	20040917	2.8 U	5.6 K	--	4.7 L	--	2.8 UJ	--	0.11 U	--	2.8 U	2.8 U	2.8 UL	2.3 UL	--	--	--	--	--
SB-4-05	SB-004	5	5	20031120	3.5 U	27 J	--	17	--	4.5	--	0.14 U	--	9	3.5 U	3.5 UR	2.8 U	--	--	--	--	--
SB-500-0406	SB-500	4	6	20071127	0.0084 B	7.4 K	1.2 J	3.6 J	9880	1.6 J	19.6 L	0.019 U	0.13 B	4	0.56 L	0.036	0.024 B	--	--	--	--	--
SB-500-0810	SB-500	8	10	20071127	0.016	10.8 K	1.7 J	4.5 J	10900	1.3 J	18.6 L	0.02 U	0.13 B	6.4	0.24 L	0.04	0.033 B	--	--	--	--	--
SB-501-0406	SB-501	4	6	20071127	0.0056 B	6 K	1.7 J	4.9 J	7710	1.8 J	29 L	0.019 U	0.17 B	2.1	0.18 UL	0.026 B	0.031 B	--	--	--	--	--
SB-501-0810	SB-501	8	10	20071127	0.018 K	15.7 K	4.1 J	12.4 J	25800	5.1 J	70.4 L	0.02 U	0.078 UL	14.7	0.46 L	0.078	0.052 B	--	--	--	--	--
SB-502-0406	SB-502	4	6	20071127	0.056	5.9 K	1.1 J	2.3 J	5570	3.6 J	44 L	0.019 U	0.14 B	1.6	0.19 UL	0.031 B	0.015 B	--	--	--	--	--
SB-502-0810	SB-502	8	10	20071127	0.035	3.3 K	0.67 J	1.6 J	4060	2.4 J	39.7 L	0.019 U	0.18 B	1.4	0.19 UL	0.018 B	0.008 B	--	--	--	--	--
SB-503-0406	SB-503	4	6	20071127	0.018	3.2 J	0.18	1.9 J	1980	2.4 J	3.5	0.02 U	0.35 B	0.39 B	0.19 U	0.016 B	0.011 B	--	--	--	--	--
SB-504-0406	SB-504	4	6	20071127	0.67	12.9 J	8.6	12.9 J	15400	14.4 J	88.8	0.079	0.38 B	10.9	0.21	0.16	0.099 K	--	--	--	--	--
SB-504-0810	SB-504	8	10	20071127	0.38 K	13.3 J	4.5	16.6 J	18900	10.4 J	168	0.29	1.3 J	11.1	0.31	0.094	0.21 K	--	--	--	--	--
SB-5-05	SB-005	5	5	20031120	3.2 U	4.8 B	--	3.6	--	3.2 U	--	0.13 U	--	4.5	3.2 U	3.2 UR	2.5 U	--	--	--	--	--
SB-505-0406	SB-505	4	6	20071127	0.018 K	10.2 J	6.3	14.6 J	17700	3.7 J	34.5	0.019 U	0.15 B	10.3	0.31	0.073	0.051 B	--	--	--	--	--
SB-505-0810	SB-505	8	10	20071127	0.069 K	12.8 J	4.6	11.7 J	17000	4 J	31.3	0.021 U	0.42 B	6.5	0.2	0.07	0.04 B	--	--	--	--	--
SB-506-0406	SB-506	4	6	20071128	0.022	8.7 J	3.3	7 J	8880	4.4 J	41.5	0.019 U	0.12 B	8.2	0.19 U	0.051	0.047 B	--	--	--	--	--
SB-506-0810	SB-506	8	10	20071128	0.0077 B	4.4 J	2.4	4.6 J	6210	2.4 J	29.3	0.021 U	0.16 B	2.8	0.2 U	0.034 B	0.027 B	--	--	--	--	--
SB-507-0406	SB-507	4	6	20071128	0.038 K	11.1 J	3.3	6.8 J	13600	6.8 J	44.7	0.021 U	0.33 B	7.1	0.21	0.077	0.13 K	--	--	--	--	--
SB-507-0810	SB-507	8	10	20071128	0.028	7.5 J	1.2	6.3 J	3760	3.3 J	8.1	0.019 U	0.11 B	4.2	0.56	0.036 B	0.041 B	--	--	--	--	--
SB-508-0406	SB-508	4	6	20071128	0.014 B	9.1 J	2.3	10.6 J	17700	3.4 J	14.3 J	0.019 U	0.13 B	6.6	0.32	0.078	0.046 B	--	--	--	--	--
SB-508-0406-AVG	SB-508	4	6	20071128	0.014 U	7.9	2	9.4	14550	3.1	73.15	0.0195 U	0.111 U	6.1	0.35	0.0785	0.041 U	--	--	--	--	--
SB-508-0406-D	SB-508	4	6	20071128	0.014 B	6.7 J	1.7	8.2 J	11400	2.8 J	132 J	0.02 U	0.092 B	5.6	0.38	0.079	0.036 B	--	--	--	--	--
SB-508-0810	SB-508	8	10	20071128	0.016 K	13.2 J	3.5	11.4 J	8540	3.3 J	18.8	0.02 U	0.079 UL	10.3	0.21	0.05	0.035 B	--	--	--	--	--
SB-509-0406	SB-509	4	6	20071129	0.016 B	10 J	2.3	11.3 J	10300	2.5 J	27.1 L	0.019 UL	0.1 B	5.4 J	0.3 L	0.042	0.028 B	--	--	--	--	--
SB-509-0810	SB-509	8	10	20071129	0.0087 B	8.3 J	2.3	6.7 J	10200	1.4 J	25.9 L	0.019 UL	0.27 B	3.9 J	0.18 UL	0.032	0.02 B	--	--	--	--	--
SB-510-0406	SB-510	4	6	20071128	0.018 B	8.5 J	1.2	5.5 J	15200	1.9 J	27.1 L	0.019 UL	0.076 UL	4 J	0.75 L	0.061 K	0.024 B	--	--	--	--	--
SB-510-0810	SB-510	8	10	20071128	0.03 K	11.7 J	1.9	6.7 J	20900	1.7 J	73.6 J	0.019 UL	0.16 B	6.5 J	0.18 UL	0.069 K	0.025 B	--	--	--	--	--
SB-510-0810-AVG	SB-510	8	10	20071128	0.01925	10.9	1.95	6.75	19350	1.5	48.3	0.019 U	0.135 U	7.2	0.185 U	0.067	0.023 U	--	--	--	--	--
SB-510-0810-D	SB-510	8	10	20071128	0.017 B	10.1 J	2	6.8 J	17800	1.3 J	23 J	0.019 UL	0.11 B	7.9 J	0.19 UL	0.065	0.021 B	--	--	--	--	--
SB-511-0406	SB-511	4	6	20071129	0.0075 B	1.5 J	0.82	4.1 J	1290	3.2 J	2.2 L	0.02 UL	0.077 UL	1.8 J	0.2 L	0.035	0.045 B	--	--	--	--	--
SB-511-0810	SB-511	8	10	20071129	0.011 B	4 J	1	4.7 J	3240	2.2 J	4.8 L	0.021 UL	0.083 UL	2.6 J	0.2 UL	0.03	0.028 B	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	17.3 J	58.6 J	--	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	22.7	28.2	--	--	--	--	--	--	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	11.1	8.7	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	690 J	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	75	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	79	70	--	--	--	--	--	--	--	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	75	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	75	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	81	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	80	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	75	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	79	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	70	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	70	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	80	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	77	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	33 U	75	--	--	--	--	--	--	--	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	73	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	33 U	77	--	--	--	--	--	--	--	--	--
SB-35-04	SB-035	4	4	20040922	--	--	--	25.0 UL	--	--	--	--	--	--	--	--	--	--
SB-36-05	SB-036	5	5	20040917	--	--	--	28 UL	--	--	--	--	--	--	--	--	--	--
SB-4-05	SB-004	5	5	20031120	--	--	--	35 U	72	--	--	--	--	--	--	--	--	--
SB-500-0406	SB-500	4	6	20071127	--	--	10.8	5.7 J	89.3	--	--	--	--	--	--	--	--	--
SB-500-0810	SB-500	8	10	20071127	--	--	17.3	8.4 J	83.3	--	--	--	--	--	--	--	--	--
SB-501-0406	SB-501	4	6	20071127	--	--	7.1	7.4 J	89.5	--	--	--	--	--	--	--	--	--
SB-501-0810	SB-501	8	10	20071127	--	--	20.7	24.8 J	84.7	--	--	--	--	--	--	--	--	--
SB-502-0406	SB-502	4	6	20071127	--	--	7.2	13.9 J	85.7	--	--	--	--	--	--	--	--	--
SB-502-0810	SB-502	8	10	20071127	--	--	4	14.9 J	85.8	--	--	--	--	--	--	--	--	--
SB-503-0406	SB-503	4	6	20071127	--	--	5.3 J	2.8	82.1	--	--	--	--	--	--	--	--	--
SB-504-0406	SB-504	4	6	20071127	--	--	18.3 J	41.1	87.2	--	--	--	--	--	--	--	--	--
SB-504-0810	SB-504	8	10	20071127	--	--	20.2 J	45.7	86	--	--	--	--	--	--	--	--	--
SB-5-05	SB-005	5	5	20031120	--	--	--	32 U	78	--	--	--	--	--	--	--	--	--
SB-505-0406	SB-505	4	6	20071127	--	--	18.8 J	19.5	85.9	--	--	--	--	--	--	--	--	--
SB-505-0810	SB-505	8	10	20071127	--	--	15.9 J	18.1	79.7	--	--	--	--	--	--	--	--	--
SB-506-0406	SB-506	4	6	20071128	--	--	16 J	26.3	86.4	--	--	--	--	--	--	--	--	--
SB-506-0810	SB-506	8	10	20071128	--	--	7.6 J	9.8	78.5	--	--	--	--	--	--	--	--	--
SB-507-0406	SB-507	4	6	20071128	--	--	17.5 J	25.4	81.1	--	--	--	--	--	--	--	--	--
SB-507-0810	SB-507	8	10	20071128	--	--	14.4 J	8.5	86.3	--	--	--	--	--	--	--	--	--
SB-508-0406	SB-508	4	6	20071128	--	--	19.8 J	16.8 J	85.6	--	--	--	--	--	--	--	--	--
SB-508-0406-AVG	SB-508	4	6	20071128	--	--	16.55	13.1	85.35	--	--	--	--	--	--	--	--	--
SB-508-0406-D	SB-508	4	6	20071128	--	--	13.3 J	9.4 J	85.1	--	--	--	--	--	--	--	--	--
SB-508-0810	SB-508	8	10	20071128	--	--	13.4 J	14.8	83.1	--	--	--	--	--	--	--	--	--
SB-509-0406	SB-509	4	6	20071129	--	--	14.5 J	10.7 B	86.3	--	--	--	--	--	--	--	--	--
SB-509-0810	SB-509	8	10	20071129	--	--	10.6 J	6 B	87.4	--	--	--	--	--	--	--	--	--
SB-510-0406	SB-510	4	6	20071128	--	--	13 J	5.9 B	86.9	--	--	--	--	--	--	--	--	--
SB-510-0810	SB-510	8	10	20071128	--	--	15.8 J	9.8 B	86.6	--	--	--	--	--	--	--	--	--
SB-510-0810-AVG	SB-510	8	10	20071128	--	--	16.35	8.05	86.15	--	--	--	--	--	--	--	--	--
SB-510-0810-D	SB-510	8	10	20071128	--	--	16.9 J	11.2	85.7	--	--	--	--	--	--	--	--	--
SB-511-0406	SB-511	4	6	20071129	--	--	2.2 J	5.2 B	85.3	--	--	--	--	--	--	--	--	--
SB-511-0810	SB-511	8	10	20071129	--	--	7.5 J	7 B	79.9	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268
					PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	16 U	21 U	26 U	14 U	10 U	18 U	820	13 U	17 U
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	710 U	950 U	1200 U	650 U	470 U	830 U	7600	590 U	770 U
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	21 U	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	21 U	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	14 U	19 U	23 U	13 U	9.4 U	16 U	11 U	12 U	15 U
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U	16 U	10 U	12 U	15 U
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	14 U	19 U	24 U	13 U	9.4 U	16 U	11 U	12 U	15 U
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	71 U	94 U	120 U	65 U	47 U	83 U	460	59 U	77 U
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	76 U	100 U	130 U	69 U	50 U	88 U	610	63 U	82 U
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	--	--	72 U	72 U	72 U	72 U	72 U	72 U	72 U	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	--	--	67 U	67 U	67 U	67 U	67 U	67 U	67 U	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	--	--	65 U	65 U	65 U	65 U	65 U	65 U	65 U	--	--
SB-35-04	SB-035	4	4	20040922	--	--	--	--	--	280 U	280 U	280 U	280 U	280 U	280 U	280 U	--	--
SB-36-05	SB-036	5	5	20040917	--	--	--	--	--	300 U	300 U	300 U	300 U	300 U	300 U	300 U	--	--
SB-4-05	SB-004	5	5	20031120	--	--	--	--	--	69 U	69 U	69 U	69 U	69 U	69 U	69 U	--	--
SB-500-0406	SB-500	4	6	20071127	--	--	--	--	--	37 U	37 U	37 U	37 U	37 U	37 U	37 U	--	--
SB-500-0810	SB-500	8	10	20071127	--	--	--	--	--	40 U	40 U	40 U	40 U	40 U	40 U	40 U	--	--
SB-501-0406	SB-501	4	6	20071127	--	--	--	--	--	740 U	740 U	740 U	740 U	740 U	740 U	5800	--	--
SB-501-0810	SB-501	8	10	20071127	--	--	--	--	--	3900 U	3900 U	3900 U	3900 U	3900 U	3900 U	24000	--	--
SB-502-0406	SB-502	4	6	20071127	--	--	--	--	--	7700 U	7700 U	7700 U	7700 U	7700 U	7700 U	49000	--	--
SB-502-0810	SB-502	8	10	20071127	--	--	--	--	--	19000 U	19000 U	19000 U	19000 U	19000 U	19000 U	65000	--	--
SB-503-0406	SB-503	4	6	20071127	--	--	--	--	--	200 U	200 U	200 U	200 U	200 U	200 U	380	--	--
SB-504-0406	SB-504	4	6	20071127	--	--	--	--	--	1900 U	1900 U	1900 U	1900 U	1900 U	1900 U	11000	--	--
SB-504-0810	SB-504	8	10	20071127	--	--	--	--	--	380 U	380 U	380 U	380 U	380 U	380 U	2300	--	--
SB-5-05	SB-005	5	5	20031120	--	--	--	--	--	64 U	64 U	64 U	64 U	64 U	64 U	64 U	--	--
SB-505-0406	SB-505	4	6	20071127	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	38 U	15 J	--	--
SB-505-0810	SB-505	8	10	20071127	--	--	--	--	--	210 U	210 U	210 U	210 U	210 U	210 U	650	--	--
SB-506-0406	SB-506	4	6	20071128	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	38 U	38 U	--	--
SB-506-0810	SB-506	8	10	20071128	--	--	--	--	--	42 U	42 U	42 U	42 U	42 U	42 U	20 J	--	--
SB-507-0406	SB-507	4	6	20071128	--	--	--	--	--	41 U	41 U	41 U	41 U	41 U	41 U	41 U	--	--
SB-507-0810	SB-507	8	10	20071128	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	38 U	38 U	--	--
SB-508-0406	SB-508	4	6	20071128	--	--	--	--	--	39 U	39 U	39 U	39 U	39 U	39 U	39 U	--	--
SB-508-0406-AVG	SB-508	4	6	20071128	--	--	--	--	--	39 U	39 U	39 U	39 U	39 U	39 U	39 U	--	--
SB-508-0406-D	SB-508	4	6	20071128	--	--	--	--	--	39 U	39 U	39 U	39 U	39 U	39 U	39 U	--	--
SB-508-0810	SB-508	8	10	20071128	--	--	--	--	--	40 U	40 U	40 U	40 U	40 U	40 U	40 U	--	--
SB-509-0406	SB-509	4	6	20071129	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	38 U	38 U	--	--
SB-509-0810	SB-509	8	10	20071129	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	38 U	38 U	--	--
SB-510-0406	SB-510	4	6	20071128	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	38 U	38 U	--	--
SB-510-0810	SB-510	8	10	20071128	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	38 U	16 J	--	--
SB-510-0810-AVG	SB-510	8	10	20071128	--	--	--	--	--	38.5 U	38.5 U	38.5 U	38.5 U	38.5 U	38.5 U	16 J	--	--
SB-510-0810-D	SB-510	8	10	20071128	--	--	--	--	--	39 U	39 U	39 U	39 U	39 U	39 U	39 U	--	--
SB-511-0406	SB-511	4	6	20071129	--	--	--	--	--	39 U	39 U	39 U	39 U	39 U	39 U	16 J	--	--
SB-511-0810	SB-511	8	10	20071129	--	--	--	--	--	41 U	41 U	41 U	41 U	41 U	41 U	41 U	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
					PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)
EW1-051616	EW1	5	5	20160516	820	887.5	--	--	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	7600	10685	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	0 U	71	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	0 U	71	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	0 U	66.2	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	0.00 U	65.1	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	0.00 U	66.7	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	460	768	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	610	939	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	0 U	252	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	0 U	234.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	0 U	227.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-04	SB-035	4	4	20040922	0 U	980	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-05	SB-036	5	5	20040917	0 U	1050	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-05	SB-004	5	5	20031120	0 U	241.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0406	SB-500	4	6	20071127	0 U	129.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0810	SB-500	8	10	20071127	0 U	140	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0406	SB-501	4	6	20071127	5800	8020	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0810	SB-501	8	10	20071127	24000	35700	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0406	SB-502	4	6	20071127	49000	72100	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0810	SB-502	8	10	20071127	65000	122000	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0406	SB-503	4	6	20071127	380	980	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0406	SB-504	4	6	20071127	11000	16700	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0810	SB-504	8	10	20071127	2300	3440	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-05	SB-005	5	5	20031120	0 U	224	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0406	SB-505	4	6	20071127	15	129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0810	SB-505	8	10	20071127	650	1280	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0406	SB-506	4	6	20071128	0 U	133	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0810	SB-506	8	10	20071128	20	146	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0406	SB-507	4	6	20071128	0 U	143.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0810	SB-507	8	10	20071128	0 U	133	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406	SB-508	4	6	20071128	0 U	136.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-AVG	SB-508	4	6	20071128	0 U	136.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-D	SB-508	4	6	20071128	0 U	136.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0810	SB-508	8	10	20071128	0 U	140	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0406	SB-509	4	6	20071129	0 U	133	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0810	SB-509	8	10	20071129	0 U	133	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0406	SB-510	4	6	20071128	0 U	133	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810	SB-510	8	10	20071128	16	130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-AVG	SB-510	8	10	20071128	8	133.25	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-D	SB-510	8	10	20071128	0 U	136.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0406	SB-511	4	6	20071129	16	133	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0810	SB-511	8	10	20071129	0 U	143.5	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE
					PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	28	--	--	60 U	--	--
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	460	--	--	54 U	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	24000	53 U	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	--	--	--	--	3400 UJ	57 UJ	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	--	--	--	--	5800 J	57 U	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	--	--	--	69	--	--	55 U	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	110	--	--	53 U	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	50	--	--	1100	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	34	--	--	55 U	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	510	--	--	58 U	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	20000 U	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	--	--	--	--	--	--	29000 U	140 U	--	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	27000 U	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	27000 U	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	25000 U	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	25000 U	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	27000 U	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	25000 U	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	28000 UJ	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	29000 U	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	56000	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	26000 U	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	--	--	--	--	--	--	27000 U	130 U	--	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	28000 U	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	--	--	--	--	--	--	26000 U	490	--	--	--
SB-35-04	SB-035	4	4	20040922	--	--	--	--	--	--	--	--	--	12000 U	110 U	--	--	--
SB-36-05	SB-036	5	5	20040917	--	--	--	--	--	--	--	--	--	12000 U	120 U	--	--	--
SB-4-05	SB-004	5	5	20031120	--	--	--	--	--	--	--	--	--	230000	190	--	--	--
SB-500-0406	SB-500	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	15000 B	--
SB-500-0810	SB-500	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	640 J	--
SB-501-0406	SB-501	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	25000 B	--
SB-501-0810	SB-501	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	34000 B	--
SB-502-0406	SB-502	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	48000	--
SB-502-0810	SB-502	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	37000	--
SB-503-0406	SB-503	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	9900 J	--
SB-504-0406	SB-504	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	130000 B	--
SB-504-0810	SB-504	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	43000	--
SB-5-05	SB-005	5	5	20031120	--	--	--	--	--	--	--	--	--	25000 U	130 U	--	--	--
SB-505-0406	SB-505	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	2700 B	--
SB-505-0810	SB-505	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	7000 J	--
SB-506-0406	SB-506	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	17000 J	--
SB-506-0810	SB-506	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	3600 J	--
SB-507-0406	SB-507	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	4300 J	--
SB-507-0810	SB-507	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	2700 B	--
SB-508-0406	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	1900 B	--
SB-508-0406-AVG	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	1800 U	--
SB-508-0406-D	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	1700 B	--
SB-508-0810	SB-508	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	2700 B	--
SB-509-0406	SB-509	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	13000 B	--
SB-509-0810	SB-509	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	5600 B	--
SB-510-0406	SB-510	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	4700 B	--
SB-510-0810	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	10000 B	--
SB-510-0810-AVG	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	8200 U	--
SB-510-0810-D	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	6400 B	--
SB-511-0406	SB-511	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	1600 B	--
SB-511-0810	SB-511	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	7200 B	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	--	--	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	--	--	--	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	480 U	480 U	480 U	480 U	480 U	480 U	80.094874	480 U	480 U	480 U	480 U
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	440 U	440 U	440 U	440 U	440 U	440 U	18.325521	440 U	440 U	440 U	440 U
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	440 U	440 U	440 U	440 U	440 U	440 U	79.925916	440 U	440 U	440 U	440 U
SB-35-04	SB-035	4	4	20040922	390 U	390 U	390 U	390 U	390 U	390 U	63.027438	390 U	390 U	390 U	390 U
SB-36-05	SB-036	5	5	20040917	400 U	400 U	400 U	400 U	400 U	400 U	49.235982	400 U	400 UJ	400 UJ	400 UJ
SB-4-05	SB-004	5	5	20031120	460 U	460 U	460 U	460 U	531.352	0.052	80.019284	460 U	460 U	460 U	50 J
SB-500-0406	SB-500	4	6	20071127	370 U	370 U	370 U	370 U	370 U	370 U	84.610225	370 U	370 U	370 U	370 U
SB-500-0810	SB-500	8	10	20071127	400 U	400 U	400 U	400 U	400 U	400 U	54.543464	400 U	400 U	400 U	400 U
SB-501-0406	SB-501	4	6	20071127	370 U	370 U	370 U	370 U	370 U	370 U	135.09559	370 U	370 U	370 U	370 U
SB-501-0810	SB-501	8	10	20071127	390 U	390 U	390 U	390 U	390 U	390 U	77.648094	390 U	390 U	390 U	390 U
SB-502-0406	SB-502	4	6	20071127	390 U	390 U	390 U	390 U	217.306	22.306	73.15568	21 J	16 J	31 J	11 J
SB-502-0810	SB-502	8	10	20071127	3800 U	3800 U	3800 U	3800 U	3800 U	3800 U	41.844883	3800 U	3800 U	3800 U	3800 U
SB-503-0406	SB-503	4	6	20071127	400 U	400 U	400 U	400 U	234.499	34.499	73.182776	28 J	26 J	40 J	19 J
SB-504-0406	SB-504	4	6	20071127	140 J	500 J	1500 U	1100 J	2167.4	2167.4	2167.4	2000	1500	1900	710 J
SB-504-0810	SB-504	8	10	20071127	12 J	21 J	380 U	26 J	287.051	97.051	128.79143	83 J	73 J	110 J	47 J
SB-5-05	SB-005	5	5	20031120	420 U	420 U	420 U	420 U	420 U	420 U	20.242746	420 U	420 U	420 U	420 U
SB-505-0406	SB-505	4	6	20071127	380 U	380 U	380 U	380 U	380 U	380 U	51.254752	380 U	380 U	380 U	380 U
SB-505-0810	SB-505	8	10	20071127	410 U	410 U	410 U	410 U	238.674	13.174	30.314673	9.7 J	10 J	21 J	410 U
SB-506-0406	SB-506	4	6	20071128	380 U	380 U	380 U	380 U	380 U	380 U	69.073686	380 U	380 U	380 U	380 U
SB-506-0810	SB-506	8	10	20071128	420 U	420 U	420 U	420 U	420 U	420 U	38.6302	420 U	420 U	420 U	420 U
SB-507-0406	SB-507	4	6	20071128	410 U	410 U	410 U	410 U	410 U	410 U	26.602604	410 U	410 U	410 U	410 U
SB-507-0810	SB-507	8	10	20071128	380 U	380 U	380 U	380 U	380 U	380 U	80.889508	380 U	380 U	380 U	380 U
SB-508-0406	SB-508	4	6	20071128	390 U	390 U	390 U	390 U	390 U	390 U	92.000752	390 U	390 U	390 U	390 U
SB-508-0406-AVG	SB-508	4	6	20071128	390 U	390 U	390 U	390 U	390 U	390 U	95.262182	390 U	390 U	390 U	390 U
SB-508-0406-D	SB-508	4	6	20071128	390 U	390 U	390 U	390 U	390 U	390 U	98.523612	390 U	390 U	390 U	390 U
SB-508-0810	SB-508	8	10	20071128	400 U	400 U	400 U	400 U	400 U	400 U	62.132837	400 U	400 U	400 U	400 U
SB-509-0406	SB-509	4	6	20071129	380 U	380 U	380 U	380 U	380 U	380 U	108.37232	380 U	380 U	380 U	380 U
SB-509-0810	SB-509	8	10	20071129	380 U	380 U	380 U	380 U	380 U	380 U	119.82416	380 U	380 U	380 U	380 U
SB-510-0406	SB-510	4	6	20071128	380 UL	380 UL	380 UL	380 UL	380 U	380 U	132.81063	380 UL	380 UL	380 UL	380 UL
SB-510-0810	SB-510	8	10	20071128	380 U	380 U	380 U	380 U	236.422	46.422	131.60588	34 J	34 J	64 J	27 J
SB-510-0810-AVG	SB-510	8	10	20071128	385 U	385 U	385 U	385 U	230.0925	37.5925	111.78304	28.5	27.5	50.5	22
SB-510-0810-D	SB-510	8	10	20071128	390 U	390 U	390 U	390 U	223.763	28.763	91.960196	23 J	21 J	37 J	17 J
SB-511-0406	SB-511	4	6	20071129	390 U	390 U	390 U	390 U	413.3187	1.8687	89.077298	8.8 J	390 U	9.8 J	390 U
SB-511-0810	SB-511	8	10	20071129	410 U	410 U	410 U	410 U	410 U	410 U	33.990077	410 U	410 U	410 U	410 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	--	--	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	--	--	--	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	480 U	480 U	480 U	480 U	480 U	480 U	480 U	480 U	480 U	0 U	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	0 U	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	0 U	--
SB-35-04	SB-035	4	4	20040922	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	0 U	--
SB-36-05	SB-036	5	5	20040917	400 UJ	400 U	400 UJ	400 U	400 U	400 UJ	400 U	400 U	400 U	0 U	--
SB-4-05	SB-004	5	5	20031120	460 U	52 J	460 U	460 U	460 U	460 U	460 U	460 U	57 J	159	--
SB-500-0406	SB-500	4	6	20071127	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	0 U	--
SB-500-0810	SB-500	8	10	20071127	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	0 U	--
SB-501-0406	SB-501	4	6	20071127	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	0 U	--
SB-501-0810	SB-501	8	10	20071127	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	0 U	--
SB-502-0406	SB-502	4	6	20071127	9.3 J	13 J	390 U	32 J	390 U	10 J	390 U	10 J	20 J	173.3	--
SB-502-0810	SB-502	8	10	20071127	3800 U	3800 U	3800 U	3800 U	3800 U	3800 U	3800 U	3800 U	3800 U	0 U	--
SB-503-0406	SB-503	4	6	20071127	17 J	29 J	400 U	54 J	400 U	15 J	400 U	25 J	51 J	304	--
SB-504-0406	SB-504	4	6	20071127	770 J	1700	200 J	4900	510 J	680 J	330 J	3900	3400	24240	--
SB-504-0810	SB-504	8	10	20071127	38 J	71 J	380 U	190 J	19 J	43 J	22 J	100 J	120 J	975	--
SB-5-05	SB-005	5	5	20031120	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	0 U	--
SB-505-0406	SB-505	4	6	20071127	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	0 U	--
SB-505-0810	SB-505	8	10	20071127	9.2 J	12 J	410 U	21 J	410 U	410 U	410 U	410 U	17 J	99.9	--
SB-506-0406	SB-506	4	6	20071128	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	0 U	--
SB-506-0810	SB-506	8	10	20071128	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	0 U	--
SB-507-0406	SB-507	4	6	20071128	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	0 U	--
SB-507-0810	SB-507	8	10	20071128	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	0 U	--
SB-508-0406	SB-508	4	6	20071128	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	0 U	--
SB-508-0406-AVG	SB-508	4	6	20071128	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	0 U	--
SB-508-0406-D	SB-508	4	6	20071128	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	0 U	--
SB-508-0810	SB-508	8	10	20071128	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	0 U	--
SB-509-0406	SB-509	4	6	20071129	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	0 U	--
SB-509-0810	SB-509	8	10	20071129	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	0 U	--
SB-510-0406	SB-510	4	6	20071128	380 UL	380 UL	380 UL	380 UL	380 UL	380 UL	380 UL	380 UL	380 UL	0 U	--
SB-510-0810	SB-510	8	10	20071128	18 J	42 J	380 U	78 J	380 U	24 J	380 U	25 J	59 J	405	--
SB-510-0810-AVG	SB-510	8	10	20071128	16	32.5	385 U	62	385 U	20	385 U	20	46.5	325.5	--
SB-510-0810-D	SB-510	8	10	20071128	14 J	23 J	390 U	46 J	390 U	16 J	390 U	15 J	34 J	246	--
SB-511-0406	SB-511	4	6	20071129	390 U	8.7 J	390 U	12 J	390 U	390 U	390 U	390 U	9.2 J	48.5	--
SB-511-0810	SB-511	8	10	20071129	410 U	410 U	410 U	9.2 J	410 U	410 U	410 U	410 U	410 U	9.2	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214	POTASSIUM-40
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-04	SB-035	4	4	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-05	SB-036	5	5	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-05	SB-004	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0406	SB-500	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0810	SB-500	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0406	SB-501	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0810	SB-501	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0406	SB-502	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0810	SB-502	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0406	SB-503	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0406	SB-504	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0810	SB-504	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-05	SB-005	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0406	SB-505	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0810	SB-505	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0406	SB-506	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0810	SB-506	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0406	SB-507	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0810	SB-507	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-AVG	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-D	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0810	SB-508	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0406	SB-509	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0810	SB-509	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0406	SB-510	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-AVG	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-D	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0406	SB-511	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0810	SB-511	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	0.593	0.548	0.669	--	--	0.266	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-04	SB-035	4	4	20040922	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-05	SB-036	5	5	20040917	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-05	SB-004	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0406	SB-500	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0810	SB-500	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0406	SB-501	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0810	SB-501	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0406	SB-502	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0810	SB-502	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0406	SB-503	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0406	SB-504	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0810	SB-504	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-05	SB-005	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0406	SB-505	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0810	SB-505	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0406	SB-506	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0810	SB-506	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0406	SB-507	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0810	SB-507	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-AVG	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-D	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0810	SB-508	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0406	SB-509	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0810	SB-509	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0406	SB-510	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-AVG	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-D	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0406	SB-511	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0810	SB-511	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
EW1-051616	EW1	5	5	20160516	--	--	--	--	8.8 U	55 U	24 U	63 U	22 U	50 U	50 U	53 U	43 U	53 U
EW2-051616	EW2	5	5	20160516	--	--	--	--	82 U	510 U	220 U	580 U	210 U	470 U	470 U	490 U	400 U	490 U
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	31 U	26 U	11 U	29 U	93 U	23 U	23 U	93 U	31 U	24 U
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	33 U	27 U	12 U	31 U	98 U	25 U	25 U	98 U	33 U	26 U
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	33 U	27 U	12 U	31 U	99 U	25 U	25 U	99 U	33 U	26 U
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	-0.0029 U	--	--	0.367	4.2 U	26 UR	11 UR	30 U	11 U	24 U	24 U	25 UR	20 U	25 U
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	4 U	25 U	11 U	29 U	10 U	23 U	23 U	24 U	20 U	24 U
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	4 U	25 U	11 U	29 U	10 U	23 U	23 U	24 U	20 U	24 U
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	21 U	130 U	58 U	150 U	54 U	120 U	120 U	130 U	100 U	130 U
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	110 U	710 U	300 U	800 U	290 U	640 U	640 U	670 U	550 U	670 U
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	--	480 U	--	480 U	1200 U	480 U	480 U	480 U	1200 U	480 U	480 U
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	--	440 U	--	440 U	1100 U	440 U	440 U	440 U	1100 U	440 U	440 U
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	--	440 U	--	440 U	1100 U	440 U	440 U	440 U	1100 U	440 U	440 U
SB-35-04	SB-035	4	4	20040922	--	--	--	--	390 U	--	390 U	970 U	390 U	390 U	390 U	970 U	390 U	390 U
SB-36-05	SB-036	5	5	20040917	--	--	--	--	400 U	--	400 U	1000 U	400 U	400 U	400 U	1000 U	400 U	400 U
SB-4-05	SB-004	5	5	20031120	--	--	--	--	460 U	--	460 U	1200 U	460 U	460 U	460 U	1200 U	460 U	460 U
SB-500-0406	SB-500	4	6	20071127	--	--	--	--	370 U	--	370 U	370 U	370 U	370 U	370 U	740 U	370 U	370 U
SB-500-0810	SB-500	8	10	20071127	--	--	--	--	400 U	--	400 U	400 U	400 U	400 U	400 U	790 U	400 U	400 U
SB-501-0406	SB-501	4	6	20071127	--	--	--	--	370 U	--	370 U	370 U	370 U	370 U	370 U	740 U	370 U	370 U
SB-501-0810	SB-501	8	10	20071127	--	--	--	--	390 U	--	390 U	390 U	390 U	390 U	390 U	780 U	390 U	390 U
SB-502-0406	SB-502	4	6	20071127	--	--	--	--	390 U	--	390 U	390 U	390 U	390 U	390 U	770 U	390 U	390 U
SB-502-0810	SB-502	8	10	20071127	--	--	--	--	3800 U	--	3800 U	3800 U	3800 U	3800 U	3800 U	7700 U	3800 U	3800 U
SB-503-0406	SB-503	4	6	20071127	--	--	--	--	400 U	--	400 U	400 U	400 U	400 U	400 U	800 U	400 U	400 U
SB-504-0406	SB-504	4	6	20071127	--	--	--	--	1500 U	--	1500 U	1500 U	1500 U	1500 U	1500 U	3000 U	1500 U	1500 U
SB-504-0810	SB-504	8	10	20071127	--	--	--	--	380 U	--	380 U	380 U	380 U	380 U	380 U	770 U	380 U	380 U
SB-5-05	SB-005	5	5	20031120	--	--	--	--	420 U	--	420 U	1100 U	420 U	420 U	420 U	1100 U	420 U	420 U
SB-505-0406	SB-505	4	6	20071127	--	--	--	--	380 U	--	380 U	380 U	380 U	380 U	380 U	770 U	380 U	380 U
SB-505-0810	SB-505	8	10	20071127	--	--	--	--	410 U	--	410 U	410 U	410 U	410 U	410 U	830 U	410 U	410 U
SB-506-0406	SB-506	4	6	20071128	--	--	--	--	380 U	--	380 U	380 U	380 U	380 U	380 U	760 U	380 U	380 U
SB-506-0810	SB-506	8	10	20071128	--	--	--	--	420 U	--	420 U	420 U	420 U	420 U	420 U	840 U	420 U	420 U
SB-507-0406	SB-507	4	6	20071128	--	--	--	--	410 U	--	410 U	410 U	410 U	410 U	410 U	810 U	410 U	410 U
SB-507-0810	SB-507	8	10	20071128	--	--	--	--	380 U	--	380 U	380 U	380 U	380 U	380 U	760 U	380 U	380 U
SB-508-0406	SB-508	4	6	20071128	--	--	--	--	390 U	--	390 U	390 U	390 U	390 U	390 U	770 U	390 U	390 U
SB-508-0406-AVG	SB-508	4	6	20071128	--	--	--	--	390 U	--	390 U	390 U	390 U	390 U	390 U	775 U	390 U	390 U
SB-508-0406-D	SB-508	4	6	20071128	--	--	--	--	390 U	--	390 U	390 U	390 U	390 U	390 U	780 U	390 U	390 U
SB-508-0810	SB-508	8	10	20071128	--	--	--	--	400 U	--	400 U	400 U	400 U	400 U	400 U	790 U	400 U	400 U
SB-509-0406	SB-509	4	6	20071129	--	--	--	--	380 U	--	380 U	380 U	380 U	380 U	380 U	760 U	380 U	380 U
SB-509-0810	SB-509	8	10	20071129	--	--	--	--	380 U	--	380 U	380 U	380 U	380 U	380 U	760 U	380 U	380 U
SB-510-0406	SB-510	4	6	20071128	--	--	--	--	380 UL	--	380 UL	380 UL	380 UL	380 UL	380 UL	760 UL	380 UL	380 UL
SB-510-0810	SB-510	8	10	20071128	--	--	--	--	380 U	--	380 U	380 U	380 U	380 U	380 U	760 U	380 U	380 U
SB-510-0810-AVG	SB-510	8	10	20071128	--	--	--	--	385 U	--	385 U	385 U	385 U	385 U	385 U	765 U	385 U	385 U
SB-510-0810-D	SB-510	8	10	20071128	--	--	--	--	390 U	--	390 U	390 U	390 U	390 U	390 U	770 U	390 U	390 U
SB-511-0406	SB-511	4	6	20071129	--	--	--	--	390 U	--	390 U	390 U	390 U	390 U	390 U	770 U	390 U	390 U
SB-511-0810	SB-511	8	10	20071129	--	--	--	--	410 U	--	410 U	410 U	410 U	410 U	410 U	830 U	410 U	410 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
EW1-051616	EW1	5	5	20160516	1.1 U	21 U	12 J	28 U	23 U	21 U	50 U	45 UJ	40 U	23 U	33 U	53 U	43 U	33 U
EW2-051616	EW2	5	5	20160516	11 U	190 U	330	260 U	210 U	190 U	470 U	420 UJ	370 U	220 U	300 U	490 U	400 U	300 U
I-SB-32-09	BLI-SB-32	9	9	20100928	3.8 U	31 U	3.8 U	93 U	11 U	31 U	--	21 U	19 U	93 U	15 U	24 U	20 U	15 U
I-SB-33-07	BLI-SB-33	7	7	20100924	4.1 U	33 U	4.1 U	98 U	11 U	33 U	--	22 U	20 U	98 U	16 U	26 U	21 U	16 U
I-SB-34-03	BLI-SB-34	3	3	20100924	4.1 U	33 U	4.1 U	99 U	11 U	33 U	--	22 U	20 U	99 U	16 U	26 U	21 U	16 U
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	0.54 U	9.8 UR	0.59 UR	13 UR	11 U	9.9 UR	25 J	21 UJ	19 U	11 U	15 U	25 U	20 U	15 U
PUSTE-030916	PUSTE	2.5	2.5	20160309	0.52 U	9.4 U	0.57 U	13 U	10 U	9.5 U	23 U	21 U	18 U	11 U	15 U	24 U	20 U	15 U
PUSTF-030916	PUSTF	4.4	4.4	20160309	0.52 U	9.5 U	17	13 U	11 U	9.6 U	23 U	21 U	18 U	11 U	15 U	24 U	20 U	15 U
PUSTG-030916	PUSTG	4.3	4.3	20160309	2.7 U	50 U	3 U	67 U	55 U	50 U	120 U	110 U	97 U	56 U	79 U	130 U	100 U	79 U
PUSTGBR-030916	PUSTGBR	4	4	20160309	14 U	260 U	160 J	350 U	290 U	270 U	640 U	580 U	510 U	300 U	420 U	670 U	550 U	420 U
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	480 U	480 U	--	480 U	1200 U	480 U	480 U	480 U	1200 U	1100 U	480 U	480 U	480 U	480 U
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	440 U	440 U	--	440 U	1100 U	440 U	440 U	440 U	1100 U	1000 U	440 U	440 U	440 U	440 U
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	440 U	440 U	--	440 U	1100 U	440 U	440 U	440 U	1100 U	1000 U	440 U	440 U	440 U	440 U
SB-35-04	SB-035	4	4	20040922	390 U	390 U	--	390 U	970 U	390 U	390 U	390 U	970 U	890 U	390 U	390 U	390 U	390 U
SB-36-05	SB-036	5	5	20040917	400 U	400 U	--	400 U	1000 U	400 U	400 U	400 U	1000 U	930 U	400 U	400 U	400 U	400 U
SB-4-05	SB-004	5	5	20031120	460 U	460 U	--	460 U	1200 U	460 U	460 U	460 U	1200 U	1100 U	460 U	460 U	460 U	460 U
SB-500-0406	SB-500	4	6	20071127	370 U	370 U	--	370 U	740 U	370 U	--	370 U	740 U	370 U	370 U	370 U	370 U	370 U
SB-500-0810	SB-500	8	10	20071127	400 U	400 U	--	400 U	790 U	400 U	--	400 U	790 U	400 U	400 U	400 U	400 U	400 U
SB-501-0406	SB-501	4	6	20071127	370 U	370 U	--	370 U	740 U	370 U	--	370 U	740 U	370 U	370 U	370 U	370 U	370 U
SB-501-0810	SB-501	8	10	20071127	390 U	390 U	--	390 U	780 U	390 U	--	390 U	780 U	390 U	390 U	390 U	390 U	390 U
SB-502-0406	SB-502	4	6	20071127	390 U	390 U	--	390 U	770 U	390 U	--	390 U	770 U	390 U	390 U	390 U	390 U	390 U
SB-502-0810	SB-502	8	10	20071127	3800 U	3800 U	--	3800 U	7700 U	3800 U	--	3800 U	7700 U	3800 U	3800 U	3800 U	3800 U	3800 U
SB-503-0406	SB-503	4	6	20071127	400 U	400 U	--	400 U	800 U	400 U	--	400 U	800 U	400 U	400 U	400 U	400 U	400 U
SB-504-0406	SB-504	4	6	20071127	1500 U	1500 U	--	1500 U	3000 U	1500 U	--	1500 U	3000 U	1500 U	1500 U	1500 U	1500 U	1500 U
SB-504-0810	SB-504	8	10	20071127	380 U	380 U	--	380 U	770 U	380 U	--	380 U	770 U	380 U	380 U	380 U	380 U	380 U
SB-5-05	SB-005	5	5	20031120	420 U	420 U	--	420 U	1100 U	420 U	420 U	420 U	1100 U	980 U	420 U	420 U	420 U	420 U
SB-505-0406	SB-505	4	6	20071127	380 U	380 U	--	380 U	770 U	380 U	--	380 U	770 U	380 U	380 U	380 U	380 U	380 U
SB-505-0810	SB-505	8	10	20071127	410 U	410 U	--	410 U	830 U	410 U	--	410 U	830 U	410 U	410 U	410 U	410 U	410 U
SB-506-0406	SB-506	4	6	20071128	380 U	380 U	--	380 U	760 U	380 U	--	380 U	760 U	380 U	380 U	380 U	380 U	380 U
SB-506-0810	SB-506	8	10	20071128	420 U	420 U	--	420 U	840 U	420 U	--	420 U	840 U	420 U	420 U	420 U	420 U	420 U
SB-507-0406	SB-507	4	6	20071128	410 U	410 U	--	410 U	810 U	410 U	--	410 U	810 U	410 U	410 U	410 U	410 U	410 U
SB-507-0810	SB-507	8	10	20071128	380 U	380 U	--	380 U	760 U	380 U	--	380 U	760 U	380 U	380 U	380 U	380 U	380 U
SB-508-0406	SB-508	4	6	20071128	390 U	390 U	--	390 U	770 U	390 U	--	390 U	770 U	390 U	390 U	390 U	390 U	390 U
SB-508-0406-AVG	SB-508	4	6	20071128	390 U	390 U	--	390 U	775 U	390 U	--	390 U	775 U	390 U	390 U	390 U	390 U	390 U
SB-508-0406-D	SB-508	4	6	20071128	390 U	390 U	--	390 U	780 U	390 U	--	390 U	780 U	390 U	390 U	390 U	390 U	390 U
SB-508-0810	SB-508	8	10	20071128	400 U	400 U	--	400 U	790 U	400 U	--	400 U	790 U	400 U	400 U	400 U	400 U	400 U
SB-509-0406	SB-509	4	6	20071129	380 U	380 U	--	380 U	760 U	380 U	--	380 U	760 U	380 U	380 U	380 U	380 U	380 U
SB-509-0810	SB-509	8	10	20071129	380 U	380 U	--	380 U	760 U	380 U	--	380 U	760 U	380 U	380 U	380 U	380 U	380 U
SB-510-0406	SB-510	4	6	20071128	380 UL	380 UL	--	380 UL	760 UL	380 UL	--	380 UL	760 UL	380 UL	380 UL	380 UL	380 UL	380 UL
SB-510-0810	SB-510	8	10	20071128	380 U	380 U	--	380 U	760 U	380 U	--	380 U	760 U	380 U	380 U	380 U	380 U	380 U
SB-510-0810-AVG	SB-510	8	10	20071128	385 U	385 U	--	385 U	765 U	385 U	--	385 U	765 U	385 U	385 U	385 U	385 U	385 U
SB-510-0810-D	SB-510	8	10	20071128	390 U	390 U	--	390 U	770 U	390 U	--	390 U	770 U	390 U	390 U	390 U	390 U	390 U
SB-511-0406	SB-511	4	6	20071129	390 U	390 U	--	390 U	770 U	390 U	--	390 U	770 U	390 U	390 U	390 U	390 U	390 U
SB-511-0810	SB-511	8	10	20071129	410 U	410 U	--	410 U	830 U	410 U	--	410 U	830 U	410 U	410 U	410 U	410 U	410 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
EW1-051616	EW1	5	5	20160516	--	66 U	43 U	98	21	23 U	220	23 U	1569.6	1569.6	30 U	990	1000	1500
EW2-051616	EW2	5	5	20160516	--	610 U	400 U	1900	250	220 U	3000	210 U	17830	17830	280 U	12000	12000	15000
I-SB-32-09	BLI-SB-32	9	9	20100928	93 U	30 U	93 U	3.8 U	3.8 U	11 U	3.8 U	11 U	17.089	14.999	14 U	14	12	15 J
I-SB-33-07	BLI-SB-33	7	7	20100924	98 U	32 U	98 U	4.1 U	4.1 U	11 U	4.1 U	11 U	4.1 U	4.1 U	15 U	4.1 U	4.1 U	4.1 U
I-SB-34-03	BLI-SB-34	3	3	20100924	99 U	32 U	99 U	4.1 U	4.1 U	11 U	4.1 U	11 U	4.1 U	4.1 U	15 U	4.1 U	4.1 U	4.1 U
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	31 U	20 U	0.9 U	0.42 U	11 UR	0.93 U	11 U	12.964	12.574	30 J	8.2	9.2	16
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	30 U	20 U	0.87 U	0.40 U	11 U	0.90 U	10 U	0.74 U	0.74 U	14 U	0.72 U	0.74 U	0.68 U
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	30 U	20 U	0.88 U	0.40 U	11 U	0.90 U	11 U	27.425	27.045	14 U	37	9.4	97
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	160 U	100 U	4.6 U	84	56 U	560	55 U	2812.2	2812.2	73 U	2400	1900	2400
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	830 U	550 U	1100	280	300 U	3300	290 U	21320.5	21310	380 U	18000	16000	24000
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	1200 U	1200 U	--	--	480 U	--	480 U	--	--	--	--	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	1100 U	1100 U	--	--	440 U	--	440 U	--	--	--	--	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	1100 U	1100 U	--	--	440 U	--	440 U	--	--	--	--	--	--
SB-35-04	SB-035	4	4	20040922	--	970 U	970 U	--	--	390 U	--	390 U	--	--	--	--	--	--
SB-36-05	SB-036	5	5	20040917	--	1000 U	1000 U	--	--	400 U	--	400 U	--	--	--	--	--	--
SB-4-05	SB-004	5	5	20031120	--	1200 U	1200 U	--	--	460 U	--	460 U	--	--	--	--	--	--
SB-500-0406	SB-500	4	6	20071127	370 U	370 U	740 U	--	--	75 U	--	370 U	--	--	370 U	--	--	--
SB-500-0810	SB-500	8	10	20071127	400 U	400 U	790 U	--	--	80 U	--	400 U	--	--	400 U	--	--	--
SB-501-0406	SB-501	4	6	20071127	370 U	370 U	740 U	--	--	74 U	--	370 U	--	--	370 U	--	--	--
SB-501-0810	SB-501	8	10	20071127	390 U	390 U	780 U	--	--	79 U	--	390 U	--	--	390 U	--	--	--
SB-502-0406	SB-502	4	6	20071127	390 U	390 U	770 U	--	--	78 U	--	390 U	--	--	390 U	--	--	--
SB-502-0810	SB-502	8	10	20071127	3800 U	3800 U	7700 U	--	--	780 U	--	3800 U	--	--	3800 U	--	--	--
SB-503-0406	SB-503	4	6	20071127	400 U	400 U	800 U	--	--	81 U	--	400 U	--	--	400 U	--	--	--
SB-504-0406	SB-504	4	6	20071127	1500 U	1500 U	3000 U	--	--	310 U	--	1500 U	--	--	1500 U	--	--	--
SB-504-0810	SB-504	8	10	20071127	380 U	380 U	770 U	--	--	77 U	--	380 U	--	--	380 U	--	--	--
SB-5-05	SB-005	5	5	20031120	--	1100 U	1100 U	--	--	420 U	--	420 U	--	--	--	--	--	--
SB-505-0406	SB-505	4	6	20071127	380 U	380 U	770 U	--	--	78 U	--	380 U	--	--	380 U	--	--	--
SB-505-0810	SB-505	8	10	20071127	410 U	410 U	830 U	--	--	84 U	--	410 U	--	--	410 U	--	--	--
SB-506-0406	SB-506	4	6	20071128	380 U	380 U	760 U	--	--	77 U	--	380 U	--	--	380 U	--	--	--
SB-506-0810	SB-506	8	10	20071128	420 U	420 U	840 U	--	--	85 U	--	420 U	--	--	420 U	--	--	--
SB-507-0406	SB-507	4	6	20071128	410 U	410 U	810 U	--	--	82 U	--	410 U	--	--	410 U	--	--	--
SB-507-0810	SB-507	8	10	20071128	380 U	380 U	760 U	--	--	77 U	--	380 U	--	--	380 U	--	--	--
SB-508-0406	SB-508	4	6	20071128	390 U	390 U	770 U	--	--	78 U	--	390 U	--	--	390 U	--	--	--
SB-508-0406-AVG	SB-508	4	6	20071128	390 U	390 U	775 U	--	--	78 U	--	390 U	--	--	390 U	--	--	--
SB-508-0406-D	SB-508	4	6	20071128	390 U	390 U	780 U	--	--	78 U	--	390 U	--	--	390 U	--	--	--
SB-508-0810	SB-508	8	10	20071128	400 U	400 U	790 U	--	--	80 U	--	400 U	--	--	400 U	--	--	--
SB-509-0406	SB-509	4	6	20071129	380 U	380 U	760 U	--	--	77 U	--	380 U	--	--	380 U	--	--	--
SB-509-0810	SB-509	8	10	20071129	380 U	380 U	760 U	--	--	76 U	--	380 U	--	--	380 U	--	--	--
SB-510-0406	SB-510	4	6	20071128	380 UL	380 UL	760 UL	--	--	77 UL	--	380 UL	--	--	380 UL	--	--	--
SB-510-0810	SB-510	8	10	20071128	380 U	380 U	760 U	--	--	77 U	--	380 U	--	--	380 U	--	--	--
SB-510-0810-AVG	SB-510	8	10	20071128	385 U	385 U	765 U	--	--	77.5 U	--	385 U	--	--	385 U	--	--	--
SB-510-0810-D	SB-510	8	10	20071128	390 U	390 U	770 U	--	--	78 U	--	390 U	--	--	390 U	--	--	--
SB-511-0406	SB-511	4	6	20071129	390 U	390 U	770 U	--	--	78 U	--	390 U	--	--	390 U	--	--	--
SB-511-0810	SB-511	8	10	20071129	410 U	410 U	830 U	--	--	83 U	--	410 U	--	--	410 U	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
EW1-051616	EW1	5	5	20160516	870	550	55 U	5 U	48 U	61 J	93 U	130	1100	240	34 J	40 U	43 U	38 U
EW2-051616	EW2	5	5	20160516	8800	6800	510 U	47 U	440 U	230 U	860 U	1900	12000	2300	660 J	370 U	400 U	350 U
I-SB-32-09	BLI-SB-32	9	9	20100928	8	8.3	26 U	2.3 U	29 J	12 U	43 U	31 U	16	3.8 U	3.8 U	19 U	20 U	17 U
I-SB-33-07	BLI-SB-33	7	7	20100924	4.1 U	4.1 U	27 U	2.5 U	23 U	12 U	45 U	33 U	1.4 U	4.1 U	4.1 U	20 U	21 U	18 U
I-SB-34-03	BLI-SB-34	3	3	20100924	4.1 U	4.1 U	27 U	2.5 U	23 U	12 U	46 U	33 U	1.4 U	4.1 U	4.1 U	20 U	21 U	19 U
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	11	6.3 J	26 UR	2.4 UR	25 U	12 U	44 U	32 U	11	0.78 U	0.78 U	19 U	20 U	18 U
PUSTE-030916	PUSTE	2.5	2.5	20160309	0.40 U	0.78 U	25 U	2.3 U	24 U	11 U	43 U	31 U	1.3 U	0.76 U	0.76 U	18 U	20 U	17 U
PUSTF-030916	PUSTF	4.4	4.4	20160309	40	37	25 U	2.3 U	46 U	12 U	43 U	31 U	75	0.76 U	0.76 U	18 U	20 U	17 U
PUSTG-030916	PUSTG	4.3	4.3	20160309	1100	1000	130 U	12 U	120 U	61 U	220 U	160 U	2200	320	4 U	97 U	100 U	91 U
PUSTGBR-030916	PUSTGBR	4	4	20160309	12000	9100	710 U	64 U	610 U	320 U	1200 U	1100 J	19000	21 U	700 J	510 U	550 U	480 U
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	480 U	480 U	480 U	480 U	480 U	480 U	--	--	480 U	480 U	480 U	480 U
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	440 U	440 U	440 U	440 U	440 U	440 U	--	--	440 U	440 U	440 U	440 U
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	440 U	440 U	440 U	440 U	440 U	440 U	--	--	440 U	440 U	440 U	440 U
SB-35-04	SB-035	4	4	20040922	--	--	390 U	390 U	390 U	390 U	390 U	390 U	--	--	390 U	390 U	390 U	390 U
SB-36-05	SB-036	5	5	20040917	--	--	400 U	400 U	400 U	400 U	400 U	400 U	--	--	400 U	400 U	400 U	400 U
SB-4-05	SB-004	5	5	20031120	--	--	460 U	460 U	460 U	460 U	460 U	460 U	--	--	460 U	460 U	460 U	460 U
SB-500-0406	SB-500	4	6	20071127	--	--	370 U	370 U	370 U	370 U	370 U	370 U	--	--	370 U	370 U	370 U	370 U
SB-500-0810	SB-500	8	10	20071127	--	--	400 U	400 U	400 U	400 U	400 U	400 U	--	--	400 U	400 U	400 U	400 U
SB-501-0406	SB-501	4	6	20071127	--	--	370 U	370 U	370 U	370 U	370 U	370 U	--	--	370 U	370 U	370 U	370 U
SB-501-0810	SB-501	8	10	20071127	--	--	390 U	390 U	390 U	390 U	390 U	390 U	--	--	390 U	390 U	390 U	390 U
SB-502-0406	SB-502	4	6	20071127	--	--	390 U	390 U	390 U	390 U	390 U	390 U	--	--	390 U	390 U	390 U	390 U
SB-502-0810	SB-502	8	10	20071127	--	--	3800 U	3800 U	3800 U	3800 U	3800 U	3800 U	--	--	3800 U	3800 U	3800 U	3800 U
SB-503-0406	SB-503	4	6	20071127	--	--	400 U	400 U	400 U	400 U	400 U	400 U	--	--	400 U	400 U	400 U	400 U
SB-504-0406	SB-504	4	6	20071127	--	--	1500 U	1500 U	1500 U	1500 U	1500 U	370 J	--	--	260 J	1500 U	1500 U	1500 U
SB-504-0810	SB-504	8	10	20071127	--	--	380 U	380 U	38 J	380 U	380 U	22 J	--	--	380 U	380 U	380 U	380 U
SB-5-05	SB-005	5	5	20031120	--	--	420 U	420 U	420 U	420 U	420 U	420 U	--	--	420 U	420 U	420 U	420 U
SB-505-0406	SB-505	4	6	20071127	--	--	380 U	380 U	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U	380 U
SB-505-0810	SB-505	8	10	20071127	--	--	410 U	410 U	25 J	410 U	410 U	410 U	--	--	410 U	410 U	410 U	410 U
SB-506-0406	SB-506	4	6	20071128	--	--	380 U	380 U	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U	380 U
SB-506-0810	SB-506	8	10	20071128	--	--	420 U	420 U	420 U	420 U	420 U	420 U	--	--	420 U	420 U	420 U	420 U
SB-507-0406	SB-507	4	6	20071128	--	--	410 U	410 U	410 U	410 U	410 U	410 U	--	--	410 U	410 U	410 U	410 U
SB-507-0810	SB-507	8	10	20071128	--	--	380 U	380 U	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U	380 U
SB-508-0406	SB-508	4	6	20071128	--	--	390 U	390 U	390 U	390 U	390 U	390 U	--	--	390 U	390 U	390 U	390 U
SB-508-0406-AVG	SB-508	4	6	20071128	--	--	390 U	390 U	390 U	390 U	390 U	390 U	--	--	390 U	390 U	390 U	390 U
SB-508-0406-D	SB-508	4	6	20071128	--	--	390 U	390 U	390 U	390 U	390 U	390 U	--	--	390 U	390 U	390 U	390 U
SB-508-0810	SB-508	8	10	20071128	--	--	400 U	400 U	400 U	400 U	400 U	400 U	--	--	400 U	400 U	400 U	400 U
SB-509-0406	SB-509	4	6	20071129	--	--	380 U	380 U	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U	380 U
SB-509-0810	SB-509	8	10	20071129	--	--	380 U	380 U	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U	380 U
SB-510-0406	SB-510	4	6	20071128	--	--	380 UL	380 UL	380 UL	380 UL	380 UL	380 UL	--	--	380 UL	380 UL	380 UL	380 UL
SB-510-0810	SB-510	8	10	20071128	--	--	380 U	380 U	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U	380 U
SB-510-0810-AVG	SB-510	8	10	20071128	--	--	385 U	385 U	385 U	385 U	385 U	385 U	--	--	385 U	385 U	385 U	385 U
SB-510-0810-D	SB-510	8	10	20071128	--	--	390 U	390 U	390 U	390 U	390 U	390 U	--	--	390 U	390 U	390 U	390 U
SB-511-0406	SB-511	4	6	20071129	--	--	390 U	390 U	390 U	390 U	390 U	390 U	--	--	390 U	390 U	390 U	390 U
SB-511-0810	SB-511	8	10	20071129	--	--	410 U	410 U	410 U	410 U	410 U	410 U	--	--	410 U	410 U	410 U	410 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
EW1-051616	EW1	5	5	20160516	20 U	1900	69	5.3 U	14 U	20 U	23 U	740	33 U	19	5.5 U	40 UJ	16 U	53 U
EW2-051616	EW2	5	5	20160516	180 U	23000	1400	49 U	130 U	190 U	210 U	7500	300 U	530	51 U	370 UJ	150 U	490 U
I-SB-32-09	BLI-SB-32	9	9	20100928	31 U	32	3.8 U	2.4 U	31 U	31 U	10 U	3.8 U	15 U	3.8 U	2.6 U	19 U	31 U	24 U
I-SB-33-07	BLI-SB-33	7	7	20100924	33 U	4.1 U	4.1 U	2.6 U	33 U	33 U	11 U	4.1 U	16 U	4.1 U	2.7 U	20 U	33 U	26 U
I-SB-34-03	BLI-SB-34	3	3	20100924	33 U	4.1 U	4.1 U	2.6 U	33 U	33 U	11 U	4.1 U	16 U	4.1 U	2.7 U	20 U	33 U	26 U
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	9.4 UJ	24	0.63 U	2.5 U	6.7 UR	9.6 UR	11 UR	8.8	15 U	8.3 J	2.6 UR	19 UR	7.5 UR	25 U
PUSTE-030916	PUSTE	2.5	2.5	20160309	9.1 U	5.3 J	0.61 U	2.4 U	6.4 U	9.3 UR	10 U	0.40 U	15 U	0.94 U	2.5 U	18 U	7.2 U	24 U
PUSTF-030916	PUSTF	4.4	4.4	20160309	9.1 U	200	0.61 U	2.4 U	6.5 U	9.3 UJ	10 U	38	15 U	21	2.5 U	18 U	7.3 U	24 U
PUSTG-030916	PUSTG	4.3	4.3	20160309	48 U	4700	60	13 U	34 U	49 UJ	54 U	1000	79 U	5 U	13 U	97 U	38 U	130 U
PUSTGBR-030916	PUSTGBR	4	4	20160309	250 U	43000	1300	67 U	180 U	260 UJ	290 U	10000	420 U	180 J	71 U	510 U	200 U	670 U
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	480 U	--	--	480 U	480 U	480 U	480 U	--	480 U	--	480 U	--	480 U	480 U
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	440 U	--	--	440 U	440 U	440 U	440 U	--	440 U	--	440 U	--	440 U	440 U
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	440 U	--	--	440 U	440 U	440 U	440 U	--	440 U	--	440 U	--	440 U	440 U
SB-35-04	SB-035	4	4	20040922	390 U	--	--	390 U	390 U	390 U	390 U	--	390 U	--	390 U	--	390 U	390 U
SB-36-05	SB-036	5	5	20040917	400 UJ	--	--	400 U	400 U	400 U	400 U	--	400 U	--	400 U	--	400 U	400 U
SB-4-05	SB-004	5	5	20031120	460 U	--	--	460 U	460 U	460 U	460 U	--	460 U	--	460 U	--	460 U	460 U
SB-500-0406	SB-500	4	6	20071127	370 U	--	--	370 U	370 U	370 U	370 U	--	370 U	--	370 U	370 U	370 U	370 U
SB-500-0810	SB-500	8	10	20071127	400 U	--	--	400 U	400 U	400 U	400 U	--	400 U	--	400 U	400 U	400 U	400 U
SB-501-0406	SB-501	4	6	20071127	370 U	--	--	370 U	370 U	370 U	370 U	--	370 U	--	370 U	370 U	370 U	370 U
SB-501-0810	SB-501	8	10	20071127	390 U	--	--	390 U	390 U	390 U	390 U	--	390 U	--	390 U	390 U	390 U	390 U
SB-502-0406	SB-502	4	6	20071127	390 U	--	--	390 U	390 U	390 U	390 U	--	390 U	--	390 U	390 U	390 U	390 U
SB-502-0810	SB-502	8	10	20071127	3800 U	--	--	3800 U	3800 U	3800 U	3800 U	--	3800 U	--	3800 U	3800 U	3800 U	3800 U
SB-503-0406	SB-503	4	6	20071127	400 U	--	--	400 U	400 U	400 U	400 U	--	400 U	--	400 U	400 U	400 U	400 U
SB-504-0406	SB-504	4	6	20071127	1500 U	--	--	1500 U	1500 U	1500 U	1500 U	--	1500 U	--	1500 U	1500 U	1500 U	1500 U
SB-504-0810	SB-504	8	10	20071127	380 U	--	--	380 U	380 U	380 U	380 U	--	380 U	--	380 U	380 U	380 U	380 U
SB-5-05	SB-005	5	5	20031120	420 U	--	--	420 U	420 U	420 U	420 U	--	420 U	--	420 U	--	420 U	420 U
SB-505-0406	SB-505	4	6	20071127	380 U	--	--	380 U	380 U	380 U	380 U	--	380 U	--	380 U	380 U	380 U	380 U
SB-505-0810	SB-505	8	10	20071127	410 U	--	--	410 U	410 U	410 U	410 U	--	410 U	--	410 U	410 U	410 U	410 U
SB-506-0406	SB-506	4	6	20071128	380 U	--	--	380 U	380 U	380 U	380 U	--	380 U	--	380 U	380 U	380 U	380 U
SB-506-0810	SB-506	8	10	20071128	420 U	--	--	420 U	420 U	420 U	420 U	--	420 U	--	420 U	420 U	420 U	420 U
SB-507-0406	SB-507	4	6	20071128	410 U	--	--	410 U	410 U	410 U	410 U	--	410 U	--	410 U	410 U	410 U	410 U
SB-507-0810	SB-507	8	10	20071128	380 U	--	--	380 U	380 U	380 U	380 U	--	380 U	--	380 U	380 U	380 U	380 U
SB-508-0406	SB-508	4	6	20071128	390 U	--	--	390 U	390 U	390 U	390 U	--	390 U	--	390 U	390 U	390 U	390 U
SB-508-0406-AVG	SB-508	4	6	20071128	390 U	--	--	390 U	390 U	390 U	390 U	--	390 U	--	390 U	390 U	390 U	390 U
SB-508-0406-D	SB-508	4	6	20071128	390 U	--	--	390 U	390 U	390 U	390 U	--	390 U	--	390 U	390 U	390 U	390 U
SB-508-0810	SB-508	8	10	20071128	400 U	--	--	400 U	400 U	400 U	400 U	--	400 U	--	400 U	400 U	400 U	400 U
SB-509-0406	SB-509	4	6	20071129	380 U	--	--	380 U	380 U	380 U	380 U	--	380 U	--	380 U	380 U	380 U	380 U
SB-509-0810	SB-509	8	10	20071129	380 U	--	--	380 U	380 U	380 U	380 U	--	380 U	--	380 U	380 U	380 U	380 U
SB-510-0406	SB-510	4	6	20071128	380 UL	--	--	380 UL	380 UL	380 UL	380 UL	--	380 UL	--	380 UL	380 UL	380 UL	380 UL
SB-510-0810	SB-510	8	10	20071128	380 U	--	--	380 U	380 U	380 U	380 U	--	380 U	--	380 U	380 U	380 U	380 U
SB-510-0810-AVG	SB-510	8	10	20071128	385 U	--	--	385 U	385 U	385 U	385 U	--	385 U	--	385 U	385 U	385 U	385 U
SB-510-0810-D	SB-510	8	10	20071128	390 U	--	--	390 U	390 U	390 U	390 U	--	390 U	--	390 U	390 U	390 U	390 U
SB-511-0406	SB-511	4	6	20071129	390 U	--	--	390 U	390 U	390 U	390 U	--	390 U	--	390 U	390 U	390 U	390 U
SB-511-0810	SB-511	8	10	20071129	410 U	--	--	410 U	410 U	410 U	410 U	--	410 U	--	410 U	410 U	410 U	410 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)
EW1-051616	EW1	5	5	20160516	23 U	890	18 U	1800	12019	12019	0.0081 J	0.088 J	0.0039 J	0.0083 J	0.032 J	0.00009 U	0.0055 J
EW2-051616	EW2	5	5	20160516	210 U	12000	170 U	21000	139810	139810	0.011 J	0.54	0.0051 J	0.013 J	0.042 J	0.00009 U	0.0068 J
I-SB-32-09	BLI-SB-32	9	9	20100928	93 U	23	31 U	25	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	98 U	4.1 U	33 U	4.1 U	--	--	--	--	--	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	99 U	4.1 U	33 U	4.1 U	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	11 U	12	8.7 UR	14	128.8	130.63	0.027 J	0.19 J	0.0006 J	0.012 J	0.019 J	0.00009 U	0.0051 U
PUSTE-030916	PUSTE	2.5	2.5	20160309	10 U	6.5 J	8.4 U	4.9 J	--	--	0.0084 U	0.12 U	0.00016 J	0.0036 U	0.0083 J	0.0001 U	0.004 U
PUSTF-030916	PUSTF	4.4	4.4	20160309	11 U	110	8.4 U	100	--	--	0.0083 U	0.20 U	0.00014 J	0.0083 U	0.016 J	0.00009 U	0.004 U
PUSTG-030916	PUSTG	4.3	4.3	20160309	55 U	1500	44 U	3600	--	--	0.0043 U	0.21 U	0.0013 J	0.0033 U	0.002 J	0.00009 U	0.004 U
PUSTGBR-030916	PUSTGBR	4	4	20160309	290 U	13000	230 U	33000	--	--	0.0056 U	0.92 U	0.0006 J	0.0045 U	0.037 J	0.00012 U	0.004 U
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	1200 U	--	480 U	--	--	--	--	--	--	--	--	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	1100 U	--	440 U	--	--	--	--	--	--	--	--	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	1100 U	--	440 U	--	--	--	--	--	--	--	--	--	--
SB-35-04	SB-035	4	4	20040922	970 U	--	390 U	--	--	--	--	--	--	--	--	--	--
SB-36-05	SB-036	5	5	20040917	1000 U	--	400 U	--	--	--	--	--	--	--	--	--	--
SB-4-05	SB-004	5	5	20031120	1200 U	--	460 U	--	--	--	--	--	--	--	--	--	--
SB-500-0406	SB-500	4	6	20071127	370 U	--	370 U	--	--	--	--	--	--	--	--	--	--
SB-500-0810	SB-500	8	10	20071127	400 U	--	400 U	--	--	--	--	--	--	--	--	--	--
SB-501-0406	SB-501	4	6	20071127	370 U	--	370 U	--	--	--	--	--	--	--	--	--	--
SB-501-0810	SB-501	8	10	20071127	390 U	--	390 U	--	--	--	--	--	--	--	--	--	--
SB-502-0406	SB-502	4	6	20071127	390 U	--	390 U	--	--	--	--	--	--	--	--	--	--
SB-502-0810	SB-502	8	10	20071127	3800 U	--	3800 U	--	--	--	--	--	--	--	--	--	--
SB-503-0406	SB-503	4	6	20071127	400 U	--	400 U	--	--	--	--	--	--	--	--	--	--
SB-504-0406	SB-504	4	6	20071127	1500 U	--	1500 U	--	--	--	--	--	--	--	--	--	--
SB-504-0810	SB-504	8	10	20071127	380 U	--	380 U	--	--	--	--	--	--	--	--	--	--
SB-5-05	SB-005	5	5	20031120	1100 U	--	420 U	--	--	--	--	--	--	--	--	--	--
SB-505-0406	SB-505	4	6	20071127	380 U	--	380 U	--	--	--	--	--	--	--	--	--	--
SB-505-0810	SB-505	8	10	20071127	410 U	--	410 U	--	--	--	--	--	--	--	--	--	--
SB-506-0406	SB-506	4	6	20071128	380 U	--	380 U	--	--	--	--	--	--	--	--	--	--
SB-506-0810	SB-506	8	10	20071128	420 U	--	420 U	--	--	--	--	--	--	--	--	--	--
SB-507-0406	SB-507	4	6	20071128	410 U	--	410 U	--	--	--	--	--	--	--	--	--	--
SB-507-0810	SB-507	8	10	20071128	380 U	--	380 U	--	--	--	--	--	--	--	--	--	--
SB-508-0406	SB-508	4	6	20071128	390 U	--	390 U	--	--	--	--	--	--	--	--	--	--
SB-508-0406-AVG	SB-508	4	6	20071128	390 U	--	390 U	--	--	--	--	--	--	--	--	--	--
SB-508-0406-D	SB-508	4	6	20071128	390 U	--	390 U	--	--	--	--	--	--	--	--	--	--
SB-508-0810	SB-508	8	10	20071128	400 U	--	400 U	--	--	--	--	--	--	--	--	--	--
SB-509-0406	SB-509	4	6	20071129	380 U	--	380 U	--	--	--	--	--	--	--	--	--	--
SB-509-0810	SB-509	8	10	20071129	380 U	--	380 U	--	--	--	--	--	--	--	--	--	--
SB-510-0406	SB-510	4	6	20071128	380 UL	--	380 UL	--	--	--	--	--	--	--	--	--	--
SB-510-0810	SB-510	8	10	20071128	380 U	--	380 U	--	--	--	--	--	--	--	--	--	--
SB-510-0810-AVG	SB-510	8	10	20071128	385 U	--	385 U	--	--	--	--	--	--	--	--	--	--
SB-510-0810-D	SB-510	8	10	20071128	390 U	--	390 U	--	--	--	--	--	--	--	--	--	--
SB-511-0406	SB-511	4	6	20071129	390 U	--	390 U	--	--	--	--	--	--	--	--	--	--
SB-511-0810	SB-511	8	10	20071129	410 U	--	410 U	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-
					TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
EW1-051616	EW1	5	5	20160516	0.00092 U	--	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	0.00092 U	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	0.00092 U	--	--	--	--	--	--	--	--	--	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	0.00092 U	--	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	0.00092 U	--	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	0.00092 U	--	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	0.00092 U	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-04	SB-035	4	4	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-05	SB-036	5	5	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-05	SB-004	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0406	SB-500	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0810	SB-500	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0406	SB-501	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0810	SB-501	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0406	SB-502	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0810	SB-502	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0406	SB-503	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0406	SB-504	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0810	SB-504	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-05	SB-005	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0406	SB-505	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0810	SB-505	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0406	SB-506	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0810	SB-506	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0406	SB-507	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0810	SB-507	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-AVG	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-D	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0810	SB-508	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0406	SB-509	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0810	SB-509	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0406	SB-510	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-AVG	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-D	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0406	SB-511	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0810	SB-511	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	16 NJ	--	--	--	--	--	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-04	SB-035	4	4	20040922	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-05	SB-036	5	5	20040917	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-05	SB-004	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0406	SB-500	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0810	SB-500	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0406	SB-501	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0810	SB-501	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0406	SB-502	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0810	SB-502	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0406	SB-503	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0406	SB-504	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0810	SB-504	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-05	SB-005	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0406	SB-505	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0810	SB-505	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0406	SB-506	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0810	SB-506	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0406	SB-507	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0810	SB-507	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-AVG	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-D	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0810	SB-508	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0406	SB-509	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0810	SB-509	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0406	SB-510	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-AVG	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-D	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0406	SB-511	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0810	SB-511	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	--	--	--	--	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-04	SB-035	4	4	20040922	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-05	SB-036	5	5	20040917	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-05	SB-004	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0406	SB-500	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0810	SB-500	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0406	SB-501	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0810	SB-501	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0406	SB-502	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0810	SB-502	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0406	SB-503	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0406	SB-504	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0810	SB-504	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-05	SB-005	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0406	SB-505	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0810	SB-505	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0406	SB-506	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0810	SB-506	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0406	SB-507	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0810	SB-507	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-AVG	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-D	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0810	SB-508	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0406	SB-509	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0810	SB-509	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0406	SB-510	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-AVG	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-D	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0406	SB-511	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0810	SB-511	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	--	--	--	--	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-04	SB-035	4	4	20040922	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-05	SB-036	5	5	20040917	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-05	SB-004	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0406	SB-500	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0810	SB-500	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0406	SB-501	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0810	SB-501	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0406	SB-502	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0810	SB-502	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0406	SB-503	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0406	SB-504	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0810	SB-504	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-05	SB-005	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0406	SB-505	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0810	SB-505	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0406	SB-506	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0810	SB-506	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0406	SB-507	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0810	SB-507	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-AVG	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-D	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0810	SB-508	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0406	SB-509	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0810	SB-509	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0406	SB-510	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-AVG	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-D	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0406	SB-511	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0810	SB-511	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	SILANOL, DIMETHYL(1,1,2-TRIMETHYLPROPYL)	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]	UNKNOWN [2.17]
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
EW1-051616	EW1	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
EW2-051616	EW2	5	5	20160516	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-09	BLI-SB-32	9	9	20100928	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-33-07	BLI-SB-33	7	7	20100924	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-34-03	BLI-SB-34	3	3	20100924	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	--	--	--	--	--	--	--	--	--	--	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	--	--	--	--	--	--	--	--	--	--	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	--	--	--	--	--	--	--	--	--	--	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	--	--	--	--	--	--	--	--	--	--	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-04	SB-035	4	4	20040922	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-05	SB-036	5	5	20040917	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-05	SB-004	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0406	SB-500	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-500-0810	SB-500	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0406	SB-501	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-501-0810	SB-501	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0406	SB-502	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-502-0810	SB-502	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-503-0406	SB-503	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0406	SB-504	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-504-0810	SB-504	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-05	SB-005	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0406	SB-505	4	6	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-505-0810	SB-505	8	10	20071127	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0406	SB-506	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-506-0810	SB-506	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0406	SB-507	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-507-0810	SB-507	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-AVG	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0406-D	SB-508	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-508-0810	SB-508	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0406	SB-509	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-509-0810	SB-509	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0406	SB-510	4	6	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-AVG	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-510-0810-D	SB-510	8	10	20071128	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0406	SB-511	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-511-0810	SB-511	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	UNKNOWN [3.57]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
EW1-051616	EW1	5	5	20160516	--	0.63 U	0.82 U	0.39 U	--	0.53 U	0.43 U	1 U	0.47 U	0.63 U	0.98 U	0.58 UJ
EW2-051616	EW2	5	5	20160516	--	0.51 U	0.67 U	0.32 U	--	0.43 U	0.35 U	0.82 U	0.38 U	0.51 U	0.8 U	0.47 UJ
I-SB-32-09	BLI-SB-32	9	9	20100928	--	7.7 U	18 U	7.5 U	--	33 U	14 U	15 U	8.5 U	130 J	18 U	0.14 U
I-SB-33-07	BLI-SB-33	7	7	20100924	--	0.64 U	0.58 U	0.35 U	--	1.3 U	0.37 U	0.54 U	0.31 U	5.2	0.93 U	0.81 B
I-SB-34-03	BLI-SB-34	3	3	20100924	--	0.6 U	0.54 U	0.33 U	--	1.3 U	0.35 U	0.5 U	0.29 U	0.37 U	0.87 U	0.16 U
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	0.66 U	0.6 U	0.36 U	--	1.4 U	0.38 U	0.55 U	0.32 U	0.4 U	0.96 UJ	0.18 U
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	0.52 U	0.47 U	0.28 U	--	1.3 J	0.3 U	0.66 J	0.25 U	0.32 U	0.75 U	0.14 U
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	--	0.56 U	0.72 U	0.34 U	--	0.47 U	0.38 U	0.89 U	0.41 U	0.56 U	0.87 U	0.51 U
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	0.55 U	0.72 U	0.34 U	--	0.46 U	0.37 U	0.88 U	0.41 U	0.55 U	0.86 U	0.51 UJ
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	0.56 U	0.72 U	0.35 U	--	0.47 U	0.38 U	0.89 U	0.41 U	0.56 UJ	0.87 U	1.3 J
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	0.58 U	0.76 U	0.36 U	--	0.49 U	0.40 U	0.93 U	0.43 U	0.58 U	0.91 U	0.53 UJ
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	0.62 U	0.80 U	0.38 U	--	0.52 U	0.42 U	0.99 U	0.46 U	0.62 U	0.96 U	0.57 UJ
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	--	7 U	7 U	7 U	7 U	--	7 U	7 U	7 U	7 U	7 U	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	--	7 U	7 U	7 U	7 U	--	7 U	7 U	7 U	7 U	7 U	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	--	7 U	7 U	7 U	7 U	--	7 U	7 U	7 U	7 U	7 U	--
SB-35-04	SB-035	4	4	20040922	--	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	--
SB-36-05	SB-036	5	5	20040917	--	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	--
SB-4-05	SB-004	5	5	20031120	--	7 U	7 U	7 U	7 U	--	7 U	7 U	7 U	7 U	7 U	--
SB-500-0406	SB-500	4	6	20071127	--	5.6 U	5.6 U	5.6 U	--	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	1.7 J
SB-500-0810	SB-500	8	10	20071127	--	6 U	6 U	6 U	--	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-501-0406	SB-501	4	6	20071127	--	280 U	280 U	280 U	--	280 U	280 U	280 U	280 U	2100	280 U	280 U
SB-501-0810	SB-501	8	10	20071127	--	2900 U	2900 U	2900 U	--	2900 U	2900 U	2900 U	2900 U	14000	2900 U	2900 U
SB-502-0406	SB-502	4	6	20071127	--	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U	21	5.8 U	5.8 U
SB-502-0810	SB-502	8	10	20071127	--	290 U	290 U	290 U	--	290 U	290 U	290 U	290 U	710	290 U	290 U
SB-503-0406	SB-503	4	6	20071127	--	6.1 U	6.1 U	6.1 U	--	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U
SB-504-0406	SB-504	4	6	20071127	--	5.7 U	5.7 U	5.7 U	--	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	0.35 J
SB-504-0810	SB-504	8	10	20071127	--	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	0.35 J
SB-5-05	SB-005	5	5	20031120	--	6 U	6 U	6 U	6 U	--	6 U	6 U	6 U	6 U	6 U	--
SB-505-0406	SB-505	4	6	20071127	--	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-505-0810	SB-505	8	10	20071127	--	6.3 U	6.3 U	6.3 U	--	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U
SB-506-0406	SB-506	4	6	20071128	--	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-506-0810	SB-506	8	10	20071128	--	6.4 U	6.4 U	6.4 U	--	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U
SB-507-0406	SB-507	4	6	20071128	--	6.2 U	6.2 U	6.2 U	--	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U
SB-507-0810	SB-507	8	10	20071128	--	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-508-0406	SB-508	4	6	20071128	--	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-508-0406-AVG	SB-508	4	6	20071128	--	5.85 U	5.85 U	5.85 U	--	5.85 U	5.85 U	5.85 U	5.85 U	5.85 U	5.85 U	5.85 U
SB-508-0406-D	SB-508	4	6	20071128	--	5.9 U	5.9 U	5.9 U	--	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-508-0810	SB-508	8	10	20071128	--	6 U	6 U	6 U	--	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-509-0406	SB-509	4	6	20071129	--	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-509-0810	SB-509	8	10	20071129	--	5.7 U	5.7 U	5.7 U	--	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U
SB-510-0406	SB-510	4	6	20071128	--	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-510-0810	SB-510	8	10	20071128	--	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-510-0810-AVG	SB-510	8	10	20071128	--	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-510-0810-D	SB-510	8	10	20071128	--	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-511-0406	SB-511	4	6	20071129	--	5.9 U	5.9 U	5.9 U	--	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-511-0810	SB-511	8	10	20071129	--	6.3 U	6.3 U	6.3 U	--	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
EW1-051616	EW1	5	5	20160516	0.48 U	0.73 U	3.4 UJ	0.67 U	0.43 U	0.58 U	0.18 U	--	0.87 U	0.5 U	0.35 U	0.56 UJ
EW2-051616	EW2	5	5	20160516	0.39 U	0.6 U	2.8 UJ	0.54 U	0.35 U	0.47 U	0.14 U	--	0.71 U	0.41 U	0.29 U	0.45 UJ
I-SB-32-09	BLI-SB-32	9	9	20100928	750	4.2 U	42 U	8.5 U	42 J	270	6.9 U	--	18 J	19 U	110 J	19 U
I-SB-33-07	BLI-SB-33	7	7	20100924	20	0.67 U	1.3 U	0.52 U	1.3 J	0.35 U	0.71 U	--	0.36 U	0.35 U	1.3 J	0.97 U
I-SB-34-03	BLI-SB-34	3	3	20100924	0.26 U	0.63 U	1.3 U	0.48 U	0.35 U	0.33 U	0.67 U	--	0.34 U	0.33 U	0.64 U	0.91 U
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	0.29 U	0.69 U	1.4 UJ	0.53 U	0.38 U	0.36 UJ	0.73 U	--	0.37 U	0.36 U	0.7 U	1 U
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	0.22 U	0.54 U	1.1 UJ	0.42 U	0.3 U	0.28 U	0.57 U	--	0.29 U	0.28 U	0.55 U	0.78 U
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	0.42 U	0.64 U	3 U	0.59 U	0.38 U	0.51 U	0.16 U	--	0.77 U	0.44 U	0.31 U	0.49 U
PUSTE-030916	PUSTE	2.5	2.5	20160309	0.42 U	0.64 U	3 U	0.58 U	0.37 U	0.51 U	0.15 U	--	0.76 U	0.44 U	0.31 U	0.49 U
PUSTF-030916	PUSTF	4.4	4.4	20160309	0.42 UJ	1.5 J	3 UJ	0.59 U	0.38 U	0.51 U	0.16 U	--	0.77 U	0.45 U	0.84 J	0.49 U
PUSTG-030916	PUSTG	4.3	4.3	20160309	0.44 U	0.67 U	3.1 U	0.62 U	0.40 U	0.53 U	0.16 U	--	0.80 U	0.46 U	0.33 U	0.51 U
PUSTGBR-030916	PUSTGBR	4	4	20160309	0.47 U	0.72 U	3.3 U	0.65 U	0.42 U	0.57 U	0.17 U	--	0.85 U	0.49 U	0.35 U	0.54 U
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
SB-35-04	SB-035	4	4	20040922	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-36-05	SB-036	5	5	20040917	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-4-05	SB-004	5	5	20031120	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
SB-500-0406	SB-500	4	6	20071127	5.6 U	4.4 J	11 U	5.6 U	5.6 U	5.6 U	5.6 U	--	5.6 U	5.6 U	5.6 U	5.6 U
SB-500-0810	SB-500	8	10	20071127	6 U	6 U	12 U	6 U	6 U	6 U	6 U	--	6 U	6 U	6 U	6 U
SB-501-0406	SB-501	4	6	20071127	4800	280 U	550 U	280 U	280 U	280 U	280 U	--	280 U	280 U	17 J	280 U
SB-501-0810	SB-501	8	10	20071127	69000	2900 U	5800 U	2900 U	610 J	2900 U	2900 U	--	2900 U	2900 U	640 J	2900 U
SB-502-0406	SB-502	4	6	20071127	71	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	--	0.46 J	5.8 U	5.8 U	5.8 U
SB-502-0810	SB-502	8	10	20071127	3700	290 U	580 U	290 U	290 U	290 U	290 U	--	290 U	290 U	290 U	290 U
SB-503-0406	SB-503	4	6	20071127	6.1 U	0.92 B	12 U	6.1 U	6.1 U	6.1 U	6.1 U	--	6.1 U	6.1 U	6.1 U	6.1 U
SB-504-0406	SB-504	4	6	20071127	0.95 B	0.95 B	11 U	5.7 U	5.7 U	1.5 J	5.7 U	--	5.7 U	5.7 U	5.7 U	5.7 U
SB-504-0810	SB-504	8	10	20071127	0.63 B	1.2 B	12 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U
SB-5-05	SB-005	5	5	20031120	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-505-0406	SB-505	4	6	20071127	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U
SB-505-0810	SB-505	8	10	20071127	0.45 B	6.3 U	13 U	6.3 U	6.3 U	6.3 U	6.3 U	--	6.3 U	6.3 U	6.3 U	6.3 U
SB-506-0406	SB-506	4	6	20071128	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U
SB-506-0810	SB-506	8	10	20071128	6.4 U	1 B	13 U	6.4 U	6.4 U	6.4 U	6.4 U	--	6.4 U	6.4 U	6.4 U	6.4 U
SB-507-0406	SB-507	4	6	20071128	6.2 U	6.2 U	12 U	6.2 U	6.2 U	6.2 U	6.2 U	--	6.2 U	6.2 U	6.2 U	6.2 U
SB-507-0810	SB-507	8	10	20071128	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U
SB-508-0406	SB-508	4	6	20071128	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U
SB-508-0406-AVG	SB-508	4	6	20071128	5.85 U	5.85 U	12 U	5.85 U	5.85 U	5.85 U	5.85 U	--	5.85 U	5.85 U	5.85 U	5.85 U
SB-508-0406-D	SB-508	4	6	20071128	5.9 U	5.9 U	12 U	5.9 U	5.9 U	5.9 U	5.9 U	--	5.9 U	5.9 U	5.9 U	5.9 U
SB-508-0810	SB-508	8	10	20071128	6 U	6 U	12 U	6 U	6 U	6 U	6 U	--	6 U	6 U	6 U	6 U
SB-509-0406	SB-509	4	6	20071129	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U
SB-509-0810	SB-509	8	10	20071129	5.7 U	5.7 U	11 U	5.7 U	5.7 U	5.7 U	5.7 U	--	5.7 U	5.7 U	5.7 U	5.7 U
SB-510-0406	SB-510	4	6	20071128	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U
SB-510-0810	SB-510	8	10	20071128	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U
SB-510-0810-AVG	SB-510	8	10	20071128	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U
SB-510-0810-D	SB-510	8	10	20071128	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U
SB-511-0406	SB-511	4	6	20071129	5.9 U	5.9 U	12 U	5.9 U	5.9 U	5.9 U	5.9 U	--	5.9 U	5.9 U	5.9 U	5.9 U
SB-511-0810	SB-511	8	10	20071129	6.3 U	6.3 U	13 U	6.3 U	6.3 U	6.3 U	6.3 U	--	6.3 U	6.3 U	6.3 U	6.3 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
EW1-051616	EW1	5	5	20160516	1.4 U	0.81 U	0.38 U	0.86 U	0.33 U	0.52 U	1.5 U	7.2 U	1.1 U	0.42 U
EW2-051616	EW2	5	5	20160516	1.1 U	0.66 U	0.31 U	0.7 U	0.27 U	0.42 U	1.3 U	5.8 U	0.92 U	0.34 U
I-SB-32-09	BLI-SB-32	9	9	20100928	36 U	36 U	7.6 U	17 U	8.4 U	4.1 U	41 U	140 U	10 U	11 U
I-SB-33-07	BLI-SB-33	7	7	20100924	1.4 U	1.4 U	0.41 U	0.65 U	0.42 U	0.22 U	0.56 U	11 B	0.24 U	0.34 U
I-SB-34-03	BLI-SB-34	3	3	20100924	1.3 U	1.3 U	0.39 U	0.61 U	0.4 U	0.2 U	0.52 U	13 B	0.22 U	0.32 U
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	1.5 UJ	1.5 UJ	0.43 U	0.67 UJ	0.44 U	0.22 U	0.57 UJ	6.7 UJ	0.24 U	0.35 U
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	2.7 J	1.2 UJ	0.33 U	0.52 UJ	0.34 U	0.17 U	0.45 UJ	18 J	0.19 U	0.27 U
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	14 J	0.71 UJ	0.33 U	0.76 U	0.29 U	0.46 U	1.4 U	65 U	1 U	0.37 U
PUSTE-030916	PUSTE	2.5	2.5	20160309	4.6 J	0.71 UJ	0.33 U	0.75 U	0.29 U	0.45 U	1.3 U	44	0.99 U	0.36 U
PUSTF-030916	PUSTF	4.4	4.4	20160309	1.2 U	0.71 UJ	0.33 U	0.76 UJ	0.29 U	5.4 J	1.4 U	18 J	1 U	0.37 U
PUSTG-030916	PUSTG	4.3	4.3	20160309	1.3 U	0.74 UJ	0.35 U	0.79 U	0.30 U	0.48 U	1.4 U	9.7 J	1 U	0.38 U
PUSTGBR-030916	PUSTGBR	4	4	20160309	1.4 U	0.79 UJ	0.37 U	0.84 U	0.32 U	0.51 U	1.5 U	8.8 J	1.1 U	0.41 U
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	1 U	--
SB-1-05	SB-001	5	5	20031120	72 U	7 U	7 U	72 U	7 U	7 U	72 U	30 J	7 U	7 U
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	1 U	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	1 U	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	1 U	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	1 U	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	1 U	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	1 U	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	1 U	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	1 U	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	1 U	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	1 U	--
SB-2-05	SB-002	5	5	20031120	67 U	7 U	7 U	67 U	7 U	7 U	67 U	17 J	7 U	7 U
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	1 U	--
SB-3-05	SB-003	5	5	20031120	65 U	7 U	7 U	65 U	7 U	7 U	65 U	12 J	7 U	7 U
SB-35-04	SB-035	4	4	20040922	57 U	6 U	6 U	57 U	6 U	6 U	57 U	57 U	6 U	6 U
SB-36-05	SB-036	5	5	20040917	59 U	6 U	6 U	59 U	6 U	6 U	59 U	59 U	6 U	6 U
SB-4-05	SB-004	5	5	20031120	69 U	7 U	7 U	69 U	7 U	7 U	69 U	35 J	7 U	7 U
SB-500-0406	SB-500	4	6	20071127	11 U	11 U	5.6 U	11 U	5.6 U	5.6 U	11 U	11 U	5.6 U	5.6 U
SB-500-0810	SB-500	8	10	20071127	12 U	12 U	6 U	12 U	6 U	6 U	12 U	12 U	6 U	6 U
SB-501-0406	SB-501	4	6	20071127	550 U	550 U	280 U	550 U	280 U	280 U	550 U	550 U	280 U	280 U
SB-501-0810	SB-501	8	10	20071127	5800 U	5800 U	2900 U	5800 U	2900 U	2900 U	5800 U	5800 U	2900 U	2900 U
SB-502-0406	SB-502	4	6	20071127	12 U	12 U	5.8 U	12 U	5.8 U	5.8 U	12 U	12 J	5.8 U	5.8 U
SB-502-0810	SB-502	8	10	20071127	580 U	580 U	290 U	580 U	290 U	290 U	580 U	580 U	290 U	290 U
SB-503-0406	SB-503	4	6	20071127	12 U	12 U	6.1 U	12 U	6.1 U	6.1 U	12 U	12 U	6.1 U	6.1 U
SB-504-0406	SB-504	4	6	20071127	11 U	11 U	5.7 U	11 U	5.7 U	9	11 U	21 J	0.81 J	5.7 U
SB-504-0810	SB-504	8	10	20071127	4.3 J	12 U	5.8 U	12 U	5.8 U	1.6 J	12 U	74 J	0.78 J	5.8 U
SB-5-05	SB-005	5	5	20031120	64 U	6 U	6 U	64 U	6 U	6 U	64 U	64 UJ	6 U	6 U
SB-505-0406	SB-505	4	6	20071127	12 U	12 U	5.8 U	12 U	5.8 U	5.8 U	12 U	12 U	5.8 U	5.8 U
SB-505-0810	SB-505	8	10	20071127	13 U	13 U	6.3 U	13 U	6.3 U	6.3 U	13 U	13 U	6.3 U	6.3 U
SB-506-0406	SB-506	4	6	20071128	12 U	12 U	5.8 U	12 U	5.8 U	5.8 U	12 U	12 U	5.8 U	5.8 U
SB-506-0810	SB-506	8	10	20071128	13 U	13 U	6.4 U	13 U	6.4 U	6.4 U	13 U	14 J	6.4 U	6.4 U
SB-507-0406	SB-507	4	6	20071128	2.6 J	12 U	6.2 U	12 U	6.2 U	6.2 U	12 U	56 J	6.2 U	6.2 U
SB-507-0810	SB-507	8	10	20071128	12 U	12 U	5.8 U	12 U	5.8 U	5.8 U	12 U	8 J	5.8 U	5.8 U
SB-508-0406	SB-508	4	6	20071128	12 U	12 U	5.8 U	12 U	5.8 U	5.8 U	12 U	12 U	5.8 U	5.8 U
SB-508-0406-AVG	SB-508	4	6	20071128	12 U	12 U	5.85 U	12 U	5.85 U	5.85 U	12 U	12 U	5.85 U	5.85 U
SB-508-0406-D	SB-508	4	6	20071128	12 U	12 U	5.9 U	12 U	5.9 U	5.9 U	12 U	12 U	5.9 U	5.9 U
SB-508-0810	SB-508	8	10	20071128	4.6 J	12 U	6 U	12 U	6 U	6 U	12 U	13 J	6 U	6 U
SB-509-0406	SB-509	4	6	20071129	12 U	12 U	5.8 U	12 U	5.8 U	5.8 U	12 U	10 J	5.8 U	5.8 U
SB-509-0810	SB-509	8	10	20071129	11 U	11 U	5.7 U	11 U	5.7 U	5.7 U	11 U	15 J	5.7 U	5.7 U
SB-510-0406	SB-510	4	6	20071128	12 U	12 U	5.8 U	12 U	5.8 U	5.8 U	12 U	12 U	5.8 U	5.8 U
SB-510-0810	SB-510	8	10	20071128	12 U	12 U	5.8 U	12 U	5.8 U	5.8 U	12 U	8.9 J	5.8 U	5.8 U
SB-510-0810-AVG	SB-510	8	10	20071128	12 U	12 U	5.8 U	12 U	5.8 U	5.8 U	12 U	8.9 J	5.8 U	5.8 U
SB-510-0810-D	SB-510	8	10	20071128	12 U	12 U	5.8 U	12 U	5.8 U	5.8 U	12 U	12 U	5.8 U	5.8 U
SB-511-0406	SB-511	4	6	20071129	12 U	12 U	5.9 U	12 U	5.9 U	5.9 U	12 U	12 J	5.9 U	5.9 U
SB-511-0810	SB-511	8	10	20071129	13 U	13 U	6.3 U	13 U	6.3 U	6.3 U	13 U	19 J	6.3 U	6.3 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
EW1-051616	EW1	5	5	20160516	0.42 U	0.37 U	0.3 U	0.53 U	0.74 UJ	0.82 U	0.67 U	0.47 U	0.56 U	0.45 U	1 U
EW2-051616	EW2	5	5	20160516	0.34 U	0.3 U	0.25 U	0.43 U	0.61 UJ	0.67 U	0.54 U	0.38 U	0.45 U	0.37 U	0.81 U
I-SB-32-09	BLI-SB-32	9	9	20100928	11 U	8.4 U	16 U	25 U	10 U	5.4 U	210	10 U	52 U	7.4 U	12 U
I-SB-33-07	BLI-SB-33	7	7	20100924	0.73 U	0.29 U	0.34 U	0.56 U	0.45 U	0.38 U	0.34 U	0.57 U	0.89 U	0.3 U	0.42 U
I-SB-34-03	BLI-SB-34	3	3	20100924	0.68 U	0.27 U	0.32 U	0.52 U	0.42 U	0.36 U	0.32 U	0.53 U	0.83 U	0.28 U	0.4 U
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	0.75 U	0.3 U	0.35 UJ	0.57 U	0.47 UJ	0.39 U	0.35 U	0.58 U	0.91 U	0.31 U	0.44 U
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	0.59 U	0.23 U	0.27 U	0.45 UJ	1.1 J	0.31 U	0.27 U	0.46 U	0.72 U	0.24 U	0.34 U
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	0.37 U	0.32 U	0.27 U	0.47 U	0.66 U	0.72 U	2.4 J	0.41 U	0.49 U	0.4 U	0.88 U
PUSTE-030916	PUSTE	2.5	2.5	20160309	0.36 U	0.32 U	0.26 U	0.46 U	0.65 U	0.72 U	0.58 U	0.41 U	0.49 U	0.40 U	0.87 U
PUSTF-030916	PUSTF	4.4	4.4	20160309	0.37 U	0.32 U	0.27 U	0.47 U	0.66 U	0.72 U	1.9 J	0.41 U	0.49 U	0.40 U	0.88 U
PUSTG-030916	PUSTG	4.3	4.3	20160309	0.38 U	0.34 U	0.28 U	0.49 U	0.69 U	0.76 U	0.62 U	0.43 U	0.51 U	0.42 U	0.92 U
PUSTGBR-030916	PUSTGBR	4	4	20160309	0.41 U	0.36 U	0.30 U	0.52 U	0.73 U	0.80 U	0.65 U	0.46 U	0.54 U	0.44 U	0.98 U
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
SB-35-04	SB-035	4	4	20040922	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-36-05	SB-036	5	5	20040917	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-4-05	SB-004	5	5	20031120	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
SB-500-0406	SB-500	4	6	20071127	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U
SB-500-0810	SB-500	8	10	20071127	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-501-0406	SB-501	4	6	20071127	280 U	280 U	280 U	280 U	280 U	280 U	280 U	280 U	280 U	280 U	280 U
SB-501-0810	SB-501	8	10	20071127	2900 U	2900 U	2900 U	2900 U	2900 U	2900 U	2900 U	2900 U	2900 U	2900 U	2900 U
SB-502-0406	SB-502	4	6	20071127	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-502-0810	SB-502	8	10	20071127	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U
SB-503-0406	SB-503	4	6	20071127	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U
SB-504-0406	SB-504	4	6	20071127	5.7 U	5.7 U	5.7 U	5.7 U	1.2 J	5.7 U	1.8 J	5.7 U	5.7 U	5.7 U	5.7 U
SB-504-0810	SB-504	8	10	20071127	5.8 U	5.8 U	5.8 U	5.8 U	2.4 J	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-5-05	SB-005	5	5	20031120	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-505-0406	SB-505	4	6	20071127	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-505-0810	SB-505	8	10	20071127	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U
SB-506-0406	SB-506	4	6	20071128	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-506-0810	SB-506	8	10	20071128	6.4 U	6.4 U	6.4 U	6.4 U	4.2 J	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U
SB-507-0406	SB-507	4	6	20071128	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U
SB-507-0810	SB-507	8	10	20071128	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-508-0406	SB-508	4	6	20071128	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-508-0406-AVG	SB-508	4	6	20071128	5.85 U	5.85 U	5.85 U	5.85 U	5.85 U	5.85 U	5.85 U	5.85 U	5.85 U	5.85 U	5.85 U
SB-508-0406-D	SB-508	4	6	20071128	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-508-0810	SB-508	8	10	20071128	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-509-0406	SB-509	4	6	20071129	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-509-0810	SB-509	8	10	20071129	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U
SB-510-0406	SB-510	4	6	20071128	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-510-0810	SB-510	8	10	20071128	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-510-0810-AVG	SB-510	8	10	20071128	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-510-0810-D	SB-510	8	10	20071128	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-511-0406	SB-511	4	6	20071129	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-511-0810	SB-511	8	10	20071129	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	HEXANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
EW1-051616	EW1	5	5	20160516	0.35 U	0.9 U	0.53 U	0.35 U	0.74 U	0.52 U	0.4 U	0.5 U	--	0.25 U	0.53 U	--
EW2-051616	EW2	5	5	20160516	0.29 U	0.73 U	0.43 U	0.29 U	0.61 U	0.42 U	0.33 U	0.41 U	--	0.21 U	0.43 U	--
I-SB-32-09	BLI-SB-32	9	9	20100928	5.8 U	6.7 U	12 U	14 U	42 U	0.19 U	4.6 U	12 U	--	5.5 U	5.2 U	--
I-SB-33-07	BLI-SB-33	7	7	20100924	0.37 U	0.35 U	0.65 U	0.52 U	1.5 U	0.23 U	0.27 U	1.2 U	--	0.17 U	1.2 U	--
I-SB-34-03	BLI-SB-34	3	3	20100924	0.35 U	0.33 U	0.61 U	0.48 U	1.4 U	0.21 U	0.25 U	1.2 U	--	0.15 U	1.2 U	--
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	56	0.36 U	0.67 U	0.53 U	1.6 U	0.23 UJ	0.28 U	1.3 U	--	0.17 U	1.3 U	--
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	63	0.28 U	0.52 U	0.42 U	1.2 U	0.18 U	0.22 U	1 U	--	0.13 U	1 U	--
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	1.9 J	0.79 U	0.47 U	0.31 UJ	0.66 U	0.46 U	0.36 U	0.44 U	--	0.22 U	0.47 U	--
PUSTE-030916	PUSTE	2.5	2.5	20160309	0.48 J	0.78 U	0.46 U	0.31 U	0.65 U	0.45 UJ	0.35 U	0.44 U	--	0.22 U	0.46 U	--
PUSTF-030916	PUSTF	4.4	4.4	20160309	14 J+	0.79 U	0.47 U	0.31 U	0.66 U	0.46 U	0.36 U	0.45 U	--	0.25 J	0.69 J	--
PUSTG-030916	PUSTG	4.3	4.3	20160309	2.8 J	0.82 U	0.49 U	0.33 U	0.69 U	0.48 UJ	0.37 U	0.46 U	--	0.23 U	0.49 U	--
PUSTGBR-030916	PUSTGBR	4	4	20160309	2.6 J	0.88 U	0.52 U	0.35 U	0.73 U	0.51 UJ	0.40 U	0.49 U	--	0.56 J	0.52 U	--
SB-10-05	SB-010	5	5	20031118	--	--	--	--	--	--	1 U	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	7 U	7 U	7 U	7 U	--	--	7 U	7 U	--	7 U	22 U	--
SB-11-05	SB-011	5	5	20031119	--	--	--	--	--	--	1 U	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	--	--	--	--	1 U	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	--	--	--	--	1 U	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	--	--	--	--	1 U	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	--	--	--	--	1 U	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	--	--	--	--	1 U	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	--	--	--	--	1 U	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	--	--	--	--	1 U	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	--	--	--	--	1 U	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	--	--	--	--	1 U	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	7 U	7 U	7 U	7 U	--	--	7 U	7 U	--	7 U	20 U	--
SB-21-05	SB-021	5	5	20031120	--	--	--	--	--	--	1 U	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	7 U	7 U	7 U	7 U	--	--	7 U	7 U	--	7 U	20 U	--
SB-35-04	SB-035	4	4	20040922	6 U	6 U	6 U	6 U	--	--	6 U	--	--	6 U	11 U	--
SB-36-05	SB-036	5	5	20040917	6 U	6 U	6 U	6 U	--	--	6 U	--	--	6 U	12 U	--
SB-4-05	SB-004	5	5	20031120	7 U	7 U	7 U	7 U	--	--	7 U	7 U	--	7 U	21 U	--
SB-500-0406	SB-500	4	6	20071127	5.6 U	5.6 U	5.6 U	5.6 U	11 U	5.6 U	5.6 U	5.6 U	--	5.6 U	2.1 J	--
SB-500-0810	SB-500	8	10	20071127	6 U	6 U	6 U	6 U	12 U	6 U	6 U	6 U	--	6 U	12 U	--
SB-501-0406	SB-501	4	6	20071127	280 U	280 U	280 U	280 U	550 U	280 U	280 U	280 U	--	280 U	550 U	--
SB-501-0810	SB-501	8	10	20071127	2900 U	2900 U	2900 U	2900 U	5800 U	2900 U	2900 U	2900 U	--	2900 U	5800 U	--
SB-502-0406	SB-502	4	6	20071127	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	--	5.8 U	12 U	--
SB-502-0810	SB-502	8	10	20071127	290 U	290 U	290 U	290 U	580 U	290 U	290 U	290 U	--	290 U	580 U	--
SB-503-0406	SB-503	4	6	20071127	6.1 U	6.1 U	6.1 U	6.1 U	12 U	6.1 U	6.1 U	6.1 U	--	6.1 U	12 U	--
SB-504-0406	SB-504	4	6	20071127	5.7 U	5.7 U	5.7 U	5.7 U	11 U	5.7 U	5.7 U	5.7 U	--	0.82 J	11 U	--
SB-504-0810	SB-504	8	10	20071127	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	--	5.8 U	12 U	--
SB-5-05	SB-005	5	5	20031120	6 U	6 U	6 U	6 U	--	--	6 U	6 U	--	6 U	19 U	--
SB-505-0406	SB-505	4	6	20071127	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	--	5.8 U	12 U	--
SB-505-0810	SB-505	8	10	20071127	6.3 U	6.3 U	6.3 U	6.3 U	13 U	6.3 U	6.3 U	6.3 U	--	6.3 U	13 U	--
SB-506-0406	SB-506	4	6	20071128	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	--	5.8 U	12 U	--
SB-506-0810	SB-506	8	10	20071128	6.4 U	6.4 U	6.4 U	6.4 U	13 U	6.4 U	6.4 U	6.4 U	--	6.4 U	13 U	--
SB-507-0406	SB-507	4	6	20071128	6.2 U	6.2 U	6.2 U	6.2 U	12 U	6.2 U	6.2 U	6.2 U	--	6.2 U	12 U	--
SB-507-0810	SB-507	8	10	20071128	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	--	5.8 U	12 U	--
SB-508-0406	SB-508	4	6	20071128	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	--	5.8 U	12 U	--
SB-508-0406-AVG	SB-508	4	6	20071128	5.85 U	5.85 U	5.85 U	5.85 U	12 U	5.85 U	5.85 U	5.85 U	--	5.85 U	12 U	--
SB-508-0406-D	SB-508	4	6	20071128	5.9 U	5.9 U	5.9 U	5.9 U	12 U	5.9 U	5.9 U	5.9 U	--	5.9 U	12 U	--
SB-508-0810	SB-508	8	10	20071128	6 U	6 U	6 U	6 U	12 U	6 U	6 U	6 U	--	6 U	12 U	--
SB-509-0406	SB-509	4	6	20071129	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	--	5.8 U	12 U	--
SB-509-0810	SB-509	8	10	20071129	5.7 U	5.7 U	5.7 U	5.7 U	11 U	5.7 U	5.7 U	5.7 U	--	5.7 U	11 U	--
SB-510-0406	SB-510	4	6	20071128	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	--	5.8 U	12 U	--
SB-510-0810	SB-510	8	10	20071128	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	--	5.8 U	12 U	--
SB-510-0810-AVG	SB-510	8	10	20071128	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	--	5.8 U	12 U	--
SB-510-0810-D	SB-510	8	10	20071128	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	--	5.8 U	12 U	--
SB-511-0406	SB-511	4	6	20071129	5.9 U	5.9 U	5.9 U	5.9 U	12 U	5.9 U	5.9 U	5.9 U	--	5.9 U	12 U	--
SB-511-0810	SB-511	8	10	20071129	6.3 U	6.3 U	6.3 U	6.3 U	13 U	6.3 U	6.3 U	6.3 U	--	6.3 U	13 U	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
EW1-051616	EW1	5	5	20160516	0.54 U	0.93 U	0.44 U	0.74 U	0.76 U	0.72 U	1.1 U	0.5 U	0.54 U	0.85 U	7.2 U	1 U
EW2-051616	EW2	5	5	20160516	0.44 U	0.76 U	0.36 U	0.61 U	0.62 U	0.58 U	0.93 U	0.41 U	0.44 U	0.69 U	5.9 U	0.82 U
I-SB-32-09	BLI-SB-32	9	9	20100928	6 U	65 U	5.7 U	6.8 U	12 U	7.2 U	4 U	4.7 U	0.31 U	5.5 U	200 UR	10 U
I-SB-33-07	BLI-SB-33	7	7	20100924	0.44 U	0.69 U	0.2 U	0.24 U	0.41 U	0.36 U	0.19 U	0.15 U	0.38 U	0.3 U	7.8 UR	0.54 U
I-SB-34-03	BLI-SB-34	3	3	20100924	0.41 U	0.65 U	0.18 U	0.22 U	0.39 U	0.34 U	0.17 U	0.14 U	0.36 U	0.28 U	7.3 UR	0.5 U
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	0.46 U	1.1 J	0.2 U	0.24 U	0.43 U	0.37 U	0.19 U	0.16 U	0.39 UJ	0.31 U	8.1 UJ	0.55 U
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	0.36 U	0.56 U	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U	0.12 U	0.31 U	0.24 U	6.3 UJ	0.43 U
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	--	--
PIPE-051616	PIPE	3	3	20160516	0.48 U	9.3 U	0.39 U	0.66 U	0.67 U	0.63 U	1 U	0.44 U	0.48 U	0.74 U	6.3 UJ	0.89 U
PUSTE-030916	PUSTE	2.5	2.5	20160309	0.47 U	3.7 U	0.39 UJ	0.65 U	0.66 U	0.63 U	1 U	0.44 U	0.47 U	0.74 U	6.3 U	0.88 U
PUSTF-030916	PUSTF	4.4	4.4	20160309	0.48 U	0.82 U	0.39 UJ	0.74 J	0.67 U	0.64 U	1 U	0.45 U	0.48 U	0.75 U	6.4 UJ	0.89 U
PUSTG-030916	PUSTG	4.3	4.3	20160309	0.50 U	3.3 U	0.41 UJ	0.69 U	0.70 U	0.66 U	1.1 U	0.46 U	0.50 U	0.78 U	6.6 U	0.93 U
PUSTGBR-030916	PUSTGBR	4	4	20160309	0.53 U	3.4 U	0.59 J	0.73 U	0.74 U	0.70 U	1.1 U	0.49 U	0.53 U	0.83 U	7 U	0.99 U
SB-10-05	SB-010	5	5	20031118	--	--	1 U	--	--	--	--	--	--	--	--	--
SB-1-05	SB-001	5	5	20031120	7 U	12 J	7 U	7 U	7 U	22 U	7 U	7 U	--	7 U	--	7 U
SB-11-05	SB-011	5	5	20031119	--	--	1 U	--	--	--	--	--	--	--	--	--
SB-12-05	SB-012	5	5	20031119	--	--	1 U	--	--	--	--	--	--	--	--	--
SB-13-05	SB-013	5	5	20031119	--	--	1 U	--	--	--	--	--	--	--	--	--
SB-14-05	SB-014	5	5	20031119	--	--	1 U	--	--	--	--	--	--	--	--	--
SB-15-05	SB-015	5	5	20031119	--	--	2	--	--	--	--	--	--	--	--	--
SB-16-05	SB-016	5	5	20031119	--	--	1 U	--	--	--	--	--	--	--	--	--
SB-17-05	SB-017	5	5	20031119	--	--	1 U	--	--	--	--	--	--	--	--	--
SB-18-05	SB-018	5	5	20031119	--	--	1 U	--	--	--	--	--	--	--	--	--
SB-19-05	SB-019	5	5	20031121	--	--	1 U	--	--	--	--	--	--	--	--	--
SB-20-05	SB-020	5	5	20031120	--	--	1 U	--	--	--	--	--	--	--	--	--
SB-2-05	SB-002	5	5	20031120	7 U	7 U	7 U	7 U	7 U	20 U	7 U	7 U	--	7 U	--	7 U
SB-21-05	SB-021	5	5	20031120	--	--	1 U	--	--	--	--	--	--	--	--	--
SB-3-05	SB-003	5	5	20031120	7 U	9 J	7 U	7 U	7 U	20 U	7 U	7 U	--	7 U	--	7 U
SB-35-04	SB-035	4	4	20040922	6 U	7 J	6 U	6 U	6 U	6 U	6 U	6 U	--	6 U	--	6 U
SB-36-05	SB-036	5	5	20040917	6 U	8 J	6 U	6 U	6 U	6 U	6 U	6 U	--	6 U	--	6 U
SB-4-05	SB-004	5	5	20031120	7 U	11 J	7 U	7 U	7 U	21 U	7 U	7 U	--	7 U	--	7 U
SB-500-0406	SB-500	4	6	20071127	11 U	1.4 B	2.6 B	5.6 U	5.6 U	1.3 J	5.6 U	5.6 U	5.6 U	5.6 U	110 UR	5.6 U
SB-500-0810	SB-500	8	10	20071127	12 U	3 B	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	120 UR	6 U
SB-501-0406	SB-501	4	6	20071127	550 U	280 U	280 U	280 U	280 U	280 U	280 U	280 U	280 U	280 U	5500 UR	280 U
SB-501-0810	SB-501	8	10	20071127	5800 U	2900 U	2900 U	2900 U	2900 U	2900 U	2900 U	2900 U	2900 U	2900 U	58000 UR	2900 U
SB-502-0406	SB-502	4	6	20071127	12 U	2.7 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U
SB-502-0810	SB-502	8	10	20071127	580 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	5800 UR	290 U
SB-503-0406	SB-503	4	6	20071127	12 U	3.3 B	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	120 UR	6.1 U
SB-504-0406	SB-504	4	6	20071127	11 U	3.4 B	1.3 B	5.7 U	5.7 U	1.4 J	5.7 U	5.7 U	5.7 U	5.7 U	110 UR	5.7 U
SB-504-0810	SB-504	8	10	20071127	12 U	3.7 B	2.4 B	5.8 U	5.8 U	0.8 J	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U
SB-5-05	SB-005	5	5	20031120	6 U	10 J	6 U	6 U	6 U	19 U	6 U	6 U	--	6 U	--	6 U
SB-505-0406	SB-505	4	6	20071127	12 U	3.1 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U
SB-505-0810	SB-505	8	10	20071127	13 U	2.5 B	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	130 UR	6.3 U
SB-506-0406	SB-506	4	6	20071128	12 U	2.3 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U
SB-506-0810	SB-506	8	10	20071128	13 U	1.8 B	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	130 UR	6.4 U
SB-507-0406	SB-507	4	6	20071128	12 U	6.5 B	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	120 UR	6.2 U
SB-507-0810	SB-507	8	10	20071128	12 U	5.3 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U
SB-508-0406	SB-508	4	6	20071128	12 U	7.1 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U
SB-508-0406-AVG	SB-508	4	6	20071128	12 U	6.25 U	5.85 U	5.85 U	5.85 U	5.85 U	5.85 U	5.85 U	5.85 U	5.85 U	120 R	5.85 U
SB-508-0406-D	SB-508	4	6	20071128	12 U	5.4 B	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	120 UR	5.9 U
SB-508-0810	SB-508	8	10	20071128	12 U	7.2 B	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	120 UR	6 U
SB-509-0406	SB-509	4	6	20071129	12 U	4.8 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U
SB-509-0810	SB-509	8	10	20071129	11 U	4.3 B	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	110 UR	5.7 U
SB-510-0406	SB-510	4	6	20071128	12 U	5.2 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U
SB-510-0810	SB-510	8	10	20071128	12 U	4.5 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U
SB-510-0810-AVG	SB-510	8	10	20071128	12 U	4.5 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 R	5.8 U
SB-510-0810-D	SB-510	8	10	20071128	12 U	4.5 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U
SB-511-0406	SB-511	4	6	20071129	12 U	5.6 B	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	120 UR	5.9 U
SB-511-0810	SB-511	8	10	20071129	13 U	5.7 B	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	130 UR	6.3 U

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
EW1-051616	EW1	5	5	20160516	--	0.34 U	0.68 U	0 U	0.4 U	0.37 U	0.48 U	0.37 U	0.83 U	0.38 U	NORMAL
EW2-051616	EW2	5	5	20160516	--	0.28 U	0.55 U	0 U	0.33 U	0.3 U	0.39 U	0.3 U	0.68 U	0.31 U	NORMAL
I-SB-32-09	BLI-SB-32	9	9	20100928	--	14 U	6.9 U	--	7.8 U	17 U	8.2 U	14 U	19 U	15 U	NORMAL
I-SB-33-07	BLI-SB-33	7	7	20100924	--	0.48 J	0.69 U	--	0.42 U	0.56 U	0.43 U	0.35 U	0.26 U	0.4 U	NORMAL
I-SB-34-03	BLI-SB-34	3	3	20100924	--	0.5 J	0.65 U	--	0.4 U	0.52 U	0.4 U	0.33 U	0.24 U	0.38 U	NORMAL
MRC-E-SB-1360-10	E-SB-1360	8	10	20140416	--	0.29 U	0.37 U	--	0.44 U	0.57 U	110	0.36 U	0.27 UJ	0.55 J	NORMAL
MRC-E-SB-1360-5	E-SB-1360	3	5	20140416	--	0.22 U	0.29 U	--	0.41 J	0.45 U	150	0.28 U	0.21 U	3.1 J	NORMAL
MRC-MW43[0910]	MRC-MW43A	9	10	20050517	--	--	--	--	--	--	--	--	--	--	NORMAL
PIPE-051616	PIPE	3	3	20160516	--	1.8 J	0.6 U	0 U	0.36 U	0.32 U	0.42 U	0.32 U	0.73 U	0.33 U	NORMAL
PUSTE-030916	PUSTE	2.5	2.5	20160309	--	0.30 U	0.60 U	0.00 U	0.35 U	0.32 U	0.52 J	0.32 U	0.73 U	0.33 U	NORMAL
PUSTF-030916	PUSTF	4.4	4.4	20160309	--	0.70 J	0.69 J	0.69	1.1 J	0.32 UJ	52 J+	0.32 U	0.74 UJ	7.3 J+	NORMAL
PUSTG-030916	PUSTG	4.3	4.3	20160309	--	0.31 U	0.63 U	0.00 U	2.6 J	0.34 U	1.5 J	0.34 U	0.77 U	1.3 J	NORMAL
PUSTGBR-030916	PUSTGBR	4	4	20160309	--	0.33 U	0.67 U	0.00 U	2.7 J	0.36 U	7.3	0.36 U	0.81 U	0.37 U	NORMAL
SB-10-05	SB-010	5	5	20031118	--	1 U	1 U	--	--	--	--	--	--	--	NORMAL
SB-1-05	SB-001	5	5	20031120	--	7 U	--	--	7 U	7 U	7 U	7 U	7 U	7 U	NORMAL
SB-11-05	SB-011	5	5	20031119	--	1 U	1 U	--	--	--	--	--	--	--	NORMAL
SB-12-05	SB-012	5	5	20031119	--	1 U	1 U	--	--	--	--	--	--	--	NORMAL
SB-13-05	SB-013	5	5	20031119	--	1 U	1 U	--	--	--	--	--	--	--	NORMAL
SB-14-05	SB-014	5	5	20031119	--	1 U	1 U	--	--	--	--	--	--	--	NORMAL
SB-15-05	SB-015	5	5	20031119	--	1 U	3	--	--	--	--	--	--	--	NORMAL
SB-16-05	SB-016	5	5	20031119	--	1 U	1 U	--	--	--	--	--	--	--	NORMAL
SB-17-05	SB-017	5	5	20031119	--	1 U	1 U	--	--	--	--	--	--	--	NORMAL
SB-18-05	SB-018	5	5	20031119	--	1 U	1 U	--	--	--	--	--	--	--	NORMAL
SB-19-05	SB-019	5	5	20031121	--	1 U	1 U	--	--	--	--	--	--	--	NORMAL
SB-20-05	SB-020	5	5	20031120	--	1 U	1 U	--	--	--	--	--	--	--	NORMAL
SB-2-05	SB-002	5	5	20031120	--	7 U	--	--	7 U	7 U	7 U	7 U	7 U	7 U	NORMAL
SB-21-05	SB-021	5	5	20031120	--	1 U	1 U	--	--	--	--	--	--	--	NORMAL
SB-3-05	SB-003	5	5	20031120	--	7 U	--	--	7 U	7 U	7 U	7 U	7 U	7 U	NORMAL
SB-35-04	SB-035	4	4	20040922	--	6 U	--	--	6 U	6 U	6 U	6 U	6 U	6 U	NORMAL
SB-36-05	SB-036	5	5	20040917	--	6 U	--	--	6 U	6 U	6 U	6 U	6 U	6 U	NORMAL
SB-4-05	SB-004	5	5	20031120	--	7 U	--	--	7 U	7 U	7 U	7 U	7 U	7 U	NORMAL
SB-500-0406	SB-500	4	6	20071127	--	0.49 J	3.4 J	--	5.6 U	5.6 U	5.6 U	5.6 U	11 U	5.6 U	NORMAL
SB-500-0810	SB-500	8	10	20071127	--	6 U	12 U	--	6 U	6 U	6 U	6 U	12 U	6 U	NORMAL
SB-501-0406	SB-501	4	6	20071127	--	280 U	550 U	--	280 U	280 U	280 U	280 U	550 U	280 U	NORMAL
SB-501-0810	SB-501	8	10	20071127	--	2900 U	5800 U	--	2900 U	2900 U	2900 U	2900 U	5800 U	2900 U	NORMAL
SB-502-0406	SB-502	4	6	20071127	--	5.8 U	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	NORMAL
SB-502-0810	SB-502	8	10	20071127	--	290 U	580 U	--	290 U	290 U	290 U	290 U	580 U	290 U	NORMAL
SB-503-0406	SB-503	4	6	20071127	--	6.1 U	12 U	--	6.1 U	6.1 U	6.1 U	6.1 U	12 U	6.1 U	NORMAL
SB-504-0406	SB-504	4	6	20071127	--	0.59 J	2.2 J	--	5.7 U	5.7 U	5.7 U	5.7 U	11 U	0.64 J	NORMAL
SB-504-0810	SB-504	8	10	20071127	--	0.47 J	1.5 J	--	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	NORMAL
SB-5-05	SB-005	5	5	20031120	--	6 U	--	--	6 U	6 U	6 U	6 U	6 U	6 U	NORMAL
SB-505-0406	SB-505	4	6	20071127	--	5.8 U	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	NORMAL
SB-505-0810	SB-505	8	10	20071127	--	6.3 U	13 U	--	6.3 U	6.3 U	6.3 U	6.3 U	13 U	6.3 U	NORMAL
SB-506-0406	SB-506	4	6	20071128	--	5.8 U	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	NORMAL
SB-506-0810	SB-506	8	10	20071128	--	6.4 U	13 U	--	6.4 U	6.4 U	6.4 U	6.4 U	13 U	6.4 U	NORMAL
SB-507-0406	SB-507	4	6	20071128	--	6.2 U	12 U	--	6.2 U	6.2 U	6.2 U	6.2 U	12 U	6.2 U	NORMAL
SB-507-0810	SB-507	8	10	20071128	--	5.8 U	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	NORMAL
SB-508-0406	SB-508	4	6	20071128	--	5.8 U	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	NORMAL
SB-508-0406-AVG	SB-508	4	6	20071128	--	5.85 U	12 U	--	5.85 U	5.85 U	5.85 U	5.85 U	12 U	5.85 U	NORMAL
SB-508-0406-D	SB-508	4	6	20071128	--	5.9 U	12 U	--	5.9 U	5.9 U	5.9 U	5.9 U	12 U	5.9 U	NORMAL
SB-508-0810	SB-508	8	10	20071128	--	6 U	12 U	--	6 U	6 U	6 U	6 U	12 U	6 U	NORMAL
SB-509-0406	SB-509	4	6	20071129	--	5.8 U	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	12 UJ	5.8 U	NORMAL
SB-509-0810	SB-509	8	10	20071129	--	5.7 U	11 U	--	5.7 U	5.7 U	5.7 U	5.7 U	11 UJ	5.7 U	NORMAL
SB-510-0406	SB-510	4	6	20071128	--	5.8 U	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	NORMAL
SB-510-0810	SB-510	8	10	20071128	--	5.8 U	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	NORMAL
SB-510-0810-AVG	SB-510	8	10	20071128	--	5.8 U	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	NORMAL
SB-510-0810-D	SB-510	8	10	20071128	--	5.8 U	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	NORMAL
SB-511-0406	SB-511	4	6	20071129	--	5.9 U	12 U	--	5.9 U	5.9 U	5.9 U	5.9 U	12 U	5.9 U	NORMAL
SB-511-0810	SB-511	8	10	20071129	--	6.3 U	13 U	--	6.3 U	6.3 U	6.3 U	6.3 U	13 U	6.3 U	NORMAL

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
SB-512-0406	SB-512	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.15 L	0.59 J	12.5 K	0.96
SB-512-0810	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.083 L	0.76 J	17.9 J	0.77
SB-512-0810-AVG	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.111	1.08	25.2	0.735
SB-512-0810-D	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.14 L	1.4 L	32.5 J	0.7
SB-513-0406	SB-513	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.056 L	2.3 J	8.9 K	0.3
SB-513-0810	SB-513	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 UL	0.46 J	1.9 K	0.076
SB-514-0406	SB-514	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.092 L	0.39 J	12.4 K	2.7
SB-514-0810	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.22 L	1.3 J	11.6 K	3.7
SB-514-0810-AVG	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.2	0.86	11.45	3
SB-514-0810-D	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.18 J	0.42 L	11.3	2.3
SB-515-0406	SB-515	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.17 J	0.62 L	7.8	3.3
SB-515-0810	SB-515	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.11 B	0.22 L	10.4	4.4
SB-517-0406	SB-517	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.26 J	0.55 L	8.2	2.4
SB-517-0810	SB-517	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.2 L	0.75 L	12.9	1.5
SB-518-0406	SB-518	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.21 J	2.2 L	13.3	1.4
SB-518-0810	SB-518	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.037 B	0.43 L	4.3	0.48
SB-519-0406	SB-519	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.18 J	0.61 L	10.9	1.2
SB-519-0810	SB-519	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.078 B	1.2 L	1.6	0.65
SB-520-0406	SB-520	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.082 B	1.2 L	9	1.9
SB-520-0810	SB-520	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.13 J	1.3 L	6.7	1.8
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-233	URANIUM-234	URANIUM-235
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
SB-512-0406	SB-512	4	6	20071129	0.019 K	8.5 J	3	10.3 J	15200	3.6 J	33.5 L	0.019 UL	0.08 B	11.5 J	0.53 L	0.066	0.053 B	--	--	--	--	--
SB-512-0810	SB-512	8	10	20071129	0.55	8.9 J	2.2	11.3 J	9820	8.6 J	68.2 L	0.021 UL	0.28 B	8 J	0.54 L	0.057	0.033 B	--	--	--	--	--
SB-512-0810-AVG	SB-512	8	10	20071129	0.3085	9	2.15	10.25	9510	8.15	107.1	0.021 U	0.295 U	7.4	0.435	0.0635	0.028 K	--	--	--	--	--
SB-512-0810-D	SB-512	8	10	20071129	0.067 K	9.1 J	2.1 J	9.2 L	9200	7.7 L	146 J	0.021 UL	0.31 B	6.8 L	0.33 L	0.07	0.028 K	--	--	--	--	--
SB-513-0406	SB-513	4	6	20071129	0.009 B	7.8 J	4	3.5 J	8600	3.2 J	47 L	0.02 UL	0.094 B	2.8 J	0.19 UL	0.03	0.035 B	--	--	--	--	--
SB-513-0810	SB-513	8	10	20071129	0.0037 B	2.3 J	0.98	1 J	2310	0.71 J	8.8 L	0.019 UL	0.077 UL	0.76 J	0.19 UL	0.0079 B	0.005 B	--	--	--	--	--
SB-514-0406	SB-514	4	6	20071129	0.029 K	11.7 J	9.1	16.1 J	40100	3.5 J	280 L	0.02 UL	0.08 UL	16.7 J	0.19 UL	0.089	0.041 B	--	--	--	--	--
SB-514-0810	SB-514	8	10	20071129	0.024 K	11.1 J	8.8	11.7 J	51200	5.6 J	225 L	0.02 UL	0.09 B	15.9 J	0.19 UL	0.11 K	0.061 B	--	--	--	--	--
SB-514-0810-AVG	SB-514	8	10	20071129	0.057	10.9	7.65	11.05	42200	4.6	205.5	0.02 U	0.12 U	15.1	0.19 U	0.098	0.041 K	--	--	--	--	--
SB-514-0810-D	SB-514	8	10	20071129	0.09 K	10.7 J	6.5 J	10.4 L	33200	3.6 L	186 L	0.02 UL	0.15 B	14.3 L	0.19 UL	0.086 K	0.041 K	--	--	--	--	--
SB-515-0406	SB-515	4	6	20071129	0.012 B	9.1 J	4.3 J	28.7 L	28700	2.8 L	106 L	0.02 UL	0.16 B	18.7 L	0.19 UL	0.087 K	0.034 K	--	--	--	--	--
SB-515-0810	SB-515	8	10	20071129	0.02 K	10.6 J	6.2 J	11.2 L	22600	3.2 L	277 L	0.021 UL	0.083 B	11.9 L	0.2 UL	0.079	0.038 K	--	--	--	--	--
SB-517-0406	SB-517	4	6	20071130	0.019 K	7.7 J	4.9 J	14.7 L	28700	3.5 L	93.3 L	0.02 UL	0.08 UL	16.3 L	1.8 L	0.12	0.046 K	--	--	--	--	--
SB-517-0810	SB-517	8	10	20071130	0.12 K	11.3 J	4.6 J	15.2 L	18400	7.9 L	53 L	0.02 UL	0.3 B	11.2 L	0.58 L	0.073	0.035 K	--	--	--	--	--
SB-518-0406	SB-518	4	6	20071130	0.15 K	13.2 J	3.7 J	16.2 L	23400	4 L	45.5 L	0.02 UL	0.19 B	9.3 L	0.61 L	0.088	0.048 K	--	--	--	--	--
SB-518-0810	SB-518	8	10	20071130	0.0051 B	4.4 J	2.8 J	6.7 L	8620	2 L	28.1 L	0.022 UL	0.086 UL	3.8 L	0.21 UL	0.036	0.02 B	--	--	--	--	--
SB-519-0406	SB-519	4	6	20071130	0.037 K	7.7 J	2.8 J	10.2 L	18300	3.4 L	26.1 L	0.019 UL	0.093 B	9.7 L	0.57 L	0.087	0.043 K	--	--	--	--	--
SB-519-0810	SB-519	8	10	20071130	0.0092 B	4.5 J	1.6 J	12.4 L	9720	1.2 L	21.3 L	0.019 UL	0.089 B	2.6 L	0.19 UL	0.047	0.008 B	--	--	--	--	--
SB-520-0406	SB-520	4	6	20071130	0.031 K	9.4 J	5.3 J	7.5 L	14200	3.6 L	41.7 L	0.02 UL	0.094 B	14.4 L	0.23 L	0.067	0.042 K	--	--	--	--	--
SB-520-0810	SB-520	8	10	20071130	0.031 K	6.6 J	3.6 J	8.4 L	13500	2.5 L	32 L	0.02 UL	0.14 B	8.3 L	0.19 UL	0.049	0.021 K	--	--	--	--	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)
SB-512-0406	SB-512	4	6	20071129	--	--	12.6 J	12	87.7	--	--	--	--	--	--	--	--	--
SB-512-0810	SB-512	8	10	20071129	--	--	12.4 J	13.5	79.7	--	--	--	--	--	--	--	--	--
SB-512-0810-AVG	SB-512	8	10	20071129	--	--	13.6	14.6	79.55	--	--	--	--	--	--	--	--	--
SB-512-0810-D	SB-512	8	10	20071129	--	--	14.8 J	15.7	79.4	--	--	--	--	--	--	--	--	--
SB-513-0406	SB-513	4	6	20071129	--	--	12.3 J	9.3 B	85.2	--	--	--	--	--	--	--	--	--
SB-513-0810	SB-513	8	10	20071129	--	--	3 J	5.5 B	85.6	--	--	--	--	--	--	--	--	--
SB-514-0406	SB-514	4	6	20071129	--	--	15.2 J	35.3	82.7	--	--	--	--	--	--	--	--	--
SB-514-0810	SB-514	8	10	20071129	--	--	16.5 J	62.3	84.4	--	--	--	--	--	--	--	--	--
SB-514-0810-AVG	SB-514	8	10	20071129	--	--	13.85	50	84.6	--	--	--	--	--	--	--	--	--
SB-514-0810-D	SB-514	8	10	20071129	--	--	11.2 J	37.7	84.8	--	--	--	--	--	--	--	--	--
SB-515-0406	SB-515	4	6	20071129	--	--	13.5 J	58	82.6	--	--	--	--	--	--	--	--	--
SB-515-0810	SB-515	8	10	20071129	--	--	11.5 J	28.6	80.8	--	--	--	--	--	--	--	--	--
SB-517-0406	SB-517	4	6	20071130	--	--	12.7 J	19.1	82.5	--	--	--	--	--	--	--	--	--
SB-517-0810	SB-517	8	10	20071130	--	--	15.1 J	41.3	82.6	--	--	--	--	--	--	--	--	--
SB-518-0406	SB-518	4	6	20071130	--	--	21.1 J	26.7	83.1	--	--	--	--	--	--	--	--	--
SB-518-0810	SB-518	8	10	20071130	--	--	6.9 J	19.8	76.9	--	--	--	--	--	--	--	--	--
SB-519-0406	SB-519	4	6	20071130	--	--	11.5 J	20.2	86.1	--	--	--	--	--	--	--	--	--
SB-519-0810	SB-519	8	10	20071130	--	--	5.1 J	13.1	86.2	--	--	--	--	--	--	--	--	--
SB-520-0406	SB-520	4	6	20071130	--	--	16.6 J	30.4	82.4	--	--	--	--	--	--	--	--	--
SB-520-0810	SB-520	8	10	20071130	--	--	13.2 J	21	82.9	--	--	--	--	--	--	--	--	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	84	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	82	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	84	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	87	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	85	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	86	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	88	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	84	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	81	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	86	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	85	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	91	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	92	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	87	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	83	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	85	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	86	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	91	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	86	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	86	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	87	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	86	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	81	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	94	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	88	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	87	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	89	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	89	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	91	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	88	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	87	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	88	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	89	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	86	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	87	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	84	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268
					PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
SB-512-0406	SB-512	4	6	20071129	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	38 U	38 U	--	--
SB-512-0810	SB-512	8	10	20071129	--	--	--	--	--	41 U	41 U	41 U	41 U	41 U	41 U	18 J	--	--
SB-512-0810-AVG	SB-512	8	10	20071129	--	--	--	--	--	41.5 U	41.5 U	41.5 U	41.5 U	41.5 U	41.5 U	35.5	--	--
SB-512-0810-D	SB-512	8	10	20071129	--	--	--	--	--	42 U	42 U	42 U	42 U	42 U	42 U	53 J	--	--
SB-513-0406	SB-513	4	6	20071129	--	--	--	--	--	39 U	39 U	39 U	39 U	39 U	39 U	39 U	--	--
SB-513-0810	SB-513	8	10	20071129	--	--	--	--	--	39 U	39 U	39 U	39 U	39 U	39 U	39 U	--	--
SB-514-0406	SB-514	4	6	20071129	--	--	--	--	--	40 U	40 U	40 U	40 U	40 U	40 U	40 U	--	--
SB-514-0810	SB-514	8	10	20071129	--	--	--	--	--	39 U	39 U	39 U	39 U	39 U	39 U	39 U	--	--
SB-514-0810-AVG	SB-514	8	10	20071129	--	--	--	--	--	39 U	39 U	39 U	39 U	39 U	39 U	39 U	--	--
SB-514-0810-D	SB-514	8	10	20071129	--	--	--	--	--	39 U	39 U	39 U	39 U	39 U	39 U	39 U	--	--
SB-515-0406	SB-515	4	6	20071129	--	--	--	--	--	40 U	40 U	40 U	40 U	40 U	40 U	40 U	--	--
SB-515-0810	SB-515	8	10	20071129	--	--	--	--	--	41 U	41 U	41 U	41 U	41 U	41 U	19 J	--	--
SB-517-0406	SB-517	4	6	20071130	--	--	--	--	--	40 U	40 U	40 U	40 U	40 U	40 U	40 U	--	--
SB-517-0810	SB-517	8	10	20071130	--	--	--	--	--	40 U	40 U	40 U	40 U	40 U	40 U	190	--	--
SB-518-0406	SB-518	4	6	20071130	--	--	--	--	--	40 U	40 U	40 U	40 U	40 U	40 U	40 U	--	--
SB-518-0810	SB-518	8	10	20071130	--	--	--	--	--	43 U	43 U	43 U	43 U	43 U	43 U	43 U	--	--
SB-519-0406	SB-519	4	6	20071130	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	38 U	38 U	--	--
SB-519-0810	SB-519	8	10	20071130	--	--	--	--	--	38 U	38 U	38 U	38 U	38 U	38 U	38 U	--	--
SB-520-0406	SB-520	4	6	20071130	--	--	--	--	--	40 U	40 U	40 U	40 U	40 U	40 U	40 U	--	--
SB-520-0810	SB-520	8	10	20071130	--	--	--	--	--	40 U	40 U	40 U	40 U	40 U	40 U	40 U	--	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	910 U	910 U	910 U	910 U	910 U	9800	7800	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	18 U	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	250	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	27	18 U	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	140	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	18 U	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	18 U	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	180	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
					PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)
SB-512-0406	SB-512	4	6	20071129	0 U	133	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810	SB-512	8	10	20071129	18	141	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-AVG	SB-512	8	10	20071129	35.5	160	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-D	SB-512	8	10	20071129	53	179	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0406	SB-513	4	6	20071129	0 U	136.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0810	SB-513	8	10	20071129	0 U	136.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0406	SB-514	4	6	20071129	0 U	140	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810	SB-514	8	10	20071129	0 U	136.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-AVG	SB-514	8	10	20071129	0 U	136.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-D	SB-514	8	10	20071129	0 U	136.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0406	SB-515	4	6	20071129	0 U	140	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0810	SB-515	8	10	20071129	19	142	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0406	SB-517	4	6	20071130	0 U	140	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0810	SB-517	8	10	20071130	190	310	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0406	SB-518	4	6	20071130	0 U	140	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0810	SB-518	8	10	20071130	0 U	150.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0406	SB-519	4	6	20071130	0 U	133	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0810	SB-519	8	10	20071130	0 U	133	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0406	SB-520	4	6	20071130	0 U	140	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0810	SB-520	8	10	20071130	0 U	140	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-4	SB-541A	4	4	20081111	0 U	70	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	0 U	70	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	0 U	70	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	0 U	70	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	0 U	70	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	0 U	70	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	17600	19875	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	0 U	63	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	250	307	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	27	81	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	140	197	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	0 U	63	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	0 U	63	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	180	237	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	0 U	70	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE
					PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
SB-512-0406	SB-512	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	6100 B	--
SB-512-0810	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	21000 B	--
SB-512-0810-AVG	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	16750	--
SB-512-0810-D	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	23000	--
SB-513-0406	SB-513	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	8400 B	--
SB-513-0810	SB-513	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	990 B	--
SB-514-0406	SB-514	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	9100 B	--
SB-514-0810	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	8300 B	--
SB-514-0810-AVG	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	5500 U	--
SB-514-0810-D	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	2700 B	--
SB-515-0406	SB-515	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	2000 B	--
SB-515-0810	SB-515	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	2200 B	--
SB-517-0406	SB-517	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	1600 B	--
SB-517-0810	SB-517	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	1800 B	--
SB-518-0406	SB-518	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	1800 B	--
SB-518-0810	SB-518	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	1700 B	--
SB-519-0406	SB-519	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	1500 B	--
SB-519-0810	SB-519	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	1300 B	--
SB-520-0406	SB-520	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	1300 B	--
SB-520-0810	SB-520	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	1100 B	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
SB-512-0406	SB-512	4	6	20071129	380 U	380 U	380 U	380 U	380 U	380 U	155.37274	380 U	380 U	380 U	380 U
SB-512-0810	SB-512	8	10	20071129	410 U	410 U	410 U	410 U	303.029	95.979	124.86536	63 J	75 J	98 J	68 J
SB-512-0810-AVG	SB-512	8	10	20071129	63 J	35 J	18 J	58 J	379.4445	275.9195	290.36268	171.5	192.5	234	159
SB-512-0810-D	SB-512	8	10	20071129	63 J	35 J	18 J	58 J	455.86	455.86	455.86	280 J	310 J	370 J	250 J
SB-513-0406	SB-513	4	6	20071129	390 U	390 U	390 U	390 U	432.145	1	110.95912	390 U	390 U	10 J	390 U
SB-513-0810	SB-513	8	10	20071129	390 U	390 U	390 U	390 U	390 U	390 U	130.29624	390 U	390 U	390 U	390 U
SB-514-0406	SB-514	4	6	20071129	400 U	400 U	400 U	400 U	400 U	400 U	67.44875	400 U	400 U	400 U	400 U
SB-514-0810	SB-514	8	10	20071129	390 U	390 U	390 U	390 U	390 U	390 U	140.18297	390 U	390 U	390 U	390 U
SB-514-0810-AVG	SB-514	8	10	20071129	390 U	390 U	390 U	390 U	390 U	390 U	145.64064	390 U	390 U	390 U	390 U
SB-514-0810-D	SB-514	8	10	20071129	390 U	390 U	390 U	390 U	390 U	390 U	151.09831	390 U	390 U	390 U	390 U
SB-515-0406	SB-515	4	6	20071129	400 U	400 U	400 U	400 U	400 U	400 U	73.187313	400 U	400 U	400 U	400 U
SB-515-0810	SB-515	8	10	20071129	410 U	410 U	410 U	410 U	454.655	1.4	44.980433	410 U	410 U	14 J	410 U
SB-517-0406	SB-517	4	6	20071130	400 U	400 U	400 U	400 U	400 U	400 U	79.404499	400 U	400 U	400 U	400 U
SB-517-0810	SB-517	8	10	20071130	400 U	400 U	400 U	400 U	239.592	39.592	94.003472	29 J	30 J	48 J	21 J
SB-518-0406	SB-518	4	6	20071130	400 U	400 U	400 U	400 U	400 U	400 U	97.606972	400 U	400 U	400 U	400 U
SB-518-0810	SB-518	8	10	20071130	430 U	430 U	430 U	430 U	430 U	430 U	49.079041	430 U	430 U	430 U	430 U
SB-519-0406	SB-519	4	6	20071130	380 U	380 U	380 U	380 U	380 U	380 U	194.79915	380 U	380 U	380 U	380 U
SB-519-0810	SB-519	8	10	20071130	380 U	380 U	380 U	380 U	380 U	380 U	220.08479	380 U	380 U	380 U	380 U
SB-520-0406	SB-520	4	6	20071130	400 U	400 U	400 U	400 U	400 U	400 U	106.01586	400 U	400 U	400 U	400 U
SB-520-0810	SB-520	8	10	20071130	400 U	400 U	400 U	400 U	424.0692	2.0692	95.759591	8.6 J	400 U	12 J	400 U
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
SB-512-0406	SB-512	4	6	20071129	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	0 U	--
SB-512-0810	SB-512	8	10	20071129	410 U	79 J	410 U	120 J	410 U	48 J	410 U	90 J	140 J	781	--
SB-512-0810-AVG	SB-512	8	10	20071129	150 J	219.5	61 J	360	17 J	114	65 J	320	425	2429	--
SB-512-0810-D	SB-512	8	10	20071129	150 J	360 J	61 J	600 J	17 J	180 J	65 J	550 J	710 J	4077	--
SB-513-0406	SB-513	4	6	20071129	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	10	--
SB-513-0810	SB-513	8	10	20071129	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	0 U	--
SB-514-0406	SB-514	4	6	20071129	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	0 U	--
SB-514-0810	SB-514	8	10	20071129	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	0 U	--
SB-514-0810-AVG	SB-514	8	10	20071129	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	0 U	--
SB-514-0810-D	SB-514	8	10	20071129	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	0 U	--
SB-515-0406	SB-515	4	6	20071129	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	0 U	--
SB-515-0810	SB-515	8	10	20071129	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	14	--
SB-517-0406	SB-517	4	6	20071130	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	0 U	--
SB-517-0810	SB-517	8	10	20071130	16 J	32 J	400 U	57 J	400 U	17 J	400 U	25 J	48 J	323	--
SB-518-0406	SB-518	4	6	20071130	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	0 U	--
SB-518-0810	SB-518	8	10	20071130	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	0 U	--
SB-519-0406	SB-519	4	6	20071130	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	0 U	--
SB-519-0810	SB-519	8	10	20071130	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	0 U	--
SB-520-0406	SB-520	4	6	20071130	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	0 U	--
SB-520-0810	SB-520	8	10	20071130	400 U	9.2 J	400 U	15 J	400 U	400 U	400 U	400 U	12 J	56.8	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214	POTASSIUM-40
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
SB-512-0406	SB-512	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-AVG	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-D	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0406	SB-513	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0810	SB-513	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0406	SB-514	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-AVG	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-D	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0406	SB-515	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0810	SB-515	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0406	SB-517	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0810	SB-517	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0406	SB-518	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0810	SB-518	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0406	SB-519	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0810	SB-519	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0406	SB-520	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0810	SB-520	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
SB-512-0406	SB-512	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-AVG	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-D	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0406	SB-513	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0810	SB-513	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0406	SB-514	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-AVG	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-D	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0406	SB-515	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0810	SB-515	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0406	SB-517	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0810	SB-517	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0406	SB-518	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0810	SB-518	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0406	SB-519	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0810	SB-519	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0406	SB-520	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0810	SB-520	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
SB-512-0406	SB-512	4	6	20071129	--	--	--	--	380 U	--	380 U	380 U	380 U	380 U	380 U	750 U	380 U	380 U
SB-512-0810	SB-512	8	10	20071129	--	--	--	--	410 U	--	410 U	410 U	410 U	410 U	410 U	830 U	410 U	410 U
SB-512-0810-AVG	SB-512	8	10	20071129	--	--	--	--	415 U	--	415 U	415 U	415 U	415 U	415 U	830 U	415 U	415 U
SB-512-0810-D	SB-512	8	10	20071129	--	--	--	--	420 U	--	420 U	420 U	420 U	420 U	420 U	830 U	420 U	420 U
SB-513-0406	SB-513	4	6	20071129	--	--	--	--	390 U	--	390 U	390 U	390 U	390 U	390 U	770 U	390 U	390 U
SB-513-0810	SB-513	8	10	20071129	--	--	--	--	390 U	--	390 U	390 U	390 U	390 U	390 U	770 U	390 U	390 U
SB-514-0406	SB-514	4	6	20071129	--	--	--	--	400 U	--	400 U	400 U	400 U	400 U	400 U	800 U	400 U	400 U
SB-514-0810	SB-514	8	10	20071129	--	--	--	--	390 U	--	390 U	390 U	390 U	390 U	390 U	780 U	390 U	390 U
SB-514-0810-AVG	SB-514	8	10	20071129	--	--	--	--	390 U	--	390 U	390 U	390 U	390 U	390 U	780 U	390 U	390 U
SB-514-0810-D	SB-514	8	10	20071129	--	--	--	--	390 U	--	390 U	390 U	390 U	390 U	390 U	780 U	390 U	390 U
SB-515-0406	SB-515	4	6	20071129	--	--	--	--	400 U	--	400 U	400 U	400 U	400 U	400 U	800 U	400 U	400 U
SB-515-0810	SB-515	8	10	20071129	--	--	--	--	410 U	--	410 U	410 U	410 U	410 U	410 U	820 U	410 U	410 U
SB-517-0406	SB-517	4	6	20071130	--	--	--	--	400 U	--	400 U	400 U	400 U	400 U	400 U	800 U	400 U	400 U
SB-517-0810	SB-517	8	10	20071130	--	--	--	--	400 U	--	400 U	400 U	400 U	400 U	400 U	800 U	400 U	400 U
SB-518-0406	SB-518	4	6	20071130	--	--	--	--	400 U	--	400 U	400 U	400 U	400 U	400 U	790 U	400 U	400 U
SB-518-0810	SB-518	8	10	20071130	--	--	--	--	430 U	--	430 U	430 U	430 U	430 U	430 U	860 U	430 U	430 U
SB-519-0406	SB-519	4	6	20071130	--	--	--	--	380 U	--	380 U	380 U	380 U	380 U	380 U	770 U	380 U	380 U
SB-519-0810	SB-519	8	10	20071130	--	--	--	--	380 U	--	380 U	380 U	380 U	380 U	380 U	770 U	380 U	380 U
SB-520-0406	SB-520	4	6	20071130	--	--	--	--	400 U	--	400 U	400 U	400 U	400 U	400 U	800 U	400 U	400 U
SB-520-0810	SB-520	8	10	20071130	--	--	--	--	400 U	--	400 U	400 U	400 U	400 U	400 U	800 U	400 U	400 U
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
SB-512-0406	SB-512	4	6	20071129	380 U	380 U	--	380 U	750 U	380 U	--	380 U	750 U	380 U	380 U	380 U	380 U	380 U
SB-512-0810	SB-512	8	10	20071129	410 U	410 U	--	410 U	830 U	410 U	--	410 U	830 U	410 U	410 U	410 U	410 U	410 U
SB-512-0810-AVG	SB-512	8	10	20071129	415 U	415 U	--	415 U	830 U	415 U	--	415 U	830 U	415 U	415 U	415 U	415 U	415 U
SB-512-0810-D	SB-512	8	10	20071129	420 U	420 U	--	420 U	830 U	420 U	--	420 U	830 U	420 U	420 U	420 U	420 U	420 U
SB-513-0406	SB-513	4	6	20071129	390 U	390 U	--	390 U	770 U	390 U	--	390 U	770 U	390 U	390 U	390 U	390 U	390 U
SB-513-0810	SB-513	8	10	20071129	390 U	390 U	--	390 U	770 U	390 U	--	390 U	770 U	390 U	390 U	390 U	390 U	390 U
SB-514-0406	SB-514	4	6	20071129	400 U	400 U	--	400 U	800 U	400 U	--	400 U	800 U	400 U	400 U	400 U	400 U	400 U
SB-514-0810	SB-514	8	10	20071129	390 U	390 U	--	390 U	780 U	390 U	--	390 U	780 U	390 U	390 U	390 U	390 U	390 U
SB-514-0810-AVG	SB-514	8	10	20071129	390 U	390 U	--	390 U	780 U	390 U	--	390 U	780 U	390 U	390 U	390 U	390 U	390 U
SB-514-0810-D	SB-514	8	10	20071129	390 U	390 U	--	390 U	780 U	390 U	--	390 U	780 U	390 U	390 U	390 U	390 U	390 U
SB-515-0406	SB-515	4	6	20071129	400 U	400 U	--	400 U	800 U	400 U	--	400 U	800 U	400 U	400 U	400 U	400 U	400 U
SB-515-0810	SB-515	8	10	20071129	410 U	410 U	--	410 U	820 U	410 U	--	410 U	820 U	410 U	410 U	410 U	410 U	410 U
SB-517-0406	SB-517	4	6	20071130	400 U	400 U	--	400 U	800 U	400 U	--	400 U	800 U	400 U	400 U	400 U	400 U	400 U
SB-517-0810	SB-517	8	10	20071130	400 U	400 U	--	400 U	800 U	400 U	--	400 U	800 U	400 U	400 U	400 U	400 U	400 U
SB-518-0406	SB-518	4	6	20071130	400 U	400 U	--	400 U	790 U	400 U	--	400 U	790 U	400 U	400 U	400 U	400 U	400 U
SB-518-0810	SB-518	8	10	20071130	430 U	430 U	--	430 U	860 U	430 U	--	430 U	860 U	430 U	430 U	430 U	430 U	430 U
SB-519-0406	SB-519	4	6	20071130	380 U	380 U	--	380 U	770 U	380 U	--	380 U	770 U	380 U	380 U	380 U	380 U	380 U
SB-519-0810	SB-519	8	10	20071130	380 U	380 U	--	380 U	770 U	380 U	--	380 U	770 U	380 U	380 U	380 U	380 U	380 U
SB-520-0406	SB-520	4	6	20071130	400 U	400 U	--	400 U	800 U	400 U	--	400 U	800 U	400 U	400 U	400 U	400 U	400 U
SB-520-0810	SB-520	8	10	20071130	400 U	400 U	--	400 U	800 U	400 U	--	400 U	800 U	400 U	400 U	400 U	400 U	400 U
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
SB-512-0406	SB-512	4	6	20071129	380 U	380 U	750 U	--	--	76 U	--	380 U	--	--	380 U	--	--	--
SB-512-0810	SB-512	8	10	20071129	410 U	410 U	830 U	--	--	84 U	--	410 U	--	--	410 U	--	--	--
SB-512-0810-AVG	SB-512	8	10	20071129	415 U	415 U	830 U	--	--	84 U	--	415 U	--	--	415 U	--	--	--
SB-512-0810-D	SB-512	8	10	20071129	420 U	420 U	830 U	--	--	84 U	--	420 U	--	--	420 U	--	--	--
SB-513-0406	SB-513	4	6	20071129	390 U	390 U	770 U	--	--	78 U	--	390 U	--	--	390 U	--	--	--
SB-513-0810	SB-513	8	10	20071129	390 U	390 U	770 U	--	--	78 U	--	390 U	--	--	390 U	--	--	--
SB-514-0406	SB-514	4	6	20071129	400 U	400 U	800 U	--	--	81 U	--	400 U	--	--	400 U	--	--	--
SB-514-0810	SB-514	8	10	20071129	390 U	390 U	780 U	--	--	79 U	--	390 U	--	--	390 U	--	--	--
SB-514-0810-AVG	SB-514	8	10	20071129	390 U	390 U	780 U	--	--	79 U	--	390 U	--	--	390 U	--	--	--
SB-514-0810-D	SB-514	8	10	20071129	390 U	390 U	780 U	--	--	79 U	--	390 U	--	--	390 U	--	--	--
SB-515-0406	SB-515	4	6	20071129	400 U	400 U	800 U	--	--	81 U	--	400 U	--	--	400 U	--	--	--
SB-515-0810	SB-515	8	10	20071129	410 U	410 U	820 U	--	--	82 U	--	410 U	--	--	410 U	--	--	--
SB-517-0406	SB-517	4	6	20071130	400 U	400 U	800 U	--	--	81 U	--	400 U	--	--	400 U	--	--	--
SB-517-0810	SB-517	8	10	20071130	400 U	400 U	800 U	--	--	81 U	--	400 U	--	--	400 U	--	--	--
SB-518-0406	SB-518	4	6	20071130	400 U	400 U	790 U	--	--	80 U	--	400 U	--	--	400 U	--	--	--
SB-518-0810	SB-518	8	10	20071130	430 U	430 U	860 U	--	--	87 U	--	430 U	--	--	430 U	--	--	--
SB-519-0406	SB-519	4	6	20071130	380 U	380 U	770 U	--	--	77 U	--	380 U	--	--	380 U	--	--	--
SB-519-0810	SB-519	8	10	20071130	380 U	380 U	770 U	--	--	77 U	--	380 U	--	--	380 U	--	--	--
SB-520-0406	SB-520	4	6	20071130	400 U	400 U	800 U	--	--	81 U	--	400 U	--	--	400 U	--	--	--
SB-520-0810	SB-520	8	10	20071130	400 U	400 U	800 U	--	--	80 U	--	400 U	--	--	400 U	--	--	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
SB-512-0406	SB-512	4	6	20071129	--	--	380 U	380 U	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U	380 U
SB-512-0810	SB-512	8	10	20071129	--	--	410 U	410 U	410 U	410 U	410 U	410 U	--	--	410 U	410 U	410 U	410 U
SB-512-0810-AVG	SB-512	8	10	20071129	--	--	415 U	415 U	415 U	415 U	415 U	415 U	--	--	91 J	415 U	415 U	415 U
SB-512-0810-D	SB-512	8	10	20071129	--	--	420 U	420 U	420 U	420 U	420 U	420 U	--	--	91 J	420 U	420 U	420 U
SB-513-0406	SB-513	4	6	20071129	--	--	390 U	390 U	390 U	390 U	390 U	390 U	--	--	390 U	390 U	390 U	390 U
SB-513-0810	SB-513	8	10	20071129	--	--	390 U	390 U	390 U	390 U	390 U	390 U	--	--	390 U	390 U	390 U	390 U
SB-514-0406	SB-514	4	6	20071129	--	--	400 U	400 U	400 U	400 U	400 U	400 U	--	--	400 U	400 U	400 U	400 U
SB-514-0810	SB-514	8	10	20071129	--	--	390 U	390 U	28 J	390 U	390 U	390 U	--	--	390 U	390 U	390 U	390 U
SB-514-0810-AVG	SB-514	8	10	20071129	--	--	390 U	390 U	26	390 U	390 U	390 U	--	--	390 U	390 U	390 U	390 U
SB-514-0810-D	SB-514	8	10	20071129	--	--	390 U	390 U	24 J	390 U	390 U	390 U	--	--	390 U	390 U	390 U	390 U
SB-515-0406	SB-515	4	6	20071129	--	--	400 U	400 U	400 U	400 U	400 U	400 U	--	--	400 U	400 U	400 U	400 U
SB-515-0810	SB-515	8	10	20071129	--	--	410 U	410 U	410 U	410 U	410 U	410 U	--	--	410 U	410 U	410 U	410 U
SB-517-0406	SB-517	4	6	20071130	--	--	400 U	400 U	400 U	400 U	400 U	400 U	--	--	400 U	400 U	400 U	400 U
SB-517-0810	SB-517	8	10	20071130	--	--	400 U	400 U	30 J	400 U	400 U	400 U	--	--	400 U	400 U	400 U	400 U
SB-518-0406	SB-518	4	6	20071130	--	--	400 U	400 U	400 U	400 U	400 U	400 U	--	--	400 U	400 U	400 U	400 U
SB-518-0810	SB-518	8	10	20071130	--	--	430 U	430 U	430 U	430 U	430 U	430 U	--	--	430 U	430 U	430 U	430 U
SB-519-0406	SB-519	4	6	20071130	--	--	380 U	380 U	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U	380 U
SB-519-0810	SB-519	8	10	20071130	--	--	380 U	380 U	380 U	380 U	380 U	380 U	--	--	380 U	380 U	380 U	380 U
SB-520-0406	SB-520	4	6	20071130	--	--	400 U	400 U	400 U	400 U	400 U	400 U	--	--	400 U	400 U	400 U	400 U
SB-520-0810	SB-520	8	10	20071130	--	--	400 U	400 U	400 U	400 U	400 U	400 U	--	--	400 U	400 U	400 U	400 U
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
SB-512-0406	SB-512	4	6	20071129	380 U	--	--	380 U	380 U	380 U	380 U	--	380 U	--	380 U	380 U	380 U	380 U
SB-512-0810	SB-512	8	10	20071129	410 U	--	--	410 U	410 U	410 U	410 U	--	410 U	--	410 U	410 U	410 U	410 U
SB-512-0810-AVG	SB-512	8	10	20071129	415 U	--	--	415 U	415 U	415 U	415 U	--	415 U	--	415 U	415 U	415 U	415 U
SB-512-0810-D	SB-512	8	10	20071129	420 U	--	--	420 U	420 U	420 U	420 U	--	420 U	--	420 U	420 U	420 U	420 U
SB-513-0406	SB-513	4	6	20071129	390 U	--	--	390 U	390 U	390 U	390 U	--	390 U	--	390 U	390 U	390 U	390 U
SB-513-0810	SB-513	8	10	20071129	390 U	--	--	390 U	390 U	390 U	390 U	--	390 U	--	390 U	390 U	390 U	390 U
SB-514-0406	SB-514	4	6	20071129	400 U	--	--	400 U	400 U	400 U	400 U	--	400 U	--	400 U	400 U	400 U	400 U
SB-514-0810	SB-514	8	10	20071129	390 U	--	--	390 U	390 U	390 U	390 U	--	390 U	--	390 U	390 U	390 U	390 U
SB-514-0810-AVG	SB-514	8	10	20071129	390 U	--	--	390 U	390 U	390 U	390 U	--	390 U	--	390 U	390 U	390 U	390 U
SB-514-0810-D	SB-514	8	10	20071129	390 U	--	--	390 U	390 U	390 U	390 U	--	390 U	--	390 U	390 U	390 U	390 U
SB-515-0406	SB-515	4	6	20071129	400 U	--	--	400 U	400 U	400 U	400 U	--	400 U	--	400 U	400 U	400 U	400 U
SB-515-0810	SB-515	8	10	20071129	410 U	--	--	410 U	410 U	410 U	410 U	--	410 U	--	410 U	410 U	410 U	410 U
SB-517-0406	SB-517	4	6	20071130	400 U	--	--	400 U	400 U	400 U	400 U	--	400 U	--	400 U	400 U	400 U	400 U
SB-517-0810	SB-517	8	10	20071130	400 U	--	--	400 U	400 U	400 U	400 U	--	400 U	--	400 U	400 U	400 U	400 U
SB-518-0406	SB-518	4	6	20071130	400 U	--	--	400 U	400 U	400 U	400 U	--	400 U	--	400 U	400 U	400 U	400 U
SB-518-0810	SB-518	8	10	20071130	430 U	--	--	430 U	430 U	430 U	430 U	--	430 U	--	430 U	430 U	430 U	430 U
SB-519-0406	SB-519	4	6	20071130	380 U	--	--	380 U	380 U	380 U	380 U	--	380 U	--	380 U	380 U	380 U	380 U
SB-519-0810	SB-519	8	10	20071130	380 U	--	--	380 U	380 U	380 U	380 U	--	380 U	--	380 U	380 U	380 U	380 U
SB-520-0406	SB-520	4	6	20071130	400 U	--	--	400 U	400 U	400 U	400 U	--	400 U	--	400 U	400 U	400 U	400 U
SB-520-0810	SB-520	8	10	20071130	400 U	--	--	400 U	400 U	400 U	400 U	--	400 U	--	400 U	400 U	400 U	400 U
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)
SB-512-0406	SB-512	4	6	20071129	380 U	--	380 U	--	--	--	--	--	--	--	--	--	--
SB-512-0810	SB-512	8	10	20071129	410 U	--	410 U	--	--	--	--	--	--	--	--	--	--
SB-512-0810-AVG	SB-512	8	10	20071129	415 U	--	415 U	--	--	--	--	--	--	--	--	--	--
SB-512-0810-D	SB-512	8	10	20071129	420 U	--	420 U	--	--	--	--	--	--	--	--	--	--
SB-513-0406	SB-513	4	6	20071129	390 U	--	390 U	--	--	--	--	--	--	--	--	--	--
SB-513-0810	SB-513	8	10	20071129	390 U	--	390 U	--	--	--	--	--	--	--	--	--	--
SB-514-0406	SB-514	4	6	20071129	400 U	--	400 U	--	--	--	--	--	--	--	--	--	--
SB-514-0810	SB-514	8	10	20071129	390 U	--	390 U	--	--	--	--	--	--	--	--	--	--
SB-514-0810-AVG	SB-514	8	10	20071129	390 U	--	390 U	--	--	--	--	--	--	--	--	--	--
SB-514-0810-D	SB-514	8	10	20071129	390 U	--	390 U	--	--	--	--	--	--	--	--	--	--
SB-515-0406	SB-515	4	6	20071129	400 U	--	400 U	--	--	--	--	--	--	--	--	--	--
SB-515-0810	SB-515	8	10	20071129	410 U	--	410 U	--	--	--	--	--	--	--	--	--	--
SB-517-0406	SB-517	4	6	20071130	400 U	--	400 U	--	--	--	--	--	--	--	--	--	--
SB-517-0810	SB-517	8	10	20071130	400 U	--	400 U	--	--	--	--	--	--	--	--	--	--
SB-518-0406	SB-518	4	6	20071130	400 U	--	400 U	--	--	--	--	--	--	--	--	--	--
SB-518-0810	SB-518	8	10	20071130	430 U	--	430 U	--	--	--	--	--	--	--	--	--	--
SB-519-0406	SB-519	4	6	20071130	380 U	--	380 U	--	--	--	--	--	--	--	--	--	--
SB-519-0810	SB-519	8	10	20071130	380 U	--	380 U	--	--	--	--	--	--	--	--	--	--
SB-520-0406	SB-520	4	6	20071130	400 U	--	400 U	--	--	--	--	--	--	--	--	--	--
SB-520-0810	SB-520	8	10	20071130	400 U	--	400 U	--	--	--	--	--	--	--	--	--	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-
					TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
SB-512-0406	SB-512	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-AVG	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-D	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0406	SB-513	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0810	SB-513	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0406	SB-514	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-AVG	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-D	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0406	SB-515	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0810	SB-515	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0406	SB-517	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0810	SB-517	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0406	SB-518	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0810	SB-518	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0406	SB-519	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0810	SB-519	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0406	SB-520	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0810	SB-520	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
SB-512-0406	SB-512	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-AVG	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-D	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0406	SB-513	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0810	SB-513	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0406	SB-514	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-AVG	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-D	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0406	SB-515	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0810	SB-515	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0406	SB-517	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0810	SB-517	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0406	SB-518	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0810	SB-518	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0406	SB-519	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0810	SB-519	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0406	SB-520	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0810	SB-520	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
SB-512-0406	SB-512	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-AVG	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-D	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0406	SB-513	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0810	SB-513	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0406	SB-514	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-AVG	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-D	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0406	SB-515	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0810	SB-515	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0406	SB-517	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0810	SB-517	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0406	SB-518	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0810	SB-518	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0406	SB-519	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0810	SB-519	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0406	SB-520	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0810	SB-520	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
SB-512-0406	SB-512	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-AVG	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-D	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0406	SB-513	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0810	SB-513	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0406	SB-514	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-AVG	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-D	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0406	SB-515	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0810	SB-515	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0406	SB-517	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0810	SB-517	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0406	SB-518	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0810	SB-518	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0406	SB-519	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0810	SB-519	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0406	SB-520	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0810	SB-520	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	SILANOL, DIMETHYL(1,1,2-TRIMETHYLPROPYL)	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]	UNKNOWN [2.17]
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
SB-512-0406	SB-512	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-AVG	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-512-0810-D	SB-512	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0406	SB-513	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-513-0810	SB-513	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0406	SB-514	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-AVG	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-514-0810-D	SB-514	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0406	SB-515	4	6	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-515-0810	SB-515	8	10	20071129	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0406	SB-517	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-517-0810	SB-517	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0406	SB-518	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-518-0810	SB-518	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0406	SB-519	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-519-0810	SB-519	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0406	SB-520	4	6	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-520-0810	SB-520	8	10	20071130	--	--	--	--	--	--	--	--	--	--	--	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	UNKNOWN [3.57]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
SB-512-0406	SB-512	4	6	20071129	--	5.7 U	5.7 U	5.7 U	--	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U
SB-512-0810	SB-512	8	10	20071129	--	6.3 U	6.3 U	6.3 U	--	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U
SB-512-0810-AVG	SB-512	8	10	20071129	--	6.3 U	6.3 U	6.3 U	--	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U
SB-512-0810-D	SB-512	8	10	20071129	--	6.3 U	6.3 U	6.3 U	--	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U
SB-513-0406	SB-513	4	6	20071129	--	5.9 U	5.9 U	5.9 U	--	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-513-0810	SB-513	8	10	20071129	--	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-514-0406	SB-514	4	6	20071129	--	6 U	6 U	6 U	--	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-514-0810	SB-514	8	10	20071129	--	5.9 U	5.9 U	5.9 U	--	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-514-0810-AVG	SB-514	8	10	20071129	--	5.9 U	5.9 U	5.9 U	--	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-514-0810-D	SB-514	8	10	20071129	--	5.9 U	5.9 U	5.9 U	--	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-515-0406	SB-515	4	6	20071129	--	6.1 U	6.1 U	6.1 U	--	6.1 U	0.69 J	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U
SB-515-0810	SB-515	8	10	20071129	--	6.2 U	6.2 U	6.2 U	--	6.2 U	0.69 J	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U
SB-517-0406	SB-517	4	6	20071130	--	6.1 U	6.1 U	6.1 U	--	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U
SB-517-0810	SB-517	8	10	20071130	--	6.1 U	6.1 U	6.1 U	--	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U
SB-518-0406	SB-518	4	6	20071130	--	6 U	6 U	6 U	--	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-518-0810	SB-518	8	10	20071130	--	6.5 U	6.5 U	6.5 U	--	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U
SB-519-0406	SB-519	4	6	20071130	--	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-519-0810	SB-519	8	10	20071130	--	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-520-0406	SB-520	4	6	20071130	--	6.1 U	6.1 U	6.1 U	--	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U
SB-520-0810	SB-520	8	10	20071130	--	6 U	6 U	6 U	--	6 U	0.48 J	6 U	6 U	6 U	6 U	6 U
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
SB-512-0406	SB-512	4	6	20071129	5.7 U	5.7 U	11 U	5.7 U	5.7 U	5.7 U	5.7 U	--	5.7 U	5.7 U	5.7 U	5.7 U
SB-512-0810	SB-512	8	10	20071129	6.3 U	6.3 U	13 U	6.3 U	6.3 U	6.3 U	6.3 U	--	6.3 U	6.3 U	6.3 U	6.3 U
SB-512-0810-AVG	SB-512	8	10	20071129	6.3 U	6.3 U	13 U	6.3 U	6.3 U	6.3 U	6.3 U	--	6.3 U	6.3 U	6.3 U	6.3 U
SB-512-0810-D	SB-512	8	10	20071129	6.3 U	6.3 U	13 U	6.3 U	6.3 U	6.3 U	6.3 U	--	6.3 U	6.3 U	6.3 U	6.3 U
SB-513-0406	SB-513	4	6	20071129	5.9 U	5.9 U	12 U	5.9 U	5.9 U	5.9 U	5.9 U	--	5.9 U	5.9 U	5.9 U	5.9 U
SB-513-0810	SB-513	8	10	20071129	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U
SB-514-0406	SB-514	4	6	20071129	6 U	6 U	12 U	6 U	6 U	6 U	6 U	--	6 U	6 U	6 U	6 U
SB-514-0810	SB-514	8	10	20071129	5.9 U	5.9 U	12 U	5.9 U	5.9 U	5.9 U	5.9 U	--	5.9 U	5.9 U	5.9 U	5.9 U
SB-514-0810-AVG	SB-514	8	10	20071129	5.9 U	5.9 U	12 U	5.9 U	5.9 U	5.9 U	5.9 U	--	5.9 U	5.9 U	5.9 U	5.9 U
SB-514-0810-D	SB-514	8	10	20071129	5.9 U	5.9 U	12 U	5.9 U	5.9 U	5.9 U	5.9 U	--	5.9 U	5.9 U	5.9 U	5.9 U
SB-515-0406	SB-515	4	6	20071129	6.1 U	6.1 U	12 U	6.1 U	6.1 U	6.1 U	6.1 U	--	6.1 U	6.1 U	6.1 U	6.1 U
SB-515-0810	SB-515	8	10	20071129	6.2 U	6.2 U	12 U	6.2 U	6.2 U	6.2 U	6.2 U	--	6.2 U	6.2 U	6.2 U	6.2 U
SB-517-0406	SB-517	4	6	20071130	6.1 U	6.1 U	12 U	6.1 U	6.1 U	6.1 U	6.1 U	--	6.1 U	6.1 U	6.1 U	6.1 U
SB-517-0810	SB-517	8	10	20071130	6.1 U	6.1 U	12 U	6.1 U	6.1 U	6.1 U	6.1 U	--	6.1 U	6.1 U	6.1 U	6.1 U
SB-518-0406	SB-518	4	6	20071130	6 U	1.1 B	12 U	6 U	6 U	6 U	6 U	--	6 U	6 U	6 U	6 U
SB-518-0810	SB-518	8	10	20071130	6.5 U	6.5 U	13 U	6.5 U	6.5 U	6.5 U	6.5 U	--	6.5 U	6.5 U	6.5 U	6.5 U
SB-519-0406	SB-519	4	6	20071130	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U
SB-519-0810	SB-519	8	10	20071130	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	5.8 U	--	5.8 U	5.8 U	5.8 U	5.8 U
SB-520-0406	SB-520	4	6	20071130	6.1 U	6.1 U	12 U	6.1 U	6.1 U	6.1 U	6.1 U	--	6.1 U	6.1 U	6.1 U	6.1 U
SB-520-0810	SB-520	8	10	20071130	6 U	6 U	12 U	6 U	6 U	6 U	6 U	--	6 U	6 U	6 U	6 U
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
SB-512-0406	SB-512	4	6	20071129	11 U	11 U	5.7 U	11 U	5.7 U	5.7 U	11 U	11 U	5.7 U	5.7 U
SB-512-0810	SB-512	8	10	20071129	13 U	13 U	6.3 U	13 U	6.3 U	6.3 U	13 U	20 J	6.3 U	6.3 U
SB-512-0810-AVG	SB-512	8	10	20071129	13 U	13 U	6.3 U	13 U	6.3 U	6.3 U	13 U	16	6.3 U	6.3 U
SB-512-0810-D	SB-512	8	10	20071129	13 U	13 U	6.3 U	13 U	6.3 U	6.3 U	13 U	12 J	6.3 U	6.3 U
SB-513-0406	SB-513	4	6	20071129	2.7 J	12 U	5.9 U	12 U	5.9 U	5.9 U	12 U	69 J	5.9 U	5.9 U
SB-513-0810	SB-513	8	10	20071129	12 U	12 U	5.8 U	12 U	5.8 U	5.8 U	12 U	26 J	5.8 U	5.8 U
SB-514-0406	SB-514	4	6	20071129	9.3 J	12 U	6 U	12 U	6 U	6 U	12 U	130 J	6 U	6 U
SB-514-0810	SB-514	8	10	20071129	12 U	12 U	5.9 U	12 U	5.9 U	5.9 U	12 U	38 J	5.9 U	5.9 U
SB-514-0810-AVG	SB-514	8	10	20071129	12 U	12 U	5.9 U	12 U	5.9 U	5.9 U	12 U	43.5	5.9 U	5.9 U
SB-514-0810-D	SB-514	8	10	20071129	12 U	12 U	5.9 U	12 U	5.9 U	5.9 U	12 U	49 J	5.9 U	5.9 U
SB-515-0406	SB-515	4	6	20071129	12 U	12 U	6.1 U	12 U	6.1 U	6.1 U	12 U	16 J	6.1 U	6.1 U
SB-515-0810	SB-515	8	10	20071129	12 U	12 U	6.2 U	12 U	6.2 U	6.2 U	12 U	12 U	6.2 U	6.2 U
SB-517-0406	SB-517	4	6	20071130	12 U	12 U	6.1 U	12 U	6.1 U	6.1 U	12 U	12 U	6.1 U	6.1 U
SB-517-0810	SB-517	8	10	20071130	12 U	12 U	6.1 U	12 U	6.1 U	6.1 U	12 U	8.4 J	6.1 U	6.1 U
SB-518-0406	SB-518	4	6	20071130	12 U	12 U	6 U	12 U	6 U	6 U	12 U	24 J	6 U	6 U
SB-518-0810	SB-518	8	10	20071130	13 U	13 U	6.5 U	13 U	6.5 U	6.5 U	13 U	14 J	6.5 U	6.5 U
SB-519-0406	SB-519	4	6	20071130	12 U	12 U	5.8 U	12 U	5.8 U	5.8 U	12 U	9 J	5.8 U	5.8 U
SB-519-0810	SB-519	8	10	20071130	12 U	12 U	5.8 U	12 U	5.8 U	5.8 U	12 U	14 J	5.8 U	5.8 U
SB-520-0406	SB-520	4	6	20071130	12 U	12 U	6.1 U	12 U	6.1 U	6.1 U	12 U	9.9 J	6.1 U	6.1 U
SB-520-0810	SB-520	8	10	20071130	12 U	12 U	6 U	12 U	6 U	6 U	12 U	12 U	6 U	6 U
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
SB-512-0406	SB-512	4	6	20071129	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U
SB-512-0810	SB-512	8	10	20071129	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U
SB-512-0810-AVG	SB-512	8	10	20071129	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U
SB-512-0810-D	SB-512	8	10	20071129	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U
SB-513-0406	SB-513	4	6	20071129	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-513-0810	SB-513	8	10	20071129	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-514-0406	SB-514	4	6	20071129	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-514-0810	SB-514	8	10	20071129	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-514-0810-AVG	SB-514	8	10	20071129	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-514-0810-D	SB-514	8	10	20071129	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-515-0406	SB-515	4	6	20071129	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U
SB-515-0810	SB-515	8	10	20071129	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U
SB-517-0406	SB-517	4	6	20071130	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U
SB-517-0810	SB-517	8	10	20071130	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U
SB-518-0406	SB-518	4	6	20071130	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-518-0810	SB-518	8	10	20071130	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U
SB-519-0406	SB-519	4	6	20071130	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-519-0810	SB-519	8	10	20071130	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
SB-520-0406	SB-520	4	6	20071130	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U
SB-520-0810	SB-520	8	10	20071130	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	HEXANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
SB-512-0406	SB-512	4	6	20071129	5.7 U	5.7 U	5.7 U	5.7 U	11 U	5.7 U	5.7 U	5.7 U	--	5.7 U	11 U	--
SB-512-0810	SB-512	8	10	20071129	6.3 U	6.3 U	6.3 U	6.3 U	13 U	6.3 U	6.3 U	6.3 U	--	6.3 U	13 U	--
SB-512-0810-AVG	SB-512	8	10	20071129	6.3 U	6.3 U	6.3 U	6.3 U	13 U	6.3 U	6.3 U	6.3 U	--	6.3 U	13 U	--
SB-512-0810-D	SB-512	8	10	20071129	6.3 U	6.3 U	6.3 U	6.3 U	13 U	6.3 U	6.3 U	6.3 U	--	6.3 U	13 U	--
SB-513-0406	SB-513	4	6	20071129	5.9 U	5.9 U	5.9 U	5.9 U	12 U	5.9 U	5.9 U	5.9 U	--	5.9 U	12 U	--
SB-513-0810	SB-513	8	10	20071129	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	--	5.8 U	12 U	--
SB-514-0406	SB-514	4	6	20071129	6 U	6 U	6 U	6 U	12 U	6 U	6 U	6 U	--	6 U	12 U	--
SB-514-0810	SB-514	8	10	20071129	5.9 U	5.9 U	5.9 U	5.9 U	12 U	5.9 U	5.9 U	5.9 U	--	5.9 U	12 U	--
SB-514-0810-AVG	SB-514	8	10	20071129	5.9 U	5.9 U	5.9 U	5.9 U	12 U	5.9 U	5.9 U	5.9 U	--	5.9 U	12 U	--
SB-514-0810-D	SB-514	8	10	20071129	5.9 U	5.9 U	5.9 U	5.9 U	12 U	5.9 U	5.9 U	5.9 U	--	5.9 U	12 U	--
SB-515-0406	SB-515	4	6	20071129	9.7	6.1 U	6.1 U	6.1 U	12 U	6.1 U	6.1 U	6.1 U	--	6.1 U	12 U	--
SB-515-0810	SB-515	8	10	20071129	6 J	6.2 U	6.2 U	6.2 U	12 U	6.2 U	6.2 U	6.2 U	--	6.2 U	12 U	--
SB-517-0406	SB-517	4	6	20071130	6.1 U	6.1 U	6.1 U	6.1 U	12 U	6.1 U	6.1 U	6.1 U	--	6.1 U	12 U	--
SB-517-0810	SB-517	8	10	20071130	6.1 U	6.1 U	6.1 U	6.1 U	12 U	6.1 U	6.1 U	6.1 U	--	6.1 U	12 U	--
SB-518-0406	SB-518	4	6	20071130	6 U	6 U	6 U	6 U	12 U	6 U	6 U	6 U	--	6 U	12 U	--
SB-518-0810	SB-518	8	10	20071130	6.5 U	6.5 U	6.5 U	6.5 U	13 U	6.5 U	6.5 U	6.5 U	--	6.5 U	13 U	--
SB-519-0406	SB-519	4	6	20071130	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	--	5.8 U	12 U	--
SB-519-0810	SB-519	8	10	20071130	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	5.8 U	5.8 U	--	5.8 U	12 U	--
SB-520-0406	SB-520	4	6	20071130	6.1 U	6.1 U	6.1 U	6.1 U	12 U	6.1 U	6.1 U	6.1 U	--	6.1 U	12 U	--
SB-520-0810	SB-520	8	10	20071130	6 U	6 U	6 U	6 U	12 U	6 U	6 U	6 U	--	6 U	12 U	--
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
SB-512-0406	SB-512	4	6	20071129	11 U	6.2 B	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	110 UR	5.7 U
SB-512-0810	SB-512	8	10	20071129	13 U	4.8 B	110 J	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	130 UR	6.3 U
SB-512-0810-AVG	SB-512	8	10	20071129	13 U	4.75 U	80.5	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	130 R	6.3 U
SB-512-0810-D	SB-512	8	10	20071129	13 U	4.7 B	51 J	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	130 UR	6.3 U
SB-513-0406	SB-513	4	6	20071129	12 U	4.4 B	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	120 UR	5.9 U
SB-513-0810	SB-513	8	10	20071129	12 U	5.5 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U
SB-514-0406	SB-514	4	6	20071129	12 U	5.9 B	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	120 UR	6 U
SB-514-0810	SB-514	8	10	20071129	12 U	5.8 B	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	120 UR	5.9 U
SB-514-0810-AVG	SB-514	8	10	20071129	12 U	4.5 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	120 R	5.9 U
SB-514-0810-D	SB-514	8	10	20071129	12 U	3.2 B	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	120 UR	5.9 U
SB-515-0406	SB-515	4	6	20071129	12 U	5.5 B	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	120 UR	6.1 U
SB-515-0810	SB-515	8	10	20071129	12 U	4.9 B	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	120 UR	6.2 U
SB-517-0406	SB-517	4	6	20071130	12 U	4.4 B	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	120 UR	6.1 U
SB-517-0810	SB-517	8	10	20071130	12 U	3.7 B	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	120 UR	6.1 U
SB-518-0406	SB-518	4	6	20071130	12 U	4.2 B	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	120 UR	6 U
SB-518-0810	SB-518	8	10	20071130	13 U	5.7 B	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	130 UR	6.5 U
SB-519-0406	SB-519	4	6	20071130	12 U	6.1 B	0.69 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U
SB-519-0810	SB-519	8	10	20071130	12 U	5.1 B	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	120 UR	5.8 U
SB-520-0406	SB-520	4	6	20071130	12 U	5.8 B	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	120 UR	6.1 U
SB-520-0810	SB-520	8	10	20071130	12 U	5.1 B	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	120 UR	6 U
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
SB-512-0406	SB-512	4	6	20071129	--	5.7 U	11 U	--	5.7 U	5.7 U	5.7 U	5.7 U	11 U	5.7 U	NORMAL
SB-512-0810	SB-512	8	10	20071129	--	6.3 U	13 U	--	6.3 U	6.3 U	6.3 U	6.3 U	13 UJ	6.3 U	NORMAL
SB-512-0810-AVG	SB-512	8	10	20071129	--	6.3 U	13 U	--	6.3 U	6.3 U	6.3 U	6.3 U	13 U	6.3 U	NORMAL
SB-512-0810-D	SB-512	8	10	20071129	--	6.3 U	13 U	--	6.3 U	6.3 U	6.3 U	6.3 U	13 U	6.3 U	NORMAL
SB-513-0406	SB-513	4	6	20071129	--	5.9 U	12 U	--	5.9 U	5.9 U	5.9 U	5.9 U	12 UJ	5.9 U	NORMAL
SB-513-0810	SB-513	8	10	20071129	--	5.8 U	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	12 UJ	5.8 U	NORMAL
SB-514-0406	SB-514	4	6	20071129	--	6 U	12 U	--	6 U	6 U	6 U	6 U	12 UJ	6 U	NORMAL
SB-514-0810	SB-514	8	10	20071129	--	5.9 U	12 U	--	5.9 U	5.9 U	5.9 U	5.9 U	12 UJ	5.9 U	NORMAL
SB-514-0810-AVG	SB-514	8	10	20071129	--	5.9 U	12 U	--	5.9 U	5.9 U	5.9 U	5.9 U	12 U	5.9 U	NORMAL
SB-514-0810-D	SB-514	8	10	20071129	--	5.9 U	12 U	--	5.9 U	5.9 U	5.9 U	5.9 U	12 U	5.9 U	NORMAL
SB-515-0406	SB-515	4	6	20071129	--	6.1 U	12 U	--	6.1 U	6.1 U	6.1 U	6.1 U	12 UJ	3.5 J	NORMAL
SB-515-0810	SB-515	8	10	20071129	--	6.2 U	12 U	--	6.2 U	6.2 U	6.2 U	6.2 U	12 U	0.48 J	NORMAL
SB-517-0406	SB-517	4	6	20071130	--	6.1 U	12 U	--	6.1 U	6.1 U	6.1 U	6.1 U	12 U	6.1 U	NORMAL
SB-517-0810	SB-517	8	10	20071130	--	6.1 U	12 U	--	6.1 U	6.1 U	6.1 U	6.1 U	12 U	6.1 U	NORMAL
SB-518-0406	SB-518	4	6	20071130	--	6 U	12 U	--	6 U	6 U	6 U	6 U	12 U	6 U	NORMAL
SB-518-0810	SB-518	8	10	20071130	--	6.5 U	13 U	--	6.5 U	6.5 U	6.5 U	6.5 U	13 U	6.5 U	NORMAL
SB-519-0406	SB-519	4	6	20071130	--	5.8 U	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	NORMAL
SB-519-0810	SB-519	8	10	20071130	--	5.8 U	12 U	--	5.8 U	5.8 U	5.8 U	5.8 U	12 U	5.8 U	NORMAL
SB-520-0406	SB-520	4	6	20071130	--	6.1 U	12 U	--	6.1 U	6.1 U	6.1 U	6.1 U	12 U	6.1 U	NORMAL
SB-520-0810	SB-520	8	10	20071130	--	6 U	12 U	--	6 U	6 U	6 U	29	12 U	6 U	NORMAL
SB-541A-4	SB-541A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-542-3	SB-542	3	3	20081023	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-542-4	SB-542	4	4	20081023	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-543A-3	SB-543A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-543A-4	SB-543A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-545-4	SB-545	4	4	20081023	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-547-3	SB-547	3	3	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-547-4	SB-547	4	4	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-548-3	SB-548	3	3	20081023	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-548-4	SB-548	4	4	20081023	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-550A-3	SB-550A	3	3	20081111	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-550A-4	SB-550A	4	4	20081111	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-554-3	SB-554	3	3	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-554-4	SB-554	4	4	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-555-4	SB-555	4	4	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-555-6	SB-555	6	6	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-555-8	SB-555	8	8	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-556-4	SB-556	4	4	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-556-6	SB-556	6	6	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-556-8	SB-556	8	8	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-557-4	SB-557	4	4	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-557-6	SB-557	6	6	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-557-8	SB-557	8	8	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-558-4	SB-558	4	4	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-558-6	SB-558	6	6	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-558-8	SB-558	8	8	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-559-4	SB-559	4	4	20081022	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-559-6	SB-559	6	6	20081022	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-559-8	SB-559	8	8	20081022	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-560-4	SB-560	4	4	20081022	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-561-4	SB-561	4	4	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-561-6	SB-561	6	6	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-561-8	SB-561	8	8	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-561A-6	SB-561A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-561A-8	SB-561A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-562-4	SB-562	4	4	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-562-6	SB-562	6	6	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-562-8	SB-562	8	8	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-563-4	SB-563	4	4	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.2 UL	0.77 L	--	3.2 U
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM	URANIUM-233	URANIUM-234	URANIUM-235
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	3.2 U	9.5 B	--	5.4	--	4.8	--	0.12 U	--	4.8	3.6	3.2 UR	2.6 U	--	--	--	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	FLASHPOINT	HEXAVALENT CHROMIUM	TOTAL ORGANIC CARBON	PH	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (F)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	86	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	86	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	86	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	90	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	88	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	82	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	83	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	89	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	88	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	87.5	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	87	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	88	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	88	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	87	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	90	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	88	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	83	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	87	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	92	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	86	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	88	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	88	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	90	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	90	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	--	32 U	77	--	--	--	--	--	--	--	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	77	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268
					PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCB HOMOLOGS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	95 U	95 U	95 U	95 U	95 U	95 U	700	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	89 J	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	66	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	43 J	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	380 U	380 U	380 U	380 U	380 U	380 U	4000	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U	20 U	33	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	300	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	36 U	36 U	36 U	36 U	36 U	36 U	390	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	19 U	19 U	19 U	19 U	19 U	19 U	19 U	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	18 U	18 U	18 U	18 U	18 U	18 U	18 U	--	--
SB-6-05	SB-006	5	5	20031120	--	--	--	--	--	65 U	65 U	65 U	65 U	65 U	65 U	65 U	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U	21 U	21 U	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	15 U	19 U	24 U	13 U	9.7 U	17 U	70	12 U	16 U
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	14 U	19 U	24 U	13 U	9.4 U	17 U	11 U	12 U	15 U
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TOTAL AROCLOR	TOTAL AROCLOR HALFND	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	ALPHA-CHLORDANE	BETA-BHC	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN
					PCBS (UG/KG)	PCBS (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	700	985	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	0 U	70	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	0 U	70	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	89	146	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	66	123	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	43	100	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	4000	5140	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	33	93	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	300	357	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	390	498	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	0 U	66.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	0 U	63	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	0 U	227.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	0 U	71	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	70	132.85	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	0.00 U	67.2	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	GAMMA-CHLORDANE	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE
					PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PESTICIDES (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	--	--	--	--	--	--	--	26000 U	130 U	--	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	26000 U	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	4.1 U
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	3.6 UJ
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	3.6 UJ
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	19 J	--	--	56 U	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	22	--	--	54 U	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	430 U	430 U	430 U	430 U	430 U	430 U	182.30479	430 U	430 U	430 U	430 U
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	4.1 U	4.1 U	4.1 U	4.1 U
S-SB-964-2-3	E-SB-964	2	3	20120627	3.6 UJ	3.6 UJ	3.6 UJ	9 J	61.836	60.036	--	47 J	46 J	63 J	43 J
S-SB-964-3-4	E-SB-964	3	4	20120627	3.6 UJ	3.6 UJ	3.6 UJ	3.6 UJ	26.331	24.531	--	19 J	19 J	22 J	16 J
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	0 U	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	4.1 U	1.4 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	28 J	56 J	3.6 UJ	80 J	3.6 UJ	27 J	3.6 UJ	35 J	80 J	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	11 J	21 J	3.6 UJ	28 J	3.6 UJ	13 J	3.6 UJ	12 J	33 J	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214	POTASSIUM-40
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-233/234	URANIUM-234
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	0.98	0.829	0.77	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-235	URANIUM-235/236	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	--	--	430 U	--	430 U	1100 U	430 U	430 U	430 U	1100 U	430 U	430 U
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	4.3 U	27 U	12 U	31 U	11 U	24 U	24 U	26 U	21 U	26 U
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	4.1 U	26 U	11 U	29 U	10 U	24 U	24 U	25 U	20 U	25 U
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	0.0353 U	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	430 U	430 U	--	430 U	1100 U	430 U	430 U	430 U	1100 U	1000 U	430 U	430 U	430 U	430 U
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	0.55 U	10 U	0.61 U	13 U	11 U	10 U	24 U	22 U	20 U	11 U	16 U	26 U	21 U	16 U
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	0.53 U	9.6 U	0.59 U	13 U	11 U	9.8 U	24 U	21 U	19 U	11 U	15 U	25 U	20 U	15 U
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	1100 U	1100 U	--	--	430 U	--	430 U	--	--	--	--	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	32 U	21 U	37	0.43 U	11 U	92	11 U	366.555	366.15	15 U	350	270	420
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	31 U	20 U	6.5 J	0.41 U	11 U	12	11 U	48.2795	47.851	14 U	50	40	0.69 U
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	430 U	430 U	430 U	430 U	430 U	430 U	--	--	430 U	430 U	430 U	430 U
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	200	180	27 U	2.4 U	39 U	12 U	45 U	69	350	0.81 U	15 J	20 U	21 U	18 U
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	28	0.80 U	26 U	2.4 U	45 U	12 U	44 U	32 U	51	0.78 U	5.8 J	19 U	20 U	18 U
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	430 U	--	--	430 U	430 U	430 U	430 U	--	430 U	--	430 U	--	430 U	430 U
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	9.7 U	880	34	2.6 U	6.9 U	9.9 UJ	11 U	170	16 U	5.4 J	2.7 U	20 U	7.7 U	26 U
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	9.3 U	120	6.8 J	2.5 U	6.6 U	9.5 UJ	11 U	28	15 U	5.2 J	2.6 U	19 U	7.4 U	25 U
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)	TCLP METALS (MG/L)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	1100 U	--	430 U	--	--	--	--	--	--	--	--	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	11 U	510	8.9 U	660	--	--	0.0029 U	0.28 U	0.0027 J	0.0034 U	0.0086 J	0.00009 U	0.005 J
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	11 U	60	8.6 U	87	--	--	0.0068 J	0.16 U	0.00061 J	0.0025 U	0.0053 J	0.00009 U	0.0051 J
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,2-DIMETHYL-	1H-INDENE, 2,3-DIHYDRO-1,3-DIMETHYL-	1H-INDENE,2,3-DIHYDRO-2,2-DIMETHYL-	1-METHYL-4-(1-METHYLETHYL)-CYCLOHEXANE	2,2,5,6-TETRAMETHYL-1,3-OXATHIANE	2,6,10-TRIMETHYLDODECANE	2-METHYLBUTANE	2-PROPENAL, 2-METHYL-3-PHENYL-	3-FLUORO-4-METHOXYPHENYLACETONITRILE	5-AMINO-3-(2-THIENYL)PYRAZOLE	BENZENE, (2-METHYL-1-BUTENYL)-
					TCLP METALS (MG/L)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	0.00092 U	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	0.00092 U	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZENE, 1,2,3,5-TETRACHLORO-	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 2-ETHENYL-1,3,5-TRIMETHYL-	BICYCLO[2.2.1]HEPTANE, 2,2,3-TRIMETHYL-	CYCLOBUTANE, METHYL-	CYCLOHEXANE, 1-(CYCLOHEXYLMETHYL)-3-METHYL-,	CYCLOHEXANE, 1,3,5-TRIMETHYL-2-OCTADECYL-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYL)-	CYCLOHEXANE, 1-METHYL-4-(1-METHYLETHYLID	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	CYCLOHEXANE, PENTYL-	CYCLOHEXANONE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CYCLOHEXENE, 4-METHYL-1-(1-METHYLETHYL)-	CYCLOPENTANE	CYCLOPENTANE, 1,1'-ETHYLIDENEBIS	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHALENE	DIETHYL ETHER	HEPTANE, 4-METHYL-	HEPTANE, 5-ETHYL-2-METHYL-	HEXANE	HEXANE, 2,2,5-TRIMETHYL-	HEXANE, 2,3,4-TRIMETHYL-	HEXANE, 2,3,5-TRIMETHYL-	HEXANE, 2,4-DIMETHYL-
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXANE, 2,5-DIMETHYL-	METHYL ACETATE	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1,8-DIMETHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-6-METHYL-	NAPHTHALENE, 5-ETHYL-1,2,3,4-TETRAHYDRO-	NAPHTHALENE, DECAHYDRO-1,5-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2,6-DIMETHYL-	NAPHTHALENE, DECAHYDRO-2-METHYL-	NONANE, 3,7-DIMETHYL-	OCTANE, 3,6-DIMETHYL-	PENTANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PENTANE, 2,2,3-TRIMETHYL-	PENTANE, 2,3-DIMETHYL-	PENTANE, 2,4-DIMETHYL-	SILANOL, DIMETHYL(1,1,2-TRIMETHYLPROPYL)	TRANS-1,4-DICHLORO-2-BUTENE	UNDECANE, 2,6-DIMETHYL-	UNDECANE, 3,8-DIMETHYL-	UNDECANE, 5-ETHYL-	UNKNOWN [11.07]	UNKNOWN [2.15]	UNKNOWN [2.16]	UNKNOWN [2.17]
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	UNKNOWN [3.57]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	--	7 U	7 U	7 U	7 U	--	7 U	7 U	7 U	7 U	7 U	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	0.56 U	0.73 U	0.35 U	--	0.47 U	0.38 U	0.90 U	0.42 U	0.56 U	0.88 U	0.52 U
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	0.56 U	0.73 U	0.35 U	--	0.47 U	0.38 U	0.90 U	0.42 U	0.56 U	0.88 U	0.52 U
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	0.43 U	0.65 U	3.1 U	0.60 U	0.38 U	0.52 U	0.16 U	--	0.78 U	0.45 U	0.32 U	0.50 U
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	0.43 U	0.65 U	3 U	0.60 U	0.38 U	0.52 U	0.16 U	--	0.78 U	0.45 U	0.31 U	0.49 U
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	65 U	7 U	7 U	65 U	7 U	7 U	65 U	7 J	7 U	7 U
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	1 U	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	1.3 U	0.72 U	0.34 U	0.77 U	0.29 U	0.46 U	1.4 U	6.4 U	1 U	0.37 U
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	1.4 J	0.72 U	0.34 U	0.76 U	0.29 U	0.46 U	1.4 U	6.7 J	1 U	0.37 U
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	0.37 U	0.33 U	0.27 U	0.47 U	0.66 UJ	0.73 U	0.60 U	0.42 U	0.50 U	0.41 U	0.89 U
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	0.37 U	0.33 U	0.27 U	0.47 U	0.66 UJ	0.73 U	0.60 U	0.42 U	0.49 U	0.40 U	0.89 U
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	HEXANE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	7 U	7 U	7 U	7 U	--	--	7 U	7 U	--	7 U	19 U	--
SB-9-05	SB-009	5	5	20031118	--	--	--	--	--	--	1 U	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	0.32 U	0.80 U	0.47 U	0.32 U	0.66 U	0.46 U	0.36 U	0.45 U	--	0.23 U	0.47 U	--
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	1.4 J	0.80 U	0.47 U	0.31 U	0.66 U	0.46 U	0.36 U	0.45 U	--	0.22 U	0.47 U	--
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-05	SB-006	5	5	20031120	7 U	9 J	7 U	7 U	7 U	19 U	7 U	7 U	--	7 U	--	7 U
SB-9-05	SB-009	5	5	20031118	--	--	1 U	--	--	--	--	--	--	--	--	--
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	--	--
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	--	--
SUSP2-030816	SUSP2	2.5	2.5	20160308	0.48 U	0.83 U	0.39 U	0.66 U	0.68 U	0.64 U	1 U	0.45 U	0.48 U	0.75 U	6.4 U	0.90 U
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	0.48 U	1.1 U	0.39 U	0.66 U	0.67 U	0.64 U	1 U	0.45 U	0.48 U	0.75 U	6.4 U	0.90 U
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E2
Subsurface Soil (2-10 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
SB-563-6	SB-563	6	6	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-563-8	SB-563	8	8	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-564-4	SB-564	4	4	20081022	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-565-4	SB-565	4	4	20081022	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-566-4	SB-566	4	4	20081022	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-566-6	SB-566	6	6	20081022	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-566-8	SB-566	8	8	20081022	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-567-4	SB-567	4	4	20081023	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-568-4	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-568-4-AVG	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-568-4-D	SB-568	4	4	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-568-6	SB-568	6	6	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-568-8	SB-568	8	8	20081021	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-568A-6	SB-568A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-568A-8	SB-568A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-569-4	SB-569	4	4	20081022	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-569-6	SB-569	6	6	20081022	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-569-8	SB-569	8	8	20081022	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-570-4	SB-570	4	4	20081022	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-570-6	SB-570	6	6	20081022	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-570-8	SB-570	8	8	20081022	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-570A-6	SB-570A	6	6	20081111	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-570A-8	SB-570A	8	8	20081111	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-571-4	SB-571	4	4	20081023	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-6-05	SB-006	5	5	20031120	--	7 U	--	--	7 U	7 U	7 U	7 U	7 U	7 U	NORMAL
SB-9-05	SB-009	5	5	20031118	--	2	10	--	--	--	--	--	--	--	NORMAL
S-SB-963-2-2.5	E-SB-963	2	2.5	20120627	--	--	--	--	--	--	--	--	--	--	NORMAL
S-SB-964-2-3	E-SB-964	2	3	20120627	--	--	--	--	--	--	--	--	--	--	NORMAL
S-SB-964-3-4	E-SB-964	3	4	20120627	--	--	--	--	--	--	--	--	--	--	NORMAL
SUSP2-030816	SUSP2	2.5	2.5	20160308	--	0.30 U	0.61 U	0.00 U	0.36 U	0.33 U	0.43 U	0.33 U	0.74 U	0.34 U	NORMAL
SUSP2B-030816	SUSP2B	5.5	5.5	20160308	--	0.30 U	0.61 U	0.00 U	1 J	0.33 U	0.43 U	0.33 U	0.74 UJ	0.34 U	NORMAL
SUSP2RAD-030816	SUSP2RAD	5	5	20160308	--	--	--	--	--	--	--	--	--	--	NORMAL

mg/kg	milligrams per kilogram
ug/kg	micrograms per kilogram
Pci/g	picocuries per gram
Pci/L	picocuries per liter
ug/L	micrograms per liter
mg/L	milligrams per liter
U	The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted detection limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
UJ	The analyte was analyzed for, but was not detected. The reported detection limit is approximate and may be inaccurate or imprecise.
NJ	The analyte has been “tentatively identified” or “presumptively” as present and the associated numerical value is the estimated concentration in the sample.
R	The sample result (detected) is unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
UR	The sample result (nondetected) is unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
SS	Surface soil
SB	Soil boring

CB	Catch basin
RAD	Radiological sample
"D"	Field duplicate sample
AVG	Value is an average of initial and duplicate sample results.
BaPEq	Benzo(a)pyrene equivalents
PAH	Polycyclic aromatic hydrocarbons
PCB	Polychlorinated biphenyls
S.U.	A unitless scale of acidity (in pH)
TPH	Total petroleum hydrocarbons

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2 UL	1.5 UL
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9 UL	4.3 J
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.36 UL	0.62 J
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.46 UL	1.4 J
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.43 UL	4.4
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.41 L	7.7
E-SB-114A-13-16	E-SB-114A	13	16	20130708	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.044 J	1.7
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.4 J
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.3
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.1
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	15 J	13	0.18 U	19	13	13	--	6.4	--	0.02 U	1.4 U	40	2.3 U	0.51 U	0.56 U	--	--
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	25 J	5.3	0.17 U	44	25	14	--	16	--	0.016 U	1.3 U	60	2.2 U	0.48 U	0.53 U	--	--
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	14 J	2.1	0.033 U	14	17	14	--	3.8	--	0.02 U	0.25 U	26	0.41 U	0.092 U	0.51 U	--	--
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	15 J	1.4	0.043 U	20	5.8	9.2	--	5	--	0.02 U	0.32 U	15	0.53 U	0.12 U	0.65 U	--	--
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	13 J	2.7	0.043 J	19	14	12	--	6.1	--	0.019 U	0.29 U	39	0.49 U	0.15 J	0.6 U	--	--
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	21	7.4	0.14 J	28 J	33 K	17 K	--	14 J	--	0.016 UL	0.45 J	91 K	13	0.026 B	0.14 J	--	--
E-SB-114A-13-16	E-SB-114A	13	16	20130708	8.9	3.1	0.095 J	5 J	11	9.8	--	6.4 J	--	0.017 UL	0.16 J	17	4.9	0.018 B	0.066 J	--	--
E-SB-1412-13-14	E-SB-1412	13	14	20160308	10 J	--	0.12 J	7.3 J	--	--	--	12 J	--	0.038 J	--	--	0.36 U	0.067 U	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	34 J	--	0.34 J	13 J	--	--	--	39 J	--	0.13 J	--	--	0.32 U	0.06 U	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	19 J	--	0.14 J	12 J	--	--	--	8.5 J	--	0.052 J	--	--	0.37 U	0.068 U	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	HEXAVALENT CHROMIUM	PH	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	--	--	--	--	--	26	66	--	--	--	24 U	18 U	16 U	15 U	19 U
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U
E-CB-11A-18-20	E-CB-11A	18	20	20120720	--	--	--	--	--	77	59	--	--	--	25 U	19 U	17 U	16 U	20 U
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U
E-CB-11B-16-18	E-CB-11B	16	18	20120719	--	--	--	--	--	17	52	--	--	--	25 U	19 U	16 U	15 U	20 U
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U
E-CB-13-10-12	E-CB-13	10	12	20120720	--	--	--	--	--	31	23 J	--	--	--	26 U	20 U	17 U	16 U	21 U
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	21 U
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U
E-CB-2-12-14	E-CB-2	12	14	20120719	--	--	--	--	--	29	44	--	--	--	24 U	19 U	16 U	15 U	20 U
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--	--	--	27 U	20 U	18 U	17 U	22 U
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	--	--	--	--	--	56 K	110 K	--	0.32 U	--	25 U	19 U	17 U	16 U	20 U
E-SB-114A-13-16	E-SB-114A	13	16	20130708	--	--	--	--	--	9.6	330	--	0.32 U	--	25 U	19 U	17 U	15 U	20 U
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--	--	28 U	37 U	46 U	25 U	18 U
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--	--	14 U	18 U	23 U	12 U	9.1 U
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.7 U
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.6 U
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--	--	14 UJ	19 U	24 U	13 U	9.4 U
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--	--	7100 U	9500 U	12000 U	6500 U	4700 U
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--	--	1500 U	2000 U	2500 U	1400 U	1000 U
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	14000 U	19000 U	23000 U	13000 U	9300 U
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	14000 U	19000 U	23000 U	13000 U	9300 U
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	14000 U	19000 U	23000 U	13000 U	9300 U
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--	--	71 U	95 U	120 U	65 U	48 U
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--	--	74 U	99 U	120 U	68 U	50 U
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--	--	1500 U	2000 U	2500 U	1400 U	990 U
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--	--	1500 U	2000 U	2500 U	1400 U	990 U
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--	--	140 U	180 U	230 U	130 U	92 U
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--	--	7600 U	10000 U	13000 U	7000 U	5100 U
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--	--	15 U	20 U	25 U	14 U	92
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--	--	15 U	20 U	24 U	13 U	9.8 U
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--	--	16 U	21 U	27 U	15 U	11 U
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	17 U	23 U	28 U	16 U	11 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	19 U	70	--	--	70	125.5	--	--	--	52 U	11000 J
E-CB-11A-12-14	E-CB-11A	12	14	20120720	20 U	20 U	--	--	0 U	67	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	20 U	20 U	--	--	0 U	68.5	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	20 U	20 U	--	--	0 U	68.5	--	--	--	56 U	11000 UJ
E-CB-11B-12-14	E-CB-11B	12	14	20120719	20 U	20 U	--	--	0 U	67.5	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	20 U	20 U	--	--	0 U	67.5	--	--	--	54 U	17000 B
E-CB-11B-18-20	E-CB-11B	18	20	20120719	20 U	20 U	--	--	0 U	66.5	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	21 U	21 U	--	--	0 U	71	--	--	--	56 UJ	11000 UJ
E-CB-13-14-16	E-CB-13	14	16	20120720	21 U	21 U	--	--	0 U	70	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	19 U	19 U	--	--	0 U	65	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	21 U	21 U	--	--	0 U	71	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	20 U	20 U	--	--	0 U	67	--	--	--	180	13000 B
E-CB-2-16-18	E-CB-2	16	18	20120719	20 U	20 U	--	--	0 U	68	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	20 U	20 U	--	--	0 U	68.5	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	20 U	20 U	--	--	0 U	67.5	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	19 U	19 U	--	--	0 U	65	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	20 U	20 U	--	--	0 U	68.5	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	22 U	22 U	--	--	0 U	74	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	20 U	20 U	--	--	0 U	66.5	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	20 U	20 U	--	--	0 U	67.5	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	20 U	20 U	--	--	0 U	67	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	20 U	20 U	--	--	0 U	67	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	20 U	20 U	--	--	0 U	68.5	11 U	--	--	59 B	--
E-SB-114A-13-16	E-SB-114A	13	16	20130708	20 U	20 U	--	--	0 U	68	11 U	--	--	92 B	--
E-SB-1412-13-14	E-SB-1412	13	14	20160308	17 U	140	12 U	15 U	140	201.75	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	32 U	220	23 U	30 U	220	339.5	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	16 U	28 J	11 U	15 U	28	87.05	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	17 U	11 U	12 U	16 U	0 U	67.85	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	17 U	11 U	12 U	16 U	0 U	67.8	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	17 U	11 UJ	12 U	15 U	0 U	67.2	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	8300 U	130000	5900 U	7700 U	130000	160850	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	1800 U	23000	1300 U	1600 U	23000	29550	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	16000 U	740000	12000 U	15000 U	740000	800650	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	16000 U	640000	12000 U	15000 U	640000	700650	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	16000 U	540000	12000 U	15000 U	540000	600650	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	83 U	1400	60 U	77 U	1400	1709.5	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	87 U	1100	62 U	81 U	1100	1420.5	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	1700 U	27000	1200 U	1600 U	27000	33445	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	1700 U	37000	1200 U	1600 UJ	37000	43445	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	160 U	1900	110 U	150 UJ	1900	2496	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	8900 U	99000	6300 U	8200 UJ	99000	132050	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	18 U	260 J	13 U	17 UJ	352	413	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	17 U	39 J	12 U	16 UJ	39	102.4	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	19 U	97	13 U	17 UJ	97	166.5	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	20 U	33 J	14 U	18 UJ	33	106.5	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--	3.7 U
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	4 U	4 U	4 U	4 U	4 U	4 U	4 U	--	4 U
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	4.1 U
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	--	3.8 U
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	--	--	--	--	--	--	--	--	--
E-SB-114A-13-16	E-SB-114A	13	16	20130708	--	--	--	--	--	--	--	--	--
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	0.91 U	0.42 U	4.2 J	34.19	33.795	--	21
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	10	6.2 J	32	199.305	198.93	--	140
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	38	0.4 U	81	277.91	277.53	--	230
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	3.7 U	3.7 U	3.7 U	3.7 U	1.2 U	3.7 U	8.3	3.7 U	3.7 U
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	4 U	4 U	4 U	4 U	1.3 U	4 U	4 U	4 U	4 U
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	4.1 U	4.1 U	4.1 U	4.1 U	1.4 U	4.1 U	4.1 U	4.1 U	4.1 U
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	--	--	--	--	--	--	--	--	--
E-SB-114A-13-16	E-SB-114A	13	16	20130708	--	--	--	--	--	--	--	--	--
E-SB-1412-13-14	E-SB-1412	13	14	20160308	26	36	23	17	25	0.79 U	39	0.63 U	19
E-SB-1415-16-17	E-SB-1415	16	17	20160308	150	240	110	97	160	0.75 U	290	7.7	98
E-SB-1418-19-20	E-SB-1418	19	20	20160308	210	330	110	130	230	0.76 U	500	30	100
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	3.7 U	3.7 U	9.3	--	--	--	--	--
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	4 U	4 U	4 U	--	--	--	--	--
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	3.9 U	3.9 U	3.9 U	--	--	--	--	--
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	4.1 U	4.1 U	4.1 U	--	--	--	--	--
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	3.8 U	3.8 U	3.8 U	--	--	--	--	--
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	--	--	--	--	--	--	--	--
E-SB-114A-13-16	E-SB-114A	13	16	20130708	--	--	--	--	--	--	--	--
E-SB-1412-13-14	E-SB-1412	13	14	20160308	0.98 U	18	31	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	7.5 J	160	220	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	5.8 J	360	370	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	--	--	--	--	--	--	--	--	--	--
E-SB-114A-13-16	E-SB-114A	13	16	20130708	--	--	--	--	--	--	--	--	--	--
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	POTASSIUM-40	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	--	--	--	--	--	--	--	--
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	--	--	--	--	--	--	--	--
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	--	--	--	--	--	--	--	--
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	--	--	--	--	--	--	--	--
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	--	--	--	--	--	--	--	--
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	--	--	--	--	--	--	--	--
E-SB-114A-13-16	E-SB-114A	13	16	20130708	--	--	--	--	--	--	--	--
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	--	--	--	--	--	--	--	--	--
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	--	--	--	--	--	--	--	--	--
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	--	--	--	--	--	--	--	--	--
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	--	--	--	--	--	--	--	--	--
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	--	--	--	--	--	--	--	4.2 U	--
E-SB-114A-13-16	E-SB-114A	13	16	20130708	--	--	--	--	--	--	--	4.1 U	--
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	--	--	--	--	--	--	--	--	--
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	--	--	--	--	--	--	--	--	--
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	--	--	--	--	--	--	--	--	--
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	--	--	--	--	--	--	--	--	--
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	11 U	30 U	11 U	24 U	24 U	25 U	20 U	25 U	0.54 U
E-SB-114A-13-16	E-SB-114A	13	16	20130708	11 U	29 U	10 U	23 U	23 U	25 U	20 U	25 U	0.53 U
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	9.8 U	0.6 U	13 U	11 U	9.9 U	24 U	22 U	19 U	11 U	16 U
E-SB-114A-13-16	E-SB-114A	13	16	20130708	9.6 U	0.59 U	13 U	11 U	9.7 U	23 U	21 U	19 U	11 U	15 U
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	--	--	--	--	--	--	--	--	--
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	--	--	--	--	--	--	--	--	--
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	--	--	--	--	--	--	--	--	--
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	--	--	--	--	--	--	--	--	--
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	25 U	20 U	16 U	--	31 U	20 U	0.91 U	0.42 U	11 U
E-SB-114A-13-16	E-SB-114A	13	16	20130708	25 U	20 U	15 U	--	30 U	20 U	0.89 U	0.41 U	11 U
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	--	--	--	--	--	--	--	--	--
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	--	--	--	--	--	--	--	--	--
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	--	--	--	--	--	--	--	--	--
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	--	--	--	--	--	--	--	--	--
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	0.93 U	11 U	0.77 U	0.77 U	14 UJ	0.75 U	0.77 U	0.71 U	0.42 U
E-SB-114A-13-16	E-SB-114A	13	16	20130708	0.91 U	11 U	0.75 U	0.75 U	14 UJ	0.74 U	0.75 U	0.69 U	0.41 U
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	--	--	--	--	--	--	--	--	--
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	--	--	--	--	--	--	--	--	--
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	--	--	--	--	--	--	--	--	--
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	--	--	--	--	--	--	--	--	--
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	0.81 U	26 U	2.4 U	23 U	12 U	44 U	32 U	1.3 U	0.79 U
E-SB-114A-13-16	E-SB-114A	13	16	20130708	0.8 U	26 U	2.3 U	26 J	12 U	43 U	32 U	1.3 U	0.77 U
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	--	--	--	--	--	--	--	--	--
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	--	--	--	--	--	--	--	--	--
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	--	--	--	--	--	--	--	--	--
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	--	--	--	--	--	--	--	--	--
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	0.79 U	19 U	20 U	18 B	9.4 U	0.66 U	0.63 U	2.5 U	6.7 U
E-SB-114A-13-16	E-SB-114A	13	16	20130708	0.77 U	19 U	20 U	18 U	9.2 U	0.64 U	0.62 U	2.5 U	6.6 U
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	9.7 U	11 U	0.42 U	16 U	0.98 U	2.6 U	19 U	7.5 U	25 U	11 U	0.87 U
E-SB-114A-13-16	E-SB-114A	13	16	20130708	9.5 U	11 U	0.41 U	15 U	0.96 U	2.6 U	19 U	7.4 U	25 U	11 U	0.85 U
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PHENOL	PYRENE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	CYCLOTETRASILOXANE, OCTAMETHYL -	DIETHYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-2-12-14	E-CB-2	12	14	20120719	--	--	2100 NJ	--	--	--	--	--	--	--
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	--	--	--	--
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	--	--	--	--
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	--	--	--	--
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	--	--	--	--
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	--	--	--	--
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	--	--	--	--
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	--	--	--	--
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	--	--	--	--
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	--	--	--	--
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	--	--	--	--
E-SB-113A-12-14	E-SB-113A	12	14	20130708	8.7 U	0.53 U	--	--	--	--	--	--	--	--
E-SB-114A-13-16	E-SB-114A	13	16	20130708	8.5 U	0.52 U	--	--	--	--	--	--	--	--
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	--	--	--	--	--	--	0.61 U	0.55 U	0.33 U	--	1.3 U	0.35 U
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	--	--	--	--	--	--	0.54 U	0.49 U	0.3 U	--	1.1 U	0.31 U
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	--	--	--	--	--	--	0.55 U	0.5 U	0.3 U	--	1.1 U	0.32 U
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	--	--	--	--	--	--	0.51 U	0.46 U	0.28 U	--	1.1 U	0.3 U
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	--	--	--	--	--	--	0.93 U	0.84 U	0.51 U	--	1.9 U	0.54 U
E-CB-2-12-14	E-CB-2	12	14	20120719	--	--	--	--	--	--	9.5 U	22 U	9.3 U	--	41 U	18 U
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	--	--	--	--	--	--	0.55 U	0.5 U	0.3 U	--	1.2 U	0.32 U
E-SB-1024-12	E-SB-1024	12	12	20131003	--	--	--	--	--	--	0.51 U	0.46 U	0.28 U	--	1.1 U	0.3 U
E-SB-1025-12	E-SB-1025	12	12	20131003	--	--	--	--	--	--	0.5 U	0.45 U	0.27 U	--	1 U	0.29 U
E-SB-1026-12	E-SB-1026	12	12	20131002	--	--	--	--	--	--	0.56 U	0.5 U	0.31 U	--	1.2 U	0.32 U
E-SB-1027-12	E-SB-1027	12	12	20131002	--	--	--	--	--	--	0.51 U	0.46 U	0.28 U	--	1.1 U	0.3 U
E-SB-1028-10	E-SB-1028	10	10	20131002	--	--	--	--	--	--	0.55 U	0.5 U	0.3 U	--	1.2 U	0.32 U
E-SB-1028-12	E-SB-1028	12	12	20131002	--	--	--	--	--	--	0.53 U	0.48 U	0.29 U	--	1.1 U	0.31 U
E-SB-1029-10	E-SB-1029	10	10	20131002	--	--	--	--	--	--	8 U	18 U	7.8 U	--	34 U	15 U
E-SB-1029-12	E-SB-1029	12	12	20131002	--	--	--	--	--	--	0.55 U	0.49 U	0.3 U	--	1.1 U	0.32 U
E-SB-1030-10	E-SB-1030	10	10	20131002	--	--	--	--	--	--	8.1 U	19 U	7.9 U	--	35 U	15 U
E-SB-1030-12	E-SB-1030	12	12	20131002	--	--	--	--	--	--	7.1 U	16 U	7 U	--	31 U	13 U
E-SB-1031-12	E-SB-1031	12	12	20131002	--	--	--	--	--	--	0.51 U	0.46 U	0.28 U	--	1.1 U	0.29 U
E-SB-1032-12	E-SB-1032	12	12	20131002	--	--	--	--	--	--	46 U	110 U	45 U	--	200 U	86 U
E-SB-1033-12	E-SB-1033	12	12	20131002	--	--	--	--	--	--	0.5 U	0.46 U	0.28 U	--	1.1 U	0.29 U
E-SB-1034-12	E-SB-1034	12	12	20131001	--	--	--	--	--	--	0.54 U	0.49 U	0.3 U	--	1.1 U	0.31 U
E-SB-1035-12	E-SB-1035	12	12	20131001	--	--	--	--	--	--	30 U	70 U	29 U	--	130 U	56 U
E-SB-1036-12	E-SB-1036	12	12	20131001	--	--	--	--	--	--	7.6 U	18 U	7.5 U	--	33 U	14 U
E-SB-1037-12	E-SB-1037	12	12	20131001	--	--	--	--	--	--	0.51 U	0.46 U	0.28 U	--	1.1 U	0.3 U
E-SB-1038-12	E-SB-1038	12	12	20131001	--	--	--	--	--	--	17 U	39 U	17 U	--	73 U	32 U
E-SB-1039-12	E-SB-1039	12	12	20131001	--	--	--	--	--	--	8.2 U	19 U	8 U	--	35 U	15 U
E-SB-113A-12-14	E-SB-113A	12	14	20130708	--	--	--	--	--	--	0.52 U	0.47 U	0.29 U	--	1.1 U	0.3 U
E-SB-114A-13-16	E-SB-114A	13	16	20130708	--	--	--	--	--	--	8.8 U	20 U	8.6 U	--	38 U	17 U
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1-DICHLOROETHENE VOLATILES (UG/KG)	1,1-DICHLOROPROPENE VOLATILES (UG/KG)	1,2,3-TRICHLOROBENZENE VOLATILES (UG/KG)	1,2,3-TRICHLOROPROPANE VOLATILES (UG/KG)	1,2,3-TRIMETHYLBENZENE VOLATILES (UG/KG)	1,2,4-TRICHLOROBENZENE VOLATILES (UG/KG)	1,2,4-TRIMETHYLBENZENE VOLATILES (UG/KG)	1,2-DIBROMO-3-CHLOROPROPANE VOLATILES (UG/KG)	1,2-DIBROMOETHANE VOLATILES (UG/KG)	1,2-DICHLOROBENZENE VOLATILES (UG/KG)	1,2-DICHLOROETHANE VOLATILES (UG/KG)	1,2-DICHLOROPROPANE VOLATILES (UG/KG)	1,3,5-TRIMETHYLBENZENE VOLATILES (UG/KG)	1,3-DICHLOROBENZENE VOLATILES (UG/KG)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	0.51 U	0.3 U	0.37 U	0.89 U	0.17 U	0.27 U	0.64 U	1.3 U	0.49 U	0.35 U	0.33 U	0.68 U	--	0.34 U
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	0.45 U	0.26 U	0.33 U	0.78 U	0.15 U	0.24 U	0.57 U	1.1 U	0.44 U	0.31 U	0.3 U	0.6 U	--	0.3 U
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	0.46 U	0.27 U	0.34 U	0.8 U	0.15 U	0.24 U	0.57 U	1.1 U	0.44 U	0.32 U	0.3 U	0.61 U	--	0.31 U
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	0.43 U	0.25 U	0.5 B	0.74 U	0.14 U	2.1 J	0.54 U	1.1 U	0.41 U	0.3 U	0.28 U	0.57 U	--	0.29 U
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	0.78 U	0.45 U	13	1.3 U	0.25 U	51	0.97 U	1.9 U	0.75 U	2.1 J	210	1.5 J	--	0.52 U
E-CB-2-12-14	E-CB-2	12	14	20120719	19 U	10 U	11 J	22 U	0.18 U	37 J	5.2 U	52 U	10 U	9 U	300	8.6 U	--	5 U
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	0.46 U	0.27 U	0.34 U	0.8 U	0.15 U	0.24 U	0.58 U	1.2 U	0.45 U	0.32 U	0.3 U	0.62 U	--	0.31 U
E-SB-1024-12	E-SB-1024	12	12	20131003	0.43 U	0.25 U	0.31 U	0.74 U	0.14 U	0.22 U	0.54 U	1.1 U	0.41 U	0.3 U	0.28 U	0.57 U	--	0.29 U
E-SB-1025-12	E-SB-1025	12	12	20131003	0.42 U	0.24 U	0.31 U	0.72 U	0.14 U	0.22 U	0.52 U	1 U	0.4 U	0.29 U	0.27 U	0.55 U	--	0.28 U
E-SB-1026-12	E-SB-1026	12	12	20131002	0.47 U	0.27 U	0.34 U	0.81 U	0.15 U	0.24 U	0.58 U	1.2 U	0.45 U	0.32 U	0.31 U	0.62 U	--	0.31 U
E-SB-1027-12	E-SB-1027	12	12	20131002	0.43 U	0.25 U	0.31 U	0.74 U	0.14 U	0.22 U	0.53 U	1.1 U	0.41 U	0.3 U	0.28 U	0.57 U	--	0.29 U
E-SB-1028-10	E-SB-1028	10	10	20131002	0.46 U	0.27 U	0.34 U	0.8 U	0.15 U	0.24 U	0.58 U	1.2 U	0.45 U	0.32 U	0.3 U	0.62 U	--	0.31 U
E-SB-1028-12	E-SB-1028	12	12	20131002	0.45 U	0.26 U	0.33 U	0.77 U	0.15 U	0.23 U	0.56 U	1.1 U	0.43 U	0.31 U	0.29 U	0.59 U	--	0.3 U
E-SB-1029-10	E-SB-1029	10	10	20131002	16 U	8.8 U	8.8 U	18 U	0.15 U	6.4 U	4.4 U	44 U	8.8 U	7.6 U	8.8 U	7.2 U	--	4.2 U
E-SB-1029-12	E-SB-1029	12	12	20131002	0.46 U	0.26 U	0.34 U	0.79 U	0.15 U	0.24 U	0.57 U	1.1 U	0.44 U	0.32 U	0.3 U	0.61 U	--	0.31 U
E-SB-1030-10	E-SB-1030	10	10	20131002	16 U	8.9 U	8.9 U	19 U	0.15 U	6.5 U	4.5 U	45 U	8.9 U	7.7 U	8.9 U	7.3 U	--	4.3 U
E-SB-1030-12	E-SB-1030	12	12	20131002	14 U	7.8 U	7.8 U	16 U	0.13 U	5.7 U	3.9 U	39 U	7.8 U	6.7 U	7.8 U	6.4 U	--	3.8 U
E-SB-1031-12	E-SB-1031	12	12	20131002	0.42 U	0.24 U	0.31 U	0.73 U	0.14 U	0.22 U	0.53 U	1.1 U	0.41 U	0.29 U	0.28 U	0.56 U	--	0.29 U
E-SB-1032-12	E-SB-1032	12	12	20131002	91 U	51 U	51 U	110 U	0.86 U	37 U	25 U	250 U	51 U	44 U	51 U	42 U	--	24 U
E-SB-1033-12	E-SB-1033	12	12	20131002	0.42 U	0.24 U	0.31 U	0.73 U	0.14 U	0.22 U	0.53 U	1.1 U	0.41 U	0.29 U	0.28 U	0.56 U	--	0.28 U
E-SB-1034-12	E-SB-1034	12	12	20131001	0.45 U	0.26 U	0.33 U	0.79 U	0.15 U	0.24 U	0.57 U	1.1 U	0.44 U	0.31 U	0.3 U	0.6 U	--	0.31 U
E-SB-1035-12	E-SB-1035	12	12	20131001	60 U	33 U	33 U	70 U	0.56 U	24 U	17 U	170 U	33 U	28 U	33 U	27 U	--	16 U
E-SB-1036-12	E-SB-1036	12	12	20131001	15 U	8.4 U	8.4 U	18 U	0.14 U	6.1 U	4.2 U	42 U	8.4 U	7.2 U	8.4 U	6.9 U	--	4 U
E-SB-1037-12	E-SB-1037	12	12	20131001	0.43 U	0.25 U	0.31 U	0.74 U	0.14 U	0.22 U	0.54 U	1.1 U	0.41 U	0.3 U	0.28 U	0.57 U	--	0.29 U
E-SB-1038-12	E-SB-1038	12	12	20131001	34 U	19 U	19 U	39 U	0.32 U	14 U	9.4 U	94 U	19 U	16 U	19 U	15 U	--	9 U
E-SB-1039-12	E-SB-1039	12	12	20131001	16 U	9 U	9 U	19 U	0.15 U	6.6 U	4.5 U	45 U	9 U	7.7 U	9 U	7.4 U	--	4.3 U
E-SB-113A-12-14	E-SB-113A	12	14	20130708	0.44 U	0.25 U	0.32 U	0.76 U	0.14 U	0.33 J	0.55 U	1.1 U	0.42 U	0.3 U	0.29 U	0.58 U	--	0.3 U
E-SB-114A-13-16	E-SB-114A	13	16	20130708	17 U	9.7 U	68 J	20 U	0.17 U	330	4.9 U	49 U	9.7 U	8.4 U	890	8 U	--	4.7 U
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	0.33 U	0.65 U	0.93 U	1.4 U	1.4 U	0.39 U	0.62 U	0.4 U	0.21 U	0.53 U	10 J	0.23 U	0.32 U	0.7 U
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	0.3 U	0.57 U	0.82 U	1.2 U	1.2 U	0.35 U	0.55 U	0.36 U	0.18 U	0.47 U	13 J	0.2 U	0.29 U	0.62 U
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	0.3 U	0.58 U	0.83 U	2.8 J	1.2 UR	0.35 U	0.56 U	0.36 U	0.19 U	0.48 U	48	0.2 U	0.29 U	0.63 U
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	0.28 U	0.55 U	0.78 U	1.2 U	1.2 U	0.33 U	0.52 U	0.34 U	0.17 U	0.45 U	11 J	0.19 U	0.27 U	0.59 U
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	0.51 U	3.4 J	1.4 U	2.1 U	2.1 U	0.6 U	0.94 U	0.61 U	0.31 U	0.81 U	9.4 U	0.34 U	0.49 U	1.1 U
E-CB-2-12-14	E-CB-2	12	14	20120719	23 U	8.4 U	24 U	45 U	45 UR	9.4 U	21 U	10 U	5 U	50 U	180 U	13 U	14 U	14 U
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	0.3 U	0.59 U	0.84 U	1.2 U	1.2 U	0.36 U	0.56 U	0.37 U	0.19 U	0.48 U	5.6 U	0.21 U	0.29 U	0.63 U
E-SB-1024-12	E-SB-1024	12	12	20131003	0.28 U	0.54 U	0.78 U	1.2 U	1.2 U	0.33 U	0.52 U	0.34 U	0.17 U	0.45 U	5.2 U	0.19 U	0.27 U	0.59 U
E-SB-1025-12	E-SB-1025	12	12	20131003	0.27 U	0.53 U	0.75 U	1.1 U	1.1 U	0.32 U	0.51 U	0.33 U	0.17 U	0.43 U	5.1 U	0.18 U	0.27 U	0.57 U
E-SB-1026-12	E-SB-1026	12	12	20131002	0.31 U	0.59 U	0.85 U	1.3 U	1.3 U	0.36 U	0.57 U	0.37 U	0.19 U	0.49 U	5.7 U	0.21 U	0.3 U	0.64 U
E-SB-1027-12	E-SB-1027	12	12	20131002	0.28 U	0.54 U	0.77 U	1.2 U	1.2 U	0.33 U	0.52 U	0.34 U	0.17 U	0.44 U	28	0.19 U	0.27 U	0.58 U
E-SB-1028-10	E-SB-1028	10	10	20131002	0.3 U	0.59 U	0.84 U	1.2 U	1.2 U	0.36 U	0.56 U	0.37 U	0.19 U	0.48 U	5.6 U	0.21 U	0.29 U	0.63 U
E-SB-1028-12	E-SB-1028	12	12	20131002	0.29 U	0.57 U	0.81 U	1.2 U	1.2 U	0.34 U	0.54 U	0.35 U	0.18 U	0.46 U	5.4 U	0.2 U	0.28 U	0.61 U
E-SB-1029-10	E-SB-1029	10	10	20131002	19 U	7 U	20 U	38 U	38 U	7.9 U	18 U	8.7 U	4.2 U	42 U	620 B	11 U	11 U	11 U
E-SB-1029-12	E-SB-1029	12	12	20131002	0.3 U	0.58 U	0.83 U	1.2 U	1.2 U	0.35 U	0.56 U	0.36 U	0.19 U	0.48 U	5.6 U	0.2 U	0.29 U	0.63 U
E-SB-1030-10	E-SB-1030	10	10	20131002	20 U	7.1 U	21 U	38 U	38 U	8 U	18 U	8.8 U	4.3 U	43 U	200 B	11 U	12 U	12 U
E-SB-1030-12	E-SB-1030	12	12	20131002	17 U	6.3 U	18 U	34 U	34 U	7.1 U	16 U	7.8 U	3.8 U	38 U	200 B	9.4 U	10 U	10 U
E-SB-1031-12	E-SB-1031	12	12	20131002	0.28 U	0.54 U	0.77 U	1.1 U	1.1 U	0.33 U	0.51 U	0.33 U	0.17 U	0.44 U	5.1 U	0.19 U	0.27 U	0.58 U
E-SB-1032-12	E-SB-1032	12	12	20131002	110 U	40 U	120 U	220 U	220 U	46 U	100 U	50 U	24 U	240 U	2200 J	61 U	66 U	66 U
E-SB-1033-12	E-SB-1033	12	12	20131002	0.28 U	0.54 U	0.77 U	1.1 U	1.1 U	0.33 U	0.51 U	0.33 U	0.17 U	0.44 U	5.1 U	0.19 U	0.27 U	0.58 U
E-SB-1034-12	E-SB-1034	12	12	20131001	0.3 U	0.58 U	0.82 U	1.2 U	1.2 U	0.35 U	0.55 U	0.36 U	0.18 U	0.47 U	5.5 U	0.2 U	0.29 U	0.62 U
E-SB-1035-12	E-SB-1035	12	12	20131001	73 U	26 U	76 U	140 U	140 U	30 U	66 U	33 U	16 U	160 U	560 U	40 U	43 U	43 U
E-SB-1036-12	E-SB-1036	12	12	20131001	18 U	6.7 U	19 U	36 U	36 U	7.5 U	17 U	8.3 U	4 U	40 U	140 U	10 U	11 U	11 U
E-SB-1037-12	E-SB-1037	12	12	20131001	0.28 U	0.54 U	0.78 U	1.2 U	1.2 U	0.33 U	0.52 U	0.34 U	0.17 U	0.45 U	5.2 U	0.19 U	0.27 U	0.59 U
E-SB-1038-12	E-SB-1038	12	12	20131001	41 U	15 U	43 U	80 U	80 U	17 U	37 U	19 U	9 U	90 U	320 U	22 U	24 U	24 U
E-SB-1039-12	E-SB-1039	12	12	20131001	20 U	7.2 U	21 U	39 U	39 U	8.1 U	18 U	8.9 U	4.3 U	43 U	150 U	11 U	12 U	12 U
E-SB-113A-12-14	E-SB-113A	12	14	20130708	0.29 U	0.56 U	0.79 U	1.2 U	1.2 U	0.34 U	0.53 U	0.35 U	0.18 U	0.46 U	25 B	0.19 U	0.28 U	0.6 U
E-SB-114A-13-16	E-SB-114A	13	16	20130708	21 U	7.8 U	22 U	42 U	42 U	8.7 U	19 U	9.6 U	4.7 U	47 U	380 B	12 U	13 U	13 U
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMODICHLOROMETHANE VOLATILES (UG/KG)	BROMOFORM VOLATILES (UG/KG)	BROMOMETHANE VOLATILES (UG/KG)	CARBON DISULFIDE VOLATILES (UG/KG)	CARBON TETRACHLORIDE VOLATILES (UG/KG)	CHLOROBENZENE VOLATILES (UG/KG)	CHLORODIBROMOMETHANE VOLATILES (UG/KG)	CHLOROETHANE VOLATILES (UG/KG)	CHLOROFORM VOLATILES (UG/KG)	CHLOROMETHANE VOLATILES (UG/KG)	CIS-1,2-DICHLOROETHENE VOLATILES (UG/KG)	CIS-1,3-DICHLOROPROPENE VOLATILES (UG/KG)	DIBROMOMETHANE VOLATILES (UG/KG)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	0.28 U	0.32 U	0.53 U	3.3 B	0.36 U	0.32 U	0.54 U	0.85 U	0.29 U	0.4 U	0.35 U	0.33 U	0.62 U
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	0.24 U	0.29 U	0.47 U	0.38 U	0.32 U	0.29 U	0.48 U	0.75 U	0.25 U	0.36 U	0.31 U	0.3 U	0.55 U
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	0.25 U	0.29 U	0.48 U	0.39 U	0.33 U	0.29 U	0.49 U	0.76 U	0.26 U	0.36 U	0.32 U	0.3 U	0.56 U
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	0.23 U	0.27 U	0.45 U	0.36 U	0.31 U	0.27 U	0.45 U	0.71 U	0.24 U	0.34 U	0.3 U	0.28 U	0.52 U
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	0.42 U	0.49 U	0.81 U	0.66 U	0.55 U	130	0.82 U	1.3 U	0.43 U	0.61 U	0.54 U	0.51 U	0.94 U
E-CB-2-12-14	E-CB-2	12	14	20120719	10 U	20 U	30 U	13 U	6.7 U	270	13 U	64 U	9.2 U	15 U	7.2 U	8.3 U	15 U
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	0.25 U	0.29 U	0.48 U	0.39 U	0.33 U	0.29 U	0.49 U	0.77 U	0.26 U	0.37 U	9.3	0.3 U	0.56 U
E-SB-1024-12	E-SB-1024	12	12	20131003	0.23 U	0.27 U	0.45 U	0.36 U	0.31 U	0.27 U	0.45 U	0.71 U	0.24 U	0.34 U	0.3 U	0.28 U	0.52 U
E-SB-1025-12	E-SB-1025	12	12	20131003	0.22 U	0.27 U	0.43 U	0.35 U	0.3 U	0.27 U	0.44 U	0.69 U	0.23 U	0.33 U	0.29 U	0.27 U	0.51 U
E-SB-1026-12	E-SB-1026	12	12	20131002	0.25 U	0.3 U	0.49 U	0.4 U	0.33 U	0.3 U	0.49 U	0.77 U	0.26 U	0.37 U	0.32 U	0.31 U	0.57 U
E-SB-1027-12	E-SB-1027	12	12	20131002	0.23 U	0.27 U	0.44 U	0.36 U	0.3 U	0.27 U	0.45 U	0.71 U	0.24 U	0.34 U	2.5 J	0.28 U	0.52 U
E-SB-1028-10	E-SB-1028	10	10	20131002	0.25 U	0.29 U	0.48 U	0.39 U	0.33 U	0.29 U	0.49 U	0.77 U	0.26 U	0.37 U	0.32 U	0.3 U	0.56 U
E-SB-1028-12	E-SB-1028	12	12	20131002	0.24 U	0.28 U	0.46 U	0.38 U	0.32 U	0.28 U	0.47 U	0.74 U	0.25 U	0.35 U	0.31 U	0.29 U	0.54 U
E-SB-1029-10	E-SB-1029	10	10	20131002	8.7 U	17 U	26 U	11 U	5.6 U	5.6 U	11 U	54 U	7.7 U	12 U	190 J	7 U	12 U
E-SB-1029-12	E-SB-1029	12	12	20131002	0.25 U	0.29 U	0.48 U	0.39 U	0.33 U	0.29 U	0.49 U	0.76 U	0.26 U	0.36 U	0.32 U	0.3 U	0.56 U
E-SB-1030-10	E-SB-1030	10	10	20131002	8.8 U	17 U	26 U	11 U	5.7 U	5.7 U	11 U	54 U	7.8 U	12 U	6.2 U	7 U	12 U
E-SB-1030-12	E-SB-1030	12	12	20131002	7.8 U	15 U	23 U	9.4 U	5 U	5 U	9.4 U	48 U	6.9 U	11 U	5.4 U	6.2 U	11 U
E-SB-1031-12	E-SB-1031	12	12	20131002	0.23 U	0.27 U	0.44 U	0.36 U	0.3 U	0.27 U	0.45 U	0.7 U	0.24 U	0.33 U	0.29 U	0.28 U	0.51 U
E-SB-1032-12	E-SB-1032	12	12	20131002	50 U	96 U	150 U	61 U	32 U	32 U	61 U	310 U	45 U	71 U	35 U	40 U	71 U
E-SB-1033-12	E-SB-1033	12	12	20131002	0.23 U	0.27 U	0.44 U	0.36 U	0.3 U	0.27 U	0.45 U	0.7 U	0.24 U	0.33 U	4.3	0.28 U	0.51 U
E-SB-1034-12	E-SB-1034	12	12	20131001	0.24 U	0.29 U	0.47 U	1.1 J	0.32 U	0.29 U	0.48 U	0.75 U	0.25 U	0.36 U	0.31 U	0.3 U	0.55 U
E-SB-1035-12	E-SB-1035	12	12	20131001	33 U	63 U	96 U	40 U	21 U	21 U	40 U	200 U	29 U	46 U	23 U	26 U	46 U
E-SB-1036-12	E-SB-1036	12	12	20131001	8.3 U	16 U	24 U	10 U	5.4 U	5.4 U	10 U	51 U	7.4 U	12 U	59 J	6.6 U	12 U
E-SB-1037-12	E-SB-1037	12	12	20131001	0.23 U	0.27 U	0.45 U	0.36 U	0.31 U	0.27 U	0.45 U	0.71 U	0.24 U	0.34 U	0.3 U	0.28 U	0.52 U
E-SB-1038-12	E-SB-1038	12	12	20131001	19 U	36 U	54 U	22 U	12 U	12 U	22 U	110 U	16 U	26 U	13 U	15 U	26 U
E-SB-1039-12	E-SB-1039	12	12	20131001	8.9 U	17 U	26 U	11 U	5.7 U	5.7 U	11 U	55 U	7.9 U	13 U	15 J	7.1 U	13 U
E-SB-113A-12-14	E-SB-113A	12	14	20130708	0.24 U	0.28 U	0.46 U	0.37 U	0.31 U	0.28 U	0.46 U	0.73 U	0.25 U	0.35 U	0.3 U	0.29 U	0.53 U
E-SB-114A-13-16	E-SB-114A	13	16	20130708	9.6 U	18 U	28 U	12 U	6.2 U	590	12 U	59 U	8.6 U	14 U	6.7 U	7.7 U	14 U
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DICHLORODIFLUOROMETHANE VOLATILES (UG/KG)	DIISOPROPYL ETHER VOLATILES (UG/KG)	ETHYL TERT-BUTYL ETHER VOLATILES (UG/KG)	ETHYLBENZENE VOLATILES (UG/KG)	HEXACHLOROBUTADIENE VOLATILES (UG/KG)	ISOPROPYLBENZENE VOLATILES (UG/KG)	M+P-XYLENES VOLATILES (UG/KG)	METHYL TERT-BUTYL ETHER VOLATILES (UG/KG)	METHYLENE CHLORIDE VOLATILES (UG/KG)	NAPHTHALENE VOLATILES (UG/KG)	N-BUTYLBENZENE VOLATILES (UG/KG)	N-PROPYLBENZENE VOLATILES (UG/KG)	O-XYLENE VOLATILES (UG/KG)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	0.49 U	1.5 U	0.22 U	0.26 U	1.2 U	0.16 U	1.2 U	0.42 U	0.66 U	0.19 U	0.23 U	0.39 U	0.34 U
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	0.44 U	1.3 U	0.19 U	0.23 U	1 U	0.14 U	1 U	0.37 U	0.58 U	0.17 U	0.2 U	0.35 U	0.3 U
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	0.44 U	1.3 U	0.19 U	0.23 U	1.1 U	0.14 U	1.1 U	0.38 U	0.59 U	0.17 U	0.2 U	0.35 U	0.31 U
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	0.41 U	1.2 U	0.18 U	0.21 U	0.99 U	0.13 U	0.99 U	0.36 U	0.55 U	0.16 U	0.19 U	0.33 U	0.29 U
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	0.75 U	2.2 U	0.33 U	0.39 U	1.8 U	0.24 U	1.8 U	0.64 U	1 U	0.28 U	0.34 U	0.6 U	0.52 U
E-CB-2-12-14	E-CB-2	12	14	20120719	17 U	52 U	0.23 U	5.6 U	15 U	6.8 U	6.5 U	7.4 U	300	7 U	8.4 U	15 U	8.9 U
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	0.45 U	1.3 U	0.2 U	0.23 U	1.1 U	0.14 U	1.1 U	0.38 U	0.6 U	0.17 U	0.21 U	0.36 U	0.31 U
E-SB-1024-12	E-SB-1024	12	12	20131003	0.41 U	1.2 U	0.18 U	0.21 U	0.99 U	0.13 U	0.99 U	0.35 U	0.55 U	0.16 U	0.19 U	0.33 U	0.29 U
E-SB-1025-12	E-SB-1025	12	12	20131003	0.4 U	1.2 U	0.18 U	0.21 U	0.96 U	0.13 U	0.96 U	0.35 U	0.54 U	0.15 U	0.18 U	0.32 U	0.28 U
E-SB-1026-12	E-SB-1026	12	12	20131002	0.45 U	1.3 U	0.2 U	0.23 U	1.1 U	0.14 U	1.1 U	0.39 U	0.6 U	0.17 U	0.21 U	0.36 U	0.31 U
E-SB-1027-12	E-SB-1027	12	12	20131002	0.41 U	1.2 U	0.18 U	0.21 U	0.99 U	0.13 U	0.99 U	0.35 U	0.82 B	0.16 U	0.19 U	0.33 U	0.29 U
E-SB-1028-10	E-SB-1028	10	10	20131002	0.45 U	1.3 U	0.2 U	0.23 U	1.1 U	0.14 U	1.1 U	0.38 U	0.6 U	0.17 U	0.21 U	0.36 U	0.31 U
E-SB-1028-12	E-SB-1028	12	12	20131002	0.43 U	1.3 U	0.19 U	0.22 U	1 U	0.14 U	1 U	0.37 U	0.79 J	0.16 U	0.2 U	0.34 U	0.3 U
E-SB-1029-10	E-SB-1029	10	10	20131002	14 U	44 U	0.19 U	4.8 U	12 U	5.7 U	5.5 U	6.2 U	85 J	5.9 U	7 U	12 U	7.5 U
E-SB-1029-12	E-SB-1029	12	12	20131002	0.44 U	1.3 U	0.19 U	0.23 U	1.1 U	0.14 U	1.1 U	0.38 U	0.59 U	0.17 U	0.2 U	0.35 U	0.31 U
E-SB-1030-10	E-SB-1030	10	10	20131002	14 U	45 U	0.2 U	4.8 U	12 U	5.8 U	5.5 U	6.3 U	110 J	6 U	7.1 U	12 U	7.6 U
E-SB-1030-12	E-SB-1030	12	12	20131002	13 U	39 U	0.17 U	4.2 U	11 U	5.1 U	4.9 U	5.6 U	60 U	5.3 U	6.3 U	11 U	6.7 U
E-SB-1031-12	E-SB-1031	12	12	20131002	0.41 U	1.2 U	0.18 U	0.21 U	0.98 U	0.13 U	0.98 U	0.35 U	0.55 U	0.15 U	0.19 U	0.33 U	0.29 U
E-SB-1032-12	E-SB-1032	12	12	20131002	81 U	250 U	1.1 U	27 U	71 U	33 U	31 U	36 U	620 B	34 U	40 U	71 U	43 U
E-SB-1033-12	E-SB-1033	12	12	20131002	0.41 U	1.2 U	0.18 U	0.21 U	0.98 U	0.13 U	0.98 U	0.35 U	0.55 U	0.15 U	0.19 U	0.33 U	0.28 U
E-SB-1034-12	E-SB-1034	12	12	20131001	0.44 U	1.3 U	0.19 U	0.23 U	1 U	0.14 U	1 U	0.38 U	0.59 U	0.17 U	0.2 U	0.35 U	0.31 U
E-SB-1035-12	E-SB-1035	12	12	20131001	53 U	170 U	0.73 U	18 U	46 U	22 U	21 U	24 U	290 J	22 U	26 U	46 U	28 U
E-SB-1036-12	E-SB-1036	12	12	20131001	13 U	42 U	0.18 U	4.5 U	12 U	5.4 U	5.2 U	5.9 U	97 JB	5.6 U	6.7 U	12 U	7.1 U
E-SB-1037-12	E-SB-1037	12	12	20131001	0.41 U	1.2 U	0.18 U	0.21 U	0.99 U	0.13 U	0.99 U	0.36 U	0.55 U	0.16 U	0.19 U	0.33 U	0.29 U
E-SB-1038-12	E-SB-1038	12	12	20131001	30 U	94 U	0.41 U	10 U	26 U	12 U	12 U	13 U	310 J	13 U	15 U	26 U	16 U
E-SB-1039-12	E-SB-1039	12	12	20131001	14 U	45 U	0.2 U	4.8 U	13 U	5.8 U	5.6 U	6.4 U	69 U	6 U	7.2 U	13 U	7.6 U
E-SB-113A-12-14	E-SB-113A	12	14	20130708	0.42 U	1.3 U	0.19 U	0.22 U	1 U	0.14 U	1 U	0.36 U	3.5 B	0.16 U	0.19 U	0.34 U	0.3 U
E-SB-114A-13-16	E-SB-114A	13	16	20130708	16 U	49 U	0.21 U	5.2 U	14 U	6.3 U	6 U	6.9 U	260 B	7.1 J	7.8 U	14 U	8.3 U
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-CB-11A-10-12	E-CB-11A	10	12	20120720	0.18 U	0.15 U	0.36 U	0.29 U	7.5 UR	0.51 U	0.27 U	0.66 U	--	0.4 U	0.53 U	0.41 U	0.33 U	0.25 UR
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-18-20	E-CB-11A	18	20	20120720	0.16 U	0.13 U	0.32 U	0.25 U	6.6 UR	0.45 U	0.24 U	0.58 U	--	0.36 U	0.47 U	0.37 U	0.3 U	0.22 UR
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-16-18	E-CB-11B	16	18	20120719	0.16 U	0.13 U	0.33 U	0.26 U	6.7 UR	0.46 U	0.24 U	0.59 U	--	0.36 U	0.48 U	0.37 U	0.3 U	0.22 UR
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-10-12	E-CB-13	10	12	20120720	0.15 U	0.12 U	0.31 U	0.24 U	6.3 UR	0.43 U	0.24 J	0.55 U	--	0.34 U	0.45 U	0.35 U	0.28 U	0.21 UR
E-CB-13-14-16	E-CB-13	14	16	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-18-20	E-CB-13	18	20	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-10-12	E-CB-2	10	12	20120719	0.27 U	0.22 U	0.55 U	0.43 U	11 UR	0.78 U	0.4 U	1 U	--	0.61 U	0.81 U	1 J	0.51 U	0.37 UR
E-CB-2-12-14	E-CB-2	12	14	20120719	4.9 U	5.9 U	0.39 U	6.8 U	250 UR	13 U	23 J	8.5 U	--	9.6 U	21 U	10 U	17 U	24 UR
E-CB-2-16-18	E-CB-2	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1023-12	E-SB-1023	12	12	20131003	0.16 U	0.13 U	0.33 U	0.26 U	6.8 U	0.46 U	0.24 U	0.31 U	--	0.37 U	0.48 U	39	0.3 U	0.22 U
E-SB-1024-12	E-SB-1024	12	12	20131003	0.15 U	0.12 U	0.31 U	0.24 U	6.3 U	0.43 U	0.22 U	0.29 U	--	0.34 U	0.45 U	0.35 U	0.28 U	0.21 U
E-SB-1025-12	E-SB-1025	12	12	20131003	0.14 U	0.12 U	0.3 U	0.23 U	6.1 U	0.42 U	0.22 U	0.28 U	--	0.33 U	0.43 U	0.34 U	0.27 U	0.2 U
E-SB-1026-12	E-SB-1026	12	12	20131002	0.16 U	0.13 U	0.33 U	0.26 U	6.8 U	0.47 U	0.24 U	0.31 U	--	0.94 J	0.49 U	0.52 J	0.31 U	0.22 U
E-SB-1027-12	E-SB-1027	12	12	20131002	0.15 U	0.12 U	0.3 U	0.24 U	6.2 U	0.43 U	0.22 U	0.29 U	--	0.34 U	0.44 U	23	0.28 U	0.21 U
E-SB-1028-10	E-SB-1028	10	10	20131002	0.16 U	0.13 U	0.33 U	0.26 U	6.8 U	0.46 U	0.24 U	0.31 U	--	0.37 U	0.48 U	49	0.3 U	0.22 U
E-SB-1028-12	E-SB-1028	12	12	20131002	0.15 U	0.13 U	0.32 U	0.25 U	6.5 U	0.45 U	0.39 J	0.3 U	--	0.35 U	0.46 U	16	0.29 U	0.22 U
E-SB-1029-10	E-SB-1029	10	10	20131002	4.1 U	4.9 U	0.33 U	5.7 U	210 U	11 U	15 U	5.5 U	--	8.1 U	18 U	4800	14 U	20 U
E-SB-1029-12	E-SB-1029	12	12	20131002	0.16 U	0.13 U	0.33 U	0.26 U	6.7 U	0.46 U	0.24 U	0.31 U	--	0.36 U	0.48 U	6.9	0.3 U	0.22 U
E-SB-1030-10	E-SB-1030	10	10	20131002	4.2 U	5 U	0.33 U	5.8 U	210 U	11 U	15 U	5.5 U	--	8.2 U	18 U	1400	14 U	21 U
E-SB-1030-12	E-SB-1030	12	12	20131002	3.7 U	4.4 U	0.29 U	5.1 U	190 U	9.4 U	13 U	4.9 U	--	7.2 U	16 U	1900	13 U	18 U
E-SB-1031-12	E-SB-1031	12	12	20131002	0.15 U	0.12 U	0.3 U	0.24 U	6.2 U	0.42 U	0.22 U	0.29 U	--	0.33 U	0.44 U	0.54 J	0.28 U	0.2 U
E-SB-1032-12	E-SB-1032	12	12	20131002	24 U	28 U	1.9 U	33 U	1200 U	61 U	86 U	31 U	--	47 U	100 U	43000	81 U	120 U
E-SB-1033-12	E-SB-1033	12	12	20131002	0.15 U	0.12 U	0.3 U	0.24 U	6.2 U	0.42 U	0.22 U	0.28 U	--	0.33 U	0.44 U	340 J	0.28 U	0.2 U
E-SB-1034-12	E-SB-1034	12	12	20131001	0.16 U	0.13 U	0.32 U	0.25 U	6.6 U	0.45 U	0.24 U	0.31 U	--	0.36 U	0.47 U	0.37 U	0.3 U	0.22 U
E-SB-1035-12	E-SB-1035	12	12	20131001	16 U	19 U	1.2 U	22 U	790 U	40 U	56 U	21 U	--	30 U	66 U	15000	53 U	76 U
E-SB-1036-12	E-SB-1036	12	12	20131001	3.9 U	4.7 U	0.31 U	5.4 U	200 U	10 U	14 U	5.2 U	--	7.7 U	17 U	940	13 U	19 U
E-SB-1037-12	E-SB-1037	12	12	20131001	0.15 U	0.12 U	0.31 U	0.24 U	6.3 U	0.43 U	0.22 U	0.29 U	--	0.34 U	0.45 U	0.35 U	0.28 U	0.21 U
E-SB-1038-12	E-SB-1038	12	12	20131001	8.8 U	10 U	0.69 U	12 U	450 U	22 U	32 U	12 U	--	17 U	37 U	7800	30 U	43 U
E-SB-1039-12	E-SB-1039	12	12	20131001	4.2 U	5 U	0.33 U	5.8 U	220 U	11 U	15 U	5.6 U	--	8.3 U	18 U	650	14 U	21 U
E-SB-113A-12-14	E-SB-113A	12	14	20130708	0.15 U	0.13 U	0.31 U	0.25 U	6.4 UR	0.44 U	0.23 U	0.57 U	--	0.35 U	0.46 U	0.35 U	0.29 U	0.21 UR
E-SB-114A-13-16	E-SB-114A	13	16	20130708	4.6 U	5.4 U	0.36 U	6.3 U	230 UR	12 U	17 U	7.9 U	--	8.9 U	19 U	9.4 U	16 U	22 UR
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	VINYL CHLORIDE VOLATILES (UG/KG)	type
E-CB-11A-10-12	E-CB-11A	10	12	20120720	0.38 U	NORMAL
E-CB-11A-12-14	E-CB-11A	12	14	20120720	--	NORMAL
E-CB-11A-16-18	E-CB-11A	16	18	20120720	--	NORMAL
E-CB-11A-18-20	E-CB-11A	18	20	20120720	0.34 U	NORMAL
E-CB-11B-12-14	E-CB-11B	12	14	20120719	--	NORMAL
E-CB-11B-16-18	E-CB-11B	16	18	20120719	0.34 U	NORMAL
E-CB-11B-18-20	E-CB-11B	18	20	20120719	--	NORMAL
E-CB-13-10-12	E-CB-13	10	12	20120720	0.32 U	NORMAL
E-CB-13-14-16	E-CB-13	14	16	20120720	--	NORMAL
E-CB-13-18-20	E-CB-13	18	20	20120720	--	NORMAL
E-CB-2-10-12	E-CB-2	10	12	20120719	0.58 U	NORMAL
E-CB-2-12-14	E-CB-2	12	14	20120719	19 U	NORMAL
E-CB-2-16-18	E-CB-2	16	18	20120719	--	NORMAL
E-SB-1023-12	E-SB-1023	12	12	20131003	0.91 J	NORMAL
E-SB-1024-12	E-SB-1024	12	12	20131003	0.32 U	NORMAL
E-SB-1025-12	E-SB-1025	12	12	20131003	0.31 U	NORMAL
E-SB-1026-12	E-SB-1026	12	12	20131002	0.35 U	NORMAL
E-SB-1027-12	E-SB-1027	12	12	20131002	0.32 U	NORMAL
E-SB-1028-10	E-SB-1028	10	10	20131002	0.35 U	NORMAL
E-SB-1028-12	E-SB-1028	12	12	20131002	0.34 U	NORMAL
E-SB-1029-10	E-SB-1029	10	10	20131002	17 J	NORMAL
E-SB-1029-12	E-SB-1029	12	12	20131002	0.34 U	NORMAL
E-SB-1030-10	E-SB-1030	10	10	20131002	16 U	NORMAL
E-SB-1030-12	E-SB-1030	12	12	20131002	14 U	NORMAL
E-SB-1031-12	E-SB-1031	12	12	20131002	0.32 U	NORMAL
E-SB-1032-12	E-SB-1032	12	12	20131002	91 U	NORMAL
E-SB-1033-12	E-SB-1033	12	12	20131002	0.32 U	NORMAL
E-SB-1034-12	E-SB-1034	12	12	20131001	0.34 U	NORMAL
E-SB-1035-12	E-SB-1035	12	12	20131001	60 U	NORMAL
E-SB-1036-12	E-SB-1036	12	12	20131001	15 U	NORMAL
E-SB-1037-12	E-SB-1037	12	12	20131001	0.32 U	NORMAL
E-SB-1038-12	E-SB-1038	12	12	20131001	34 U	NORMAL
E-SB-1039-12	E-SB-1039	12	12	20131001	16 U	NORMAL
E-SB-113A-12-14	E-SB-113A	12	14	20130708	0.33 U	NORMAL
E-SB-114A-13-16	E-SB-114A	13	16	20130708	17 U	NORMAL
E-SB-1412-13-14	E-SB-1412	13	14	20160308	--	NORMAL
E-SB-1415-16-17	E-SB-1415	16	17	20160308	--	NORMAL
E-SB-1418-19-20	E-SB-1418	19	20	20160308	--	NORMAL
E-SB-1440-10-12	E-SB-1440	10	12	20160330	--	NORMAL
E-SB-1440-12-14	E-SB-1440	12	14	20160330	--	NORMAL
E-SB-1440-14-16	E-SB-1440	14	16	20160330	--	NORMAL
E-SB-1462-10-12	E-SB-1462	10	12	20160225	--	NORMAL
E-SB-1462-12-14	E-SB-1462	12	14	20160225	--	NORMAL
E-SB-1463-10-12	E-SB-1463	10	12	20160225	--	NORMAL
E-SB-1463-10-12-AVG	E-SB-1463	10	12	20160225	--	NORMAL
E-SB-1463-10-12-D	E-SB-1463	10	12	20160225	--	NORMAL
E-SB-1463-12-14	E-SB-1463	12	14	20160225	--	NORMAL
E-SB-1464-10-12	E-SB-1464	10	12	20160225	--	NORMAL
E-SB-1464-12-14	E-SB-1464	12	14	20160225	--	NORMAL
E-SB-1465-10-12	E-SB-1465	10	12	20160225	--	NORMAL
E-SB-1465-12-14	E-SB-1465	12	14	20160225	--	NORMAL
E-SB-1465-14-16	E-SB-1465	14	16	20160225	--	NORMAL
E-SB-1466-10-12	E-SB-1466	10	12	20160225	--	NORMAL
E-SB-1466-12-14	E-SB-1466	12	14	20160225	--	NORMAL
E-SB-1466-14-16	E-SB-1466	14	16	20160225	--	NORMAL
E-SB-1467-10-12	E-SB-1467	10	12	20160225	--	NORMAL

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.1	180
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	HEXAVALENT CHROMIUM	PH	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.6 U
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	14 U	18.5 U	23 U	13 U	9.25 U
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--	--	15 U	19 U	24 U	13 U	9.7 U
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--	--	3200 U	4200 U	5300 U	2900 U	2100 U
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.7 U
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.4 U
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--	--	72 U	96 U	120 U	66 U	48 U
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	74 U	99 U	120 U	68 U	50 U
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	74.5 U	99.5 U	125 U	68.5 U	50 U
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	75 U	100 U	130 U	69 U	50 U
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	15000 U	20000 U	24000 U	13000 U	9800 U
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	15000 U	20000 U	24500 U	13500 U	9900 U
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	15000 U	20000 U	25000 U	14000 U	10000 U
E-SB-1470-10-15	E-SB-1470	10	15	20160329	0.01 U	0.14	13	0.034 J	150	--	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--	--	15000 U	20000 U	24000 U	13000 U	9800 U
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--	--	290 U	380 U	480 U	260 U	190 U
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--	--	1400 U	1900 U	2300 U	1300 U	940 U
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--	--	15000 U	19000 U	24000 U	13000 U	9700 U
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	150 U	200 U	250 U	140 U	99 U
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	225 U	300 U	375 U	205 U	149.5 U
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	300 U	400 U	500 U	270 U	200 U
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--	--	16 U	22 U	27 U	15 U	11 U
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--	--	150 U	200 U	250 U	140 U	99 U
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--	--	77 U	100 U	130 U	70 U	51 U
E-SB-1474-12-16	E-SB-1474	12	16	20160229	--	--	--	--	--	--	--	--	--	--	1400 U	1900 U	2300 U	1300 U	930 U
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--	--	150 U	200 U	250 U	140 U	99 U
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--	--	15 U	20 U	25 U	14 U	9.9 U
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	290 U	390 U	480 U	270 U	190 U
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	70145 U	95195 U	120240 U	65135 U	48095 U
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	140000 U	190000 U	240000 U	130000 U	96000 U
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--	--	15000 U	20000 U	25000 U	14000 U	10000 U
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--	--	76 U	100 U	130 U	70 U	51 U
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--	--	690000 U	930000 U	1E+06 U	640000 U	460000 U
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--	--	1400 U	1900 U	2300 U	1300 U	930 U
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--	--	7300 U	9700 U	12000 U	6700 U	4900 U
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--	--	3000 U	4000 U	4900 U	2700 U	2000 U
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--	--	14000 U	18000 U	23000 U	13000 U	9200 U
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--	--	71 U	95 U	120 U	65 U	47 U
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.4 U
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--	--	15 U	20 U	25 U	14 U	10 U
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--	--	15 U	20 U	25 U	14 U	9.8 U
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--	--	140 U	190 U	240 U	130 U	96 U
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.4 U
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--	--	74000 U	99000 U	120000 U	68000 U	49000 U
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.3 U
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--	--	14 U	19 U	23 U	13 U	9.4 U
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--	--	76 U	100 U	130 U	69 U	50 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	16 U	10 U	11 U	15 UJ	0 U	64.6	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	17 U	11 U	12 U	16 UJ	0 U	67.8	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	16 U	10 U	12 U	15 UJ	0 U	65.65	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	16 U	10 U	12 U	15 U	0 U	65.375	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	16 U	10 U	12 U	15 UJ	0 U	65.1	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	17 U	11 U	12 U	16 U	0 U	68.35	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	3700 U	43000	2600 U	3400 U	43000	56700	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	17 U	110	12 U	15 U	110	171.75	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	17 U	11 U	12 U	16 U	0 U	67.85	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	17 U	450	12 U	15 U	450	511.75	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	17 U	110	12 U	15 U	110	171.7	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	84 U	1700	60 U	78 U	1700	2012	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	87 U	1200	62 U	81 U	1200	1520.5	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	87.5 U	1150	62.5 U	81 U	1150	1474.3	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	88 U	1100	63 U	81 U	1100	1428	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	17000 U	210000	12000 U	16000 U	210000	273400	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	17000 U	195000	12000 U	16000 U	195000	258950	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	17000 U	180000	12000 U	16000 U	180000	244500	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	17000 U	110000	12000 U	16000 U	110000	173400	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	330 U	4800	240 U	310 U	4800	6040	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	17 U	450	12 U	15 U	450	511.75	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	1600 U	48000	1200 U	1500 U	48000	54070	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	17000 U	390000	12000 U	16000 U	390000	452850	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	170 U	5700	120 U	160 U	5700	6344.5	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	260 U	7250	185 U	240 U	7250	8219.8	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	350 U	8800	250 U	320 U	8800	10095	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	19 U	800	14 U	18 U	800	871	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	170 U	3200	120 U	160 U	3200	3844.5	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	89 U	1400	64 U	83 U	1400	1732	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	1600 U	21000	1200 U	1500 U	21000	27065	--	--	--	--	--
E-SB-1474-16-20	E-SB-1474	16	20	20160229	170 U	3900	120 U	160 U	3900	4544.5	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	17 U	710	12 U	16 U	710	774.45	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	17 U	99	12 U	15 U	99	160.75	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	340 U	7200 J	240 U	310 U	7200	8455	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	85170 U	953600	60120 U	80155 U	953600	1E+06	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	170000 U	2E+06 J	120000 U	160000 U	2E+06	3E+06	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	17000 U	240000	12000 U	16000 U	240000	304500	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	89 U	1000	63 U	83 U	1000	1331	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	810000 U	2E+06	580000 U	750000 U	2E+06	5E+06	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	1600 U	49000	1200 U	1500 U	49000	55065	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	8500 U	48000	6100 U	7900 U	48000	79550	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	3500 U	21000	2500 U	3200 U	21000	33900	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	16000 U	52000	12000 U	15000 U	52000	112100	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	83 U	230	59 U	77 U	230	538.5	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	16 U	13 J	12 U	15 U	13	73.1	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	16 U	27 J	12 U	15 U	27	87.7	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	17 U	11 U	12 U	15 U	0 U	67.25	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	18 U	11 U	13 U	16 U	0 U	71	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	17 U	11 U	12 U	16 U	0 U	69.9	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	170 U	2800	120 U	160 U	2800	3423	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	16 U	310	12 U	15 U	310	370.7	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	87000 U	850000	62000 U	80000 U	850000	1E+06	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	16 U	13 J	12 U	15 U	13	73.65	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	16 U	11 U	12 U	15 U	0 U	66.2	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	88 U	810	63 U	82 U	810	1139	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	--	--	0.88 U	0.4 U	0.9 U	0.74 U	0.74 U	--	0.73 U
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	0.74 U	0.68 U	0.4 U	0.79 U	1.3 U	0.76 U	0.64 U	0.61 U	0.4 U
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	1.63	1.44	1.64
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	0.95 U	0.84 U	0.51 U	0 U	5.765	--	--	--
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	1650	47.7	131	-0.148 U	1.73	0 U	0.86	1.79 U	1.72	1.34
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	POTASSIUM-40	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	9.96	0.998 U	89.5	0.86	1.73	0.64	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	--	--	--	--	--	--	--	--
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	1.73	54.8	-0.201 U	851	30	2.21	54.8	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	--	--	--	--	--	--	--	--	--
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	--	--	--	--	--	--	--	--	--
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	--	--	--	--	--	--	--	--	--
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	--	--	--	--	--	--	--	--	--
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	--	--	--	--	--	--	--	--	--
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	--	--	--	--	--	--	--	--	--
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PHENOL	PYRENE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	CYCLOTETRASILOXANE, OCTAMETHYL -	DIETHYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	--	--	--	--	470 NJ	--	--	--	--	--
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	--	--	--	--	--	--	72 U	40 U	37 U	--	62 U	51 U
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	44 U	56 U	1400	150 U	19 U	6600	19 U	100 U	47 U	130 J	1900	47 U	--	44 U
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	34 U	160 J	76 U	110 U	110 U	60 U	120 U	38 U	37 U	82 U	330 U	20 J	19 U	100 U
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	56 U	89 U	75 U	82 U	26 U	550	29 U	75 U	53 U	70 U	56 U	32 U	73 U
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	89 U	76 U	23 U	51 U	64 U	19 U	29 U	44 U	120 U	38 U	31 U	89 U	25 U
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1474-12-16	E-SB-1474	12	16	20160229	23 U	40 U	62 U	50 U	1200 U	40 U	15 U	47 U	0 U	38 U	38 U	57 U	51 U	150 U
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	VINYL CHLORIDE VOLATILES (UG/KG)	type
E-SB-1467-12-14	E-SB-1467	12	14	20160225	--	NORMAL
E-SB-1467-14-16	E-SB-1467	14	16	20160225	--	NORMAL
E-SB-1467-16-18	E-SB-1467	16	18	20160225	--	NORMAL
E-SB-1467-16-18-AVG	E-SB-1467	16	18	20160225	--	NORMAL
E-SB-1467-16-18-D	E-SB-1467	16	18	20160225	--	NORMAL
E-SB-1468-10-12	E-SB-1468	10	12	20160329	--	NORMAL
E-SB-1468-12-14	E-SB-1468	12	14	20160329	--	NORMAL
E-SB-1468-14-16	E-SB-1468	14	16	20160329	--	NORMAL
E-SB-1468-16-18	E-SB-1468	16	18	20160329	--	NORMAL
E-SB-1469-10-12	E-SB-1469	10	12	20160229	--	NORMAL
E-SB-1469-12-14	E-SB-1469	12	14	20160229	--	NORMAL
E-SB-1469-14-16	E-SB-1469	14	16	20160229	--	NORMAL
E-SB-1469-16-18	E-SB-1469	16	18	20160229	--	NORMAL
E-SB-1469-16-18-AVG	E-SB-1469	16	18	20160229	--	NORMAL
E-SB-1469-16-18-D	E-SB-1469	16	18	20160229	--	NORMAL
E-SB-1470-10-12	E-SB-1470	10	12	20160329	--	NORMAL
E-SB-1470-10-12-AVG	E-SB-1470	10	12	20160329	--	NORMAL
E-SB-1470-10-12-D	E-SB-1470	10	12	20160329	--	NORMAL
E-SB-1470-10-15	E-SB-1470	10	15	20160329	--	NORMAL
E-SB-1470-12-14	E-SB-1470	12	14	20160329	--	NORMAL
E-SB-1470-14-16	E-SB-1470	14	16	20160329	--	NORMAL
E-SB-1470-16-18	E-SB-1470	16	18	20160329	--	NORMAL
E-SB-1471-12-16	E-SB-1471	12	16	20160329	--	NORMAL
E-SB-1471-16-20	E-SB-1471	16	20	20160329	--	NORMAL
E-SB-1472-12-16	E-SB-1472	12	16	20160330	--	NORMAL
E-SB-1472-12-16-AVG	E-SB-1472	12	16	20160330	--	NORMAL
E-SB-1472-12-16-D	E-SB-1472	12	16	20160330	--	NORMAL
E-SB-1472-16-20	E-SB-1472	16	20	20160330	--	NORMAL
E-SB-1473-12-16	E-SB-1473	12	16	20160330	--	NORMAL
E-SB-1473-16-20	E-SB-1473	16	20	20160330	--	NORMAL
E-SB-1474-12-16	E-SB-1474	12	16	20160229	25 U	NORMAL
E-SB-1474-16-20	E-SB-1474	16	20	20160229	--	NORMAL
E-SB-1475-12-16	E-SB-1475	12	16	20160329	--	NORMAL
E-SB-1475-16-20	E-SB-1475	16	20	20160329	--	NORMAL
E-SB-1476-12-16	E-SB-1476	12	16	20160329	--	NORMAL
E-SB-1476-12-16-AVG	E-SB-1476	12	16	20160329	--	NORMAL
E-SB-1476-12-16-D	E-SB-1476	12	16	20160329	--	NORMAL
E-SB-1476-16-20	E-SB-1476	16	20	20160329	--	NORMAL
E-SB-1494-10-12	E-SB-1494	10	12	20160331	--	NORMAL
E-SB-1494-12-14	E-SB-1494	12	14	20160331	--	NORMAL
E-SB-1494-14-16	E-SB-1494	14	16	20160331	--	NORMAL
E-SB-1502-10-12	E-SB-1502	10	12	20160307	--	NORMAL
E-SB-1502-12-14	E-SB-1502	12	14	20160307	--	NORMAL
E-SB-1502-14-16	E-SB-1502	14	16	20160307	--	NORMAL
E-SB-1510-10-12	E-SB-1510	10	12	20160307	--	NORMAL
E-SB-1510-12-14	E-SB-1510	12	14	20160307	--	NORMAL
E-SB-1510-14-16	E-SB-1510	14	16	20160307	--	NORMAL
E-SB-1530-10-12	E-SB-1530	10	12	20160303	--	NORMAL
E-SB-1530-12-14	E-SB-1530	12	14	20160303	--	NORMAL
E-SB-1530-14-16	E-SB-1530	14	16	20160303	--	NORMAL
E-SB-1531-10-12	E-SB-1531	10	12	20160303	--	NORMAL
E-SB-1531-12-14	E-SB-1531	12	14	20160303	--	NORMAL
E-SB-1531-14-16	E-SB-1531	14	16	20160303	--	NORMAL
E-SB-1532-10-12	E-SB-1532	10	12	20160303	--	NORMAL
E-SB-1532-12-14	E-SB-1532	12	14	20160303	--	NORMAL
E-SB-1532-14-16	E-SB-1532	14	16	20160303	--	NORMAL

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	HEXAVALENT CHROMIUM	PH	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--	--	14 U	18 U	23 U	13 U	9.2 U
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.5 U
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.55 U
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.6 U
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--	--	14 U	19 U	24 U	13 U	9.4 U
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--	--	30 U	29 U	20 U	25 U	89
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	28 U	26.5 U	18.5 U	23.5 U	20 U
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--	--	29 U	28 U	20 U	24 U	21 U
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--	--	32 U	31 U	21 U	27 U	23 U
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--	--	30 U	29 U	20 U	25 U	21 U
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--	--	30 U	28 U	20 U	25 U	21 U
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23.5 U	20 U
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--	--	30 U	29 U	20 U	25 U	21 U
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	28.5 U	27 U	18.5 U	23.5 U	19.5 U
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	28 U	26 U	18 U	23 U	19 U
E-SB-1543-10-12	E-SB-1543	10	12	20170110	0.012 U	0.012 U	0.012 U	0.012 U	1	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U
E-SB-1543-12-14	E-SB-1543	12	14	20170110	0.011 U	0.011 U	0.011 U	0.011 U	0.79	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1543-14-16	E-SB-1543	14	16	20170110	0.011 U	0.011 U	0.011 U	0.011 U	0.57	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1543-16-18	E-SB-1543	16	18	20170110	0.012 U	0.012 U	0.012 U	0.012 U	0.69	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	0.012 U	0.012 U	0.012 U	0.012 U	0.835	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	0.011 U	0.011 U	0.011 U	0.011 U	0.98	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-1543-18-20	E-SB-1543	18	20	20170110	0.01 U	0.01 U	0.01 U	0.01 U	1.1	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1544-10-12	E-SB-1544	10	12	20170109	0.011 U	0.011 U	0.011 U	0.011 U	1.1 J	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1544-12-14	E-SB-1544	12	14	20170109	0.011 U	0.011 U	0.011 U	0.011 U	0.68 J	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U
E-SB-1544-14-16	E-SB-1544	14	16	20170109	0.012 U	0.012 U	0.012 U	0.012 U	0.99 J	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U
E-SB-1544-16-18	E-SB-1544	16	18	20170109	0.011 U	0.011 U	0.011 U	0.011 U	0.34 J	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1544-18-20	E-SB-1544	18	20	20170109	0.011 U	0.011 U	0.011 U	0.011 U	0.74 J	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1545-10-12	E-SB-1545	10	12	20170109	0.01 U	0.01 U	0.01 U	0.01 U	0.61 J	--	--	--	--	--	140 U	130 U	93 U	120 U	99 U
E-SB-1545-12-14	E-SB-1545	12	14	20170109	0.01 U	0.01 U	0.01 U	0.01 U	0.59 J	--	--	--	--	--	280 U	270 U	190 U	230 U	200 U
E-SB-1545-14-16	E-SB-1545	14	16	20170109	0.011 U	0.011 U	0.011 U	0.011 U	0.53 J	--	--	--	--	--	280 U	270 U	190 U	230 U	200 U
E-SB-1545-16-18	E-SB-1545	16	18	20170109	0.011 U	0.011 U	0.011 U	0.011 U	0.83 J	--	--	--	--	--	290 U	280 U	200 U	240 U	210 U
E-SB-1545-18-20	E-SB-1545	18	20	20170109	0.01 U	0.01 U	0.01 U	0.01 U	0.38 J	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1546-10-12	E-SB-1546	10	12	20170109	0.012 U	0.012 U	0.11	0.012 U	7.6	--	--	--	--	--	160000 U	150000 U	100000 U	130000 U	110000 U
E-SB-1546-12-14	E-SB-1546	12	14	20170109	0.012 U	0.012 U	0.012 U	0.012 U	1	--	--	--	--	--	5700 U	5400 U	3800 U	4700 U	4000 U
E-SB-1546-14-16	E-SB-1546	14	16	20170109	0.011 U	0.011 U	0.062	0.011 U	1.5	--	--	--	--	--	2800 U	2700 U	1900 U	2400 U	2000 U
E-SB-1546-16-18	E-SB-1546	16	18	20170109	0.01 U	0.01 U	0.011 J	0.01 U	0.69	--	--	--	--	--	2800 U	2600 U	1800 U	2300 U	2000 U
E-SB-1546-18-20	E-SB-1546	18	20	20170109	0.011 U	0.011 U	0.031	0.011 U	1.6	--	--	--	--	--	2800 U	2600 U	1800 U	2300 U	2000 U
E-SB-1547-10-12	E-SB-1547	10	12	20170109	0.011 U	0.011 U	0.011 U	0.011 U	0.36	--	--	--	--	--	55 U	53 U	37 U	46 U	39 U
E-SB-1547-12-14	E-SB-1547	12	14	20170109	0.011 U	0.011 U	0.012 J	0.011 U	0.84	--	--	--	--	--	15000 U	15000 U	10000 U	13000 U	11000 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	16 U	16 J	11 U	15 U	16	75.6	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	17 U	11 J	12 U	15 U	11	72.75	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	17 U	8.25	12 U	15.5 U	5.5	70.275	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	17 U	11 U	12 U	16 U	0 U	67.8	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	17 U	11 U	12 U	15 U	0 U	67.2	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	17 U	50 J	9.7 U	24 U	50	135.85	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	17 U	22 U	9.6 U	24 U	0 U	96.3	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	17 U	22 U	9.9 U	25 U	89	177.95	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	17 U	21 U	9.5 U	24 U	0 U	94.75	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	23.75	21 U	9.35 U	23.5 U	19.5	108.93	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	39 J	21 U	9.2 U	23 U	39	123.1	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	17 U	22 U	9.8 U	24 U	0 U	97.4	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	19 U	24 U	11 U	27 U	0 U	107.5	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	17 U	22 U	10 U	25 U	0 U	99.5	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	17 U	22 U	9.6 U	24 U	0 U	96.3	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	17 U	22 U	9.9 U	25 U	0 U	98.95	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	17 U	21 U	9.4 U	24 U	0 U	94.7	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	17 U	21 U	9.5 U	24 U	0 U	94.75	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	16.5 U	21 U	9.4 U	23.5 U	0 U	93.95	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	16 U	21 U	9.2 U	23 U	0 U	92.1	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	16 U	21 U	9.4 U	23 U	0 U	93.2	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	17 U	21 U	9.5 U	24 U	0 U	95.25	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	16 U	32 J	9.4 U	23 U	32	114.7	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	16 U	21 U	9.2 U	23 U	0 U	92.1	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	17 U	21 U	9.6 U	24 U	0 U	95.3	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	18 U	76	10 U	25 U	76	165	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	17 U	21 U	9.5 U	24 U	0 U	95.25	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	17 U	22 U	9.6 U	24 U	0 U	96.3	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	16.5 U	21.5 U	9.4 U	23.5 U	0 U	93.95	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	16 U	21 U	9.2 U	23 U	0 U	91.6	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	17 U	21 U	9.5 U	24 U	0 U	95.25	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	16 U	47 J	9.3 U	23 U	47	129.65	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	16 U	22 J	9.1 U	23 U	22	102.55	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	17 U	22 U	9.7 U	24 U	0 U	96.85	--	--	--	--	--
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	17 U	19	9.7 U	24 U	13.5	104.85	--	--	--	--	--
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	17 U	27 J	9.7 U	24 U	27	112.85	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	16 U	21 U	9.2 U	23 U	0 U	92.1	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	17 U	28 J	9.6 U	24 U	28	113.3	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	16 U	20 U	9 U	23 U	0 U	90.5	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	82 U	6200	47 U	120 U	6200	6615.5	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	160 U	16000	94 U	230 U	16000	16827	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	160 U	10000	94 U	230 U	10000	10827	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	170 U	8400	98 U	240 U	8400	9264	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	16 U	1200	9.1 U	23 U	1200	1280.6	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	91000 U	7E+06	52000 U	130000 U	7E+06	7E+06	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	3300 U	89000	1900 U	4700 U	89000	105750	--	--	--	--	--
E-SB-1546-14-16	E-SB-1546	14	16	20170109	1700 U	45000	950 U	2400 U	45000	53425	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	1600 U	45000	920 U	2300 U	45000	53160	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	1600 U	27000	920 U	2300 U	27000	35160	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	32 U	1500	18 U	46 U	1500	1663	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	9000 U	420000	5100 U	13000 U	420000	465550	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	POTASSIUM-40	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	0.716	0.434 J
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	0.327	0.376 J
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	0.596	0.427 J
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	0.366	0.411 J
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	--	--	--	--	--	--	0.39	0.2875
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	--	--	--	--	--	--	0.414	0.328 UJ
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	0.491	0.404 J
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	0.776	0.726 J
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	1.05	0.998 J
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	1.18	1.07 J
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	0.824	0.576 J
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	0.899	0.9 J
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	1.06	0.836 J
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	1.01	0.738 J
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	1.13	0.735 J
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	1.7	1.2 J
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	0.991	0.738 J
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	0.995	0.771 J
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	1.07	0.871 J
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	1.07	0.672 J
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	1.32	0.624 J
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	0.965	0.626 J
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	0.888	0.684
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	0.719	0.62

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	0.547	--	-0.0112 U	0.463 U	0.0179 U	-0.00895 U	0.348	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	0.55	--	-0.191 U	-0.376 U	0.0143 U	-0.00284 U	0.265	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	0.662	--	0.681 U	1.08 U	0.00996 U	0.00191 U	0.193	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	0.346	--	0.991 U	0.324 U	0.0108 U	-0.00792 U	0.231	--	--
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	0.4035	--	0.154 U	0.702 U	0.014 U	-0.005215 U	0.2795	--	--
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	0.461	--	-0.683 U	1.08 U	0.0172 U	-0.00251 U	0.328	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	0.571	--	0.897 U	0.28 U	0.0186 U	0.00683 U	0.362	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	0.866	--	0.796 U	-0.325 U	0.0195 U	-0.00485 U	0.383 J	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	0.763	--	-0.446 U	-0.843 U	0.0115 U	-0.00911 U	0.229 J	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	1.22	--	0.0113 U	-0.19 U	0.016 U	-0.00326 U	0.331 J	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	0.675	--	0.63 U	0.267 U	0.00561 U	0.000346 U	0.114 J	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	1.01	--	1.01 U	0.41 U	0.0124 U	0.00852 U	0.249 J	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	0.944	--	-0.0481 U	0.0995 U	0.0102 U	-0.0053 U	0.205 J	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	1.08	--	0.999 U	-0.149 U	0.00986 U	0.002 U	0.199 J	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	1.1	--	1.29 U	-0.285 U	0.00894 U	0.00395 U	0.178 J	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	1.39	--	1.2 U	0.713 U	0.0143 U	0.00249 U	0.28 J	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	0.964	--	0.751 U	0.0255 U	0.00668 U	0.00398 U	0.129 J	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	0.743	--	1.36 U	5.36 U	0.233	0.0243 U	2.56	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	0.952	--	-0.145 U	-1.09 U	0.0173 U	0.00105 U	0.349	--	--
E-SB-1546-14-16	E-SB-1546	14	16	20170109	1.2	--	0.134 U	3.62 U	0.133	0.0179 U	0.511	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	1.1	--	0.813 U	1.07 U	0.0229	0.00606 U	0.231	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	1.14	--	2.44 U	1.54 U	0.0669	0.0138 U	0.522	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	0.839	--	0.836 U	0.443 U	0.00596 U	0.000432 U	0.123	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	0.659	--	1.22 U	1.01 U	0.0269	-0.00207 U	0.281	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PHENOL	PYRENE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	CYCLOTETRASILOXANE, OCTAMETHYL -	DIETHYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DICHLORODIFLUOROMETHANE VOLATILES (UG/KG)	DIISOPROPYL ETHER VOLATILES (UG/KG)	ETHYL TERT-BUTYL ETHER VOLATILES (UG/KG)	ETHYLBENZENE VOLATILES (UG/KG)	HEXACHLOROBUTADIENE VOLATILES (UG/KG)	ISOPROPYLBENZENE VOLATILES (UG/KG)	M+P-XYLENES VOLATILES (UG/KG)	METHYL TERT-BUTYL ETHER VOLATILES (UG/KG)	METHYLENE CHLORIDE VOLATILES (UG/KG)	NAPHTHALENE VOLATILES (UG/KG)	N-BUTYLBENZENE VOLATILES (UG/KG)	N-PROPYLBENZENE VOLATILES (UG/KG)	O-XYLENE VOLATILES (UG/KG)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	VINYL CHLORIDE VOLATILES (UG/KG)	type
E-SB-1533-10-12	E-SB-1533	10	12	20160303	--	NORMAL
E-SB-1533-12-14	E-SB-1533	12	14	20160303	--	NORMAL
E-SB-1533-12-14-AVG	E-SB-1533	12	14	20160303	--	NORMAL
E-SB-1533-12-14-D	E-SB-1533	12	14	20160303	--	NORMAL
E-SB-1533-14-16	E-SB-1533	14	16	20160303	--	NORMAL
E-SB-1536-10-12	E-SB-1536	10	12	20170209	--	NORMAL
E-SB-1536-12-14	E-SB-1536	12	14	20170209	--	NORMAL
E-SB-1536-14-16	E-SB-1536	14	16	20170209	--	NORMAL
E-SB-1537-10-12	E-SB-1537	10	12	20170209	--	NORMAL
E-SB-1537-10-12-AVG	E-SB-1537	10	12	20170209	--	NORMAL
E-SB-1537-10-12-D	E-SB-1537	10	12	20170209	--	NORMAL
E-SB-1537-12-14	E-SB-1537	12	14	20170209	--	NORMAL
E-SB-1537-14-16	E-SB-1537	14	16	20170209	--	NORMAL
E-SB-1538-10-12	E-SB-1538	10	12	20170209	--	NORMAL
E-SB-1538-12-14	E-SB-1538	12	14	20170209	--	NORMAL
E-SB-1538-14-16	E-SB-1538	14	16	20170209	--	NORMAL
E-SB-1539-10-12	E-SB-1539	10	12	20170210	--	NORMAL
E-SB-1539-12-14	E-SB-1539	12	14	20170210	--	NORMAL
E-SB-1539-12-14-AVG	E-SB-1539	12	14	20170210	--	NORMAL
E-SB-1539-12-14-D	E-SB-1539	12	14	20170210	--	NORMAL
E-SB-1539-14-16	E-SB-1539	14	16	20170210	--	NORMAL
E-SB-1540-10-12	E-SB-1540	10	12	20170210	--	NORMAL
E-SB-1540-12-14	E-SB-1540	12	14	20170210	--	NORMAL
E-SB-1540-14-16	E-SB-1540	14	16	20170210	--	NORMAL
E-SB-1541-10-12	E-SB-1541	10	12	20170209	--	NORMAL
E-SB-1541-12-14	E-SB-1541	12	14	20170209	--	NORMAL
E-SB-1541-14-16	E-SB-1541	14	16	20170209	--	NORMAL
E-SB-1542-10-12	E-SB-1542	10	12	20170209	--	NORMAL
E-SB-1542-12-14	E-SB-1542	12	14	20170209	--	NORMAL
E-SB-1542-14-16	E-SB-1542	14	16	20170209	--	NORMAL
E-SB-1542-14-16-AVG	E-SB-1542	14	16	20170209	--	NORMAL
E-SB-1542-14-16-D	E-SB-1542	14	16	20170209	--	NORMAL
E-SB-1543-10-12	E-SB-1543	10	12	20170110	--	NORMAL
E-SB-1543-12-14	E-SB-1543	12	14	20170110	--	NORMAL
E-SB-1543-14-16	E-SB-1543	14	16	20170110	--	NORMAL
E-SB-1543-16-18	E-SB-1543	16	18	20170110	--	NORMAL
E-SB-1543-16-18-AVG	E-SB-1543	16	18	20170110	--	NORMAL
E-SB-1543-16-18-D	E-SB-1543	16	18	20170110	--	NORMAL
E-SB-1543-18-20	E-SB-1543	18	20	20170110	--	NORMAL
E-SB-1544-10-12	E-SB-1544	10	12	20170109	--	NORMAL
E-SB-1544-12-14	E-SB-1544	12	14	20170109	--	NORMAL
E-SB-1544-14-16	E-SB-1544	14	16	20170109	--	NORMAL
E-SB-1544-16-18	E-SB-1544	16	18	20170109	--	NORMAL
E-SB-1544-18-20	E-SB-1544	18	20	20170109	--	NORMAL
E-SB-1545-10-12	E-SB-1545	10	12	20170109	--	NORMAL
E-SB-1545-12-14	E-SB-1545	12	14	20170109	--	NORMAL
E-SB-1545-14-16	E-SB-1545	14	16	20170109	--	NORMAL
E-SB-1545-16-18	E-SB-1545	16	18	20170109	--	NORMAL
E-SB-1545-18-20	E-SB-1545	18	20	20170109	--	NORMAL
E-SB-1546-10-12	E-SB-1546	10	12	20170109	--	NORMAL
E-SB-1546-12-14	E-SB-1546	12	14	20170109	--	NORMAL
E-SB-1546-14-16	E-SB-1546	14	16	20170109	--	NORMAL
E-SB-1546-16-18	E-SB-1546	16	18	20170109	--	NORMAL
E-SB-1546-18-20	E-SB-1546	18	20	20170109	--	NORMAL
E-SB-1547-10-12	E-SB-1547	10	12	20170109	--	NORMAL
E-SB-1547-12-14	E-SB-1547	12	14	20170109	--	NORMAL

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	HEXAVALENT CHROMIUM	PH	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	0.011 U	0.011 U	0.014 J	0.011 U	1	--	--	--	--	--	5900 U	5600 U	3900 U	4900 U	4200 U
E-SB-1547-16-18	E-SB-1547	16	18	20170109	0.012 U	0.012 U	0.012 U	0.012 U	0.52	--	--	--	--	--	3100 U	3000 U	2100 U	2600 U	2200 U
E-SB-1547-18-20	E-SB-1547	18	20	20170109	0.011 U	0.011 U	0.011 U	0.011 U	0.41	--	--	--	--	--	140 U	130 U	91 U	110 U	97 U
E-SB-1548-10-12	E-SB-1548	10	12	20170109	0.01 U	0.01 U	0.012 J	0.01 U	1.5	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1548-12-14	E-SB-1548	12	14	20170109	0.011 U	0.011 U	0.011 U	0.011 U	1.1 J	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	0.011 U	0.011 U	0.011 U	0.011 U	0.845	--	--	--	--	--	27.5 U	26.5 U	18.5 U	23 U	19.5 U
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	0.011 U	0.011 U	0.011 U	0.011 U	0.59 J	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1548-14-16	E-SB-1548	14	16	20170109	0.011 U	0.011 U	0.011 U	0.011 U	0.6 J	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U
E-SB-1548-16-18	E-SB-1548	16	18	20170109	0.01 U	0.01 U	0.01 U	0.01 U	0.57 J	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1548-18-20	E-SB-1548	18	20	20170109	0.011 U	0.011 U	0.011 U	0.011 U	0.36 J	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1549-10-12	E-SB-1549	10	12	20170110	0.01 U	0.01 U	0.01 U	0.01 U	1.1	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U
E-SB-1549-12-14	E-SB-1549	12	14	20170110	0.012 U	0.012 U	0.012 U	0.012 U	0.84	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	0.012 U	0.012 U	0.012 U	0.012 U	0.92	--	--	--	--	--	30 U	28.5 U	19.5 U	25 U	21 U
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	0.012 U	0.012 U	0.012 U	0.012 U	1 J	--	--	--	--	--	31 U	29 U	20 U	26 U	22 U
E-SB-1549-14-16	E-SB-1549	14	16	20170110	0.011 U	0.011 U	0.011 U	0.011 U	0.9 J	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1549-16-18	E-SB-1549	16	18	20170110	0.012 U	0.012 U	0.012 U	0.012 U	0.59 J	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U
E-SB-1549-18-20	E-SB-1549	18	20	20170110	0.011 U	0.011 U	0.012 J	0.011 U	1.5 J	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1550-10-12	E-SB-1550	10	12	20170110	0.011 U	0.011 U	0.011 U	0.011 U	0.64	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1550-12-14	E-SB-1550	12	14	20170110	0.01 U	0.01 U	0.01 U	0.01 U	0.99	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	0.011 U	0.011 U	0.011 U	0.011 U	0.99	--	--	--	--	--	28 U	26.5 U	18 U	23 U	20 U
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	0.011 U	0.011 U	0.011 U	0.011 U	0.99	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U
E-SB-1550-14-16	E-SB-1550	14	16	20170110	0.01 U	0.01 U	0.01 J	0.01 U	1.4	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1550-16-18	E-SB-1550	16	18	20170110	0.011 U	0.011 U	0.011 J	0.011 U	1.4	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U
E-SB-1550-18-20	E-SB-1550	18	20	20170110	0.01 U	0.01 U	0.01 U	0.01 U	1	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U
E-SB-1551-10-12	E-SB-1551	10	12	20170110	0.01 U	0.01 U	0.01 U	0.01 U	0.5	--	--	--	--	--	55 U	52 U	36 U	46 U	39 U
E-SB-1551-12-14	E-SB-1551	12	14	20170110	0.011 U	0.011 U	0.011 U	0.011 U	0.9	--	--	--	--	--	140 U	130 U	94 U	120 U	99 U
E-SB-1551-14-16	E-SB-1551	14	16	20170110	0.011 U	0.011 U	0.011 U	0.011 U	0.68	--	--	--	--	--	57 U	54 U	38 U	47 U	40 U
E-SB-1551-16-18	E-SB-1551	16	18	20170110	0.012 U	0.012 U	0.012 U	0.012 U	0.31	--	--	--	--	--	150 U	140 U	98 U	120 U	100 U
E-SB-1551-18-20	E-SB-1551	18	20	20170110	0.01 U	0.01 U	0.01 U	0.01 U	0.43	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1552-10-12	E-SB-1552	10	12	20170110	0.01 U	0.01 U	0.01 U	0.01 U	0.44 J	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1552-12-14	E-SB-1552	12	14	20170110	0.011 U	0.011 U	0.011 U	0.011 U	0.35 J	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1552-14-16	E-SB-1552	14	16	20170110	0.012 U	0.012 U	0.012 U	0.012 U	0.83	--	--	--	--	--	32 U	31 U	21 U	27 U	23 U
E-SB-1552-16-18	E-SB-1552	16	18	20170110	0.012 U	0.012 U	0.012 U	0.012 U	0.64	--	--	--	--	--	31 U	29 U	20 U	26 U	22 U
E-SB-1552-18-20	E-SB-1552	18	20	20170110	0.011 U	0.011 U	0.011 U	0.011 U	0.82	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1553-10-12	E-SB-1553	10	12	20170110	0.01 U	0.01 U	0.42	0.01 U	5.9	--	--	--	--	--	280 U	270 U	190 U	230 U	200 U
E-SB-1553-12-14	E-SB-1553	12	14	20170110	0.011 U	0.011 U	0.011 U	0.011 U	0.87 J	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U
E-SB-1553-14-16	E-SB-1553	14	16	20170110	0.01 U	0.01 U	0.01 U	0.01 U	1 J	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U
E-SB-1553-16-18	E-SB-1553	16	18	20170110	0.011 U	0.011 U	0.011 U	0.011 U	1.1 J	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U
E-SB-1553-18-20	E-SB-1553	18	20	20170110	0.011 U	0.011 U	0.011 U	0.011 U	0.69 J	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--	--	28 U	26 U	18 U	23 U	19 U
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	3400 U	19000	2000 U	4900 U	19000	36400	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	1800 U	87000	1000 U	2600 U	87000	96200	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	80 U	4200	46 U	110 U	4200	4602	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	16 U	360 J	9.4 U	23 U	360	442.7	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	16 U	630 J	9.3 U	23 U	630	712.65	--	--	--	--	--
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	16 U	475	9.2 U	23 U	475	556.6	--	--	--	--	--
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	16 U	320 J	9.1 U	23 U	320	400.55	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	17 U	270	9.5 U	24 U	270	354.25	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	16 U	180	9.2 U	23 U	180	260.6	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	16 U	880	9.1 U	23 U	880	960.55	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	16 U	21 U	9.2 U	23 U	0 U	92.6	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	17 U	22 U	9.6 U	24 U	0 U	96.3	--	--	--	--	--
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	17.5 U	22.5 U	9.8 U	25 U	0 U	99.4	--	--	--	--	--
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	18 U	23 U	10 U	26 U	0 U	102.5	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	16 U	21 U	9.2 U	23 U	0 U	91.1	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	17 U	21 U	9.5 U	24 U	0 U	95.25	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	16 U	110	9.3 U	23 U	110	192.65	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	16 U	20 U	9 U	23 U	0 U	90.5	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	16 U	21 U	9.2 U	23 U	0 U	92.6	--	--	--	--	--
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	16 U	31.25	9.2 U	23 U	26	113.1	--	--	--	--	--
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	16 U	52 J	9.2 U	23 U	52	133.6	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	16 U	62	9.3 U	23 U	62	144.65	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	17 U	280	9.4 U	24 U	280	364.2	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	16 U	21 U	9.2 U	23 U	0 U	92.1	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	32 U	1000	18 U	46 U	1000	1162	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	82 U	1900	47 U	120 U	1900	2316	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	33 U	990	19 U	47 U	990	1157.5	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	86 U	2500	49 U	120 U	2500	2931.5	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	16 U	130	9.1 U	23 U	130	210.55	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	16 U	20 U	9 U	23 U	0 U	90.5	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	16 U	21 U	9.1 U	23 U	0 U	91.05	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	19 U	24 U	11 U	27 U	0 U	107.5	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	18 U	33 J	10 U	26 U	33	124	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	160 U	13000	93 U	230 U	13000	13827	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	16 U	59	9.2 U	23 U	59	140.6	--	--	--	--	--
E-SB-1553-14-16	E-SB-1553	14	16	20170110	16 U	21 U	9.4 U	24 U	0 U	94.2	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	16 U	21 U	9.2 U	23 U	0 U	92.1	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	16 U	67	9.3 U	23 U	67	149.65	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	16 U	710	9.2 U	23 U	710	791.6	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	16 U	860	9.3 U	23 U	860	942.65	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	16 U	39 J	9.2 U	23 U	39	120.1	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	16 U	23 J	9.2 U	23 U	23	105.1	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	17 U	48 J	9.5 U	24 U	48	132.25	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	POTASSIUM-40	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	0.813	0.756
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	1.01	0.711
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	1.11	0.656
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	0.857	1.04
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	0.868	0.663
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	--	--	--	--	--	--	0.9085	0.8965
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	--	--	--	--	--	--	0.949	1.13 J
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	1.1	0.84
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	1.17	0.811
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	0.953	0.482
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	1.12	0.7 UJ
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	0.509	0.493 UJ
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	--	--	--	--	--	--	0.595	0.5155 U
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	--	--	--	--	--	--	0.681	0.538 UJ
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	0.627	0.725 UJ
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	1.12	0.664 UJ
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	1.04	0.806 UJ
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	0.915	0.611
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	0.632	0.377
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	--	--	--	--	--	--	0.5715	0.4435
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	--	--	--	--	--	--	0.511	0.51
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	0.854	0.873
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	1.2	0.608
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	1.04	0.742
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	0.833	0.516
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	0.788	0.753
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	0.93	0.703
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	1.25	0.603
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	0.766	0.615
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	0.94	0.73
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	0.777	0.647
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	0.893	0.548 UJ
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	0.9	0.754 UJ
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	0.947	0.885 J
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	0.9	0.878
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	0.852	0.877
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	0.77	1.04 J
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	0.915	1.01
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	1.19	1.06
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	0.803	--	2.62 U	0.993 U	0.031	-0.00337 U	0.35	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	0.967	--	2.97 U	1.22 U	0.0188 U	0.00644 U	0.173	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	0.987	--	1.2 U	1.02 U	0.00672 U	0.00219 U	0.138	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	0.847	--	1.79 U	0.92 U	0.0255 J	0.000446 U	0.511	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	0.938	--	-0.237 U	-0.0999 U	0.0191 U	-0.00464 U	0.373 J	--	--
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	0.9635	--	-0.2975 U	-0.20395 U	0.01455 U	-0.00787 U	0.2865	--	--
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	0.989	--	-0.358 U	-0.308 U	0.01 U	-0.0111 U	0.2 J	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	0.912	--	-0.597 U	-0.268 U	0.01 U	-0.0136 U	0.202 J	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	1.01	--	-0.784 U	0.605 U	0.00934 U	-0.00616 U	0.193 J	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	0.691	--	-1.75 U	0.228 U	0.00562 U	-0.00405 U	0.12 J	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	1.03	--	-0.97 U	0.0632 U	0.0186 U	-0.00454 U	0.379	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	0.595	--	-1.92 U	-1.52 U	0.0137 U	-0.0151 U	0.283	--	--
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	0.6265	--	-1.55 U	-1.335 U	0.0149 U	-0.009335 U	0.3095	--	--
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	0.658	--	-1.18 U	-1.15 U	0.0161 U	-0.00357 U	0.336	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	0.578	--	0.163 U	-0.374 U	0.0155 U	-0.00805 U	0.302 J	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	1.01	--	-0.823 U	-0.255 U	0.0106 U	-0.00484 U	0.2 J	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	0.837	--	-0.0106 U	0.273 U	0.0251	0.00327 U	0.494 J	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	0.881	--	-0.194 U	0.764 U	0.0108 U	-0.00842 U	0.215	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	0.453	--	-1.96 U	-0.761 U	0.016 U	-0.0147 U	0.333	--	--
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	0.548	--	-1.49 U	-0.581 U	0.01625 U	-0.01184 U	0.3325	--	--
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	0.643	--	-1.02 U	-0.401 U	0.0165 U	-0.00898 U	0.332	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	0.77	--	-1.74 U	0.278 U	0.0225	-0.0094 U	0.468	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	0.964	--	0.497 U	0.0418 U	0.0239 U	-0.00399 U	0.463	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	0.936	--	-1.17 U	0.752 U	0.0182 U	-0.00966 U	0.353	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	0.978	--	0.502 U	-0.171 U	0.014 U	0.0154 U	0.169	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	0.573	--	0.406 U	0.148 U	0.015 U	0.0106 U	0.303	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	0.991	--	1.11 U	-0.119 U	0.0107 U	0.0033 U	0.229	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	1.24	--	2.04 U	0.725 U	0.00547 U	0.00993 U	0.105	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	0.77	--	0.251 U	-0.506 U	0.00799 U	0.00467 U	0.143	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	0.795	--	-1.05 U	-0.363 U	0.00728 U	-0.00799 U	0.149 J	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	0.828	--	-1.39 U	0.0681 U	0.00524 U	-0.00771 U	0.116 J	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	0.881	--	-1.74 U	0.756 U	0.0136 U	-0.00627 U	0.28	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	0.752	--	-0.91 U	-0.457 U	0.0108 U	-0.00505 U	0.216	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	0.955	--	-0.818 U	0.342 U	0.0136 U	-0.0092 U	0.277	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	0.828	--	1.96 U	29.3	0.902	0.0643 U	1.98	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	0.699	--	-1.3 U	-0.297 U	0.0146 U	-0.00737 U	0.293 J	--	--
E-SB-1553-14-16	E-SB-1553	14	16	20170110	0.652	--	-1.85 U	0 U	0.0167 U	-0.0101 U	0.351 J	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	0.956	--	-1.62 U	-0.248 U	0.0194 U	-0.0119 U	0.383 J	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	1.19	--	-0.977 U	0.388 U	0.0118 U	-0.00836 U	0.232 J	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	--	--	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	--	--	--	--	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PHENOL	PYRENE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	CYCLOTETRASILOXANE, OCTAMETHYL -	DIETHYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	--	--	--	--	--	--
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	--	--	--	--
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	--	--	--	--
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	--	--	--	--
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	--	--	--	--	--	--	--	--
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	--	--	--	--
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	--	16 NJ	--	--
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	--	--	--	--	--
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	410 NJ	--	--	--	--	--	--
E-SB-1581-10-12	E-SB-1581	10	12	20170203	--	--	--	--	--	9.5 NJ	--	3.7 NJ	--	--
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	--	--	--	--	300 NJ	--	17 U	24 U	21 U	--	20 U	27 U
E-SB-1573-10-12	E-SB-1573	10	12	20170202	--	--	--	--	--	--	17 U	26 U	22 U	--	21 U	29 U
E-SB-1574-10-12	E-SB-1574	10	12	20170202	--	--	--	--	--	--	34 U	51 U	43 U	--	42 U	56 U
E-SB-1575-10-12	E-SB-1575	10	12	20170202	--	--	--	--	--	--	0.26 U	0.17 U	0.19 U	--	0.35 U	0.24 U
E-SB-1576-10-12	E-SB-1576	10	12	20170202	--	--	240 NJ	--	--	--	17 UJ	25 U	22 U	--	21 U	28 U
E-SB-1577-10-12	E-SB-1577	10	12	20170202	--	--	--	--	--	--	43 UJ	63 U	54 U	--	52 U	70 U
E-SB-1578-10-12	E-SB-1578	10	12	20170202	--	--	--	--	--	--	0.25 U	0.16 U	0.18 U	--	0.35 U	0.23 U
E-SB-1579-10-12	E-SB-1579	10	12	20170203	--	--	--	--	--	320 NJ	0.26 U	0.17 U	0.19 U	--	2.9 J	0.24 U
E-SB-1580-10-12	E-SB-1580	10	12	20170203	--	--	--	3400 NJ	--	--	28 U	42 U	36 U	--	34 U	46 U
E-SB-1581-10-12	E-SB-1581	10	12	20170203	6.8 NJ	14 NJ	--	--	--	--	0.25 U	0.16 U	0.18 U	--	0.34 U	0.23 U
E-SB-1582-10-12	E-SB-1582	10	12	20170206	--	--	--	--	--	--	0.24 U	0.15 U	0.17 U	--	0.33 U	0.22 U
E-SB-1583-10-12	E-SB-1583	10	12	20170206	--	--	--	--	--	--	0.24 U	0.16 U	0.18 U	--	0.33 U	0.22 U
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	31 U	30 U	28 U	22 U	11 U	23 U	17 U	42 UJ	20 U	16 U	26 U	26 U	--	33 U
E-SB-1573-10-12	E-SB-1573	10	12	20170202	33 U	31 U	29 U	23 U	12 U	24 U	17 U	44 UJ	21 U	17 U	28 U	28 U	--	35 U
E-SB-1574-10-12	E-SB-1574	10	12	20170202	65 U	61 U	58 U	45 U	24 U	47 U	34 U	87 UJ	42 U	33 U	54 U	54 U	--	69 U
E-SB-1575-10-12	E-SB-1575	10	12	20170202	0.39 U	0.14 U	0.25 U	0.28 U	0.072 U	0.17 U	0.18 U	0.49 U	0.25 U	0.16 U	0.21 U	0.22 U	--	0.21 U
E-SB-1576-10-12	E-SB-1576	10	12	20170202	32 U	31 U	29 U	22 U	12 U	23 U	17 U	43 UJ	21 U	16 U	27 U	27 U	--	34 U
E-SB-1577-10-12	E-SB-1577	10	12	20170202	81 U	77 U	72 U	56 U	29 U	59 U	43 U	110 UJ	52 U	41 U	68 U	68 U	--	86 U
E-SB-1578-10-12	E-SB-1578	10	12	20170202	0.38 U	0.13 U	0.25 U	0.28 U	0.071 U	0.17 U	0.18 U	0.48 U	0.25 U	0.16 U	0.2 U	0.22 U	--	0.2 U
E-SB-1579-10-12	E-SB-1579	10	12	20170203	0.39 U	0.14 U	0.25 U	0.28 U	0.072 U	0.17 U	0.18 U	0.49 UJ	0.25 U	0.16 U	0.21 U	0.22 U	--	0.21 U
E-SB-1580-10-12	E-SB-1580	10	12	20170203	53 U	50 U	47 U	37 U	19 U	39 U	28 U	71 U	34 U	27 U	44 U	44 U	--	56 U
E-SB-1581-10-12	E-SB-1581	10	12	20170203	0.37 U	0.13 U	0.24 U	0.27 U	0.069 U	0.17 U	0.17 U	0.47 UJ	0.24 U	0.15 U	0.2 U	0.21 U	--	0.2 U
E-SB-1582-10-12	E-SB-1582	10	12	20170206	0.36 U	0.13 U	0.23 U	0.26 U	0.067 U	0.16 U	0.17 U	0.46 UJ	0.23 U	0.15 U	0.19 U	0.21 U	--	0.19 U
E-SB-1583-10-12	E-SB-1583	10	12	20170206	0.37 U	0.13 U	0.24 U	0.27 U	0.068 U	0.16 U	0.17 U	0.46 UJ	0.24 U	0.15 U	0.2 U	0.21 U	--	0.2 U
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	23 U	24 U	22 U	44 UJ	170 U	21 U	75 U	25 U	20 U	35 U	85 UJ	21 U	24 U	31 U
E-SB-1573-10-12	E-SB-1573	10	12	20170202	24 U	25 U	23 U	46 UJ	180 U	22 U	79 U	27 U	21 U	37 U	89 UJ	22 U	26 U	33 U
E-SB-1574-10-12	E-SB-1574	10	12	20170202	47 U	49 U	45 U	90 U	350 U	43 U	160 U	52 U	42 U	72 U	180 UJ	43 U	51 U	65 U
E-SB-1575-10-12	E-SB-1575	10	12	20170202	0.17 U	0.25 U	0.22 U	0.91 U	2 UJ	0.27 U	0.42 UJ	0.17 U	0.13 U	0.64 U	17 U	0.23 U	0.19 U	0.26 U
E-SB-1576-10-12	E-SB-1576	10	12	20170202	23 U	24 U	22 U	45 UJ	180 U	22 U	77 U	26 U	21 U	36 U	87 UJ	22 U	25 U	32 U
E-SB-1577-10-12	E-SB-1577	10	12	20170202	59 U	61 U	56 U	110 U	440 U	54 U	190 U	65 U	52 U	90 U	220 UJ	54 U	63 U	81 U
E-SB-1578-10-12	E-SB-1578	10	12	20170202	0.16 U	0.25 U	0.21 U	0.9 U	2 UJ	0.26 U	0.41 UJ	0.17 U	0.13 U	0.63 U	3.4 U	0.23 U	0.19 U	0.25 U
E-SB-1579-10-12	E-SB-1579	10	12	20170203	0.17 U	0.25 U	0.22 U	0.92 U	2 UJ	0.27 U	0.42 U	0.17 U	0.13 U	0.64 U	8.4 U	0.23 U	0.19 U	0.26 U
E-SB-1580-10-12	E-SB-1580	10	12	20170203	39 U	40 U	37 UJ	74 U	290 U	36 U	130 U	43 U	34 U	59 U	140 U	36 U	42 U	53 U
E-SB-1581-10-12	E-SB-1581	10	12	20170203	0.16 U	0.43 J	0.21 U	0.88 U	1.9 U	0.26 U	0.4 U	0.17 U	0.12 U	0.62 U	4.3 J	0.22 U	0.19 U	0.25 U
E-SB-1582-10-12	E-SB-1582	10	12	20170206	0.15 U	0.23 U	0.2 U	0.85 U	1.9 U	0.25 U	0.39 U	0.16 U	0.12 U	0.6 U	2.4 U	0.21 U	0.18 U	0.24 U
E-SB-1583-10-12	E-SB-1583	10	12	20170206	0.16 U	0.24 U	0.2 UJ	0.86 UJ	1.9 U	0.25 U	0.39 U	0.16 U	0.12 U	0.6 U	12 J	0.22 U	0.18 U	0.24 U
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	16 U	20 U	24 U	16 U	24 U	26 U	30 U	24 U	21 U	16 U	31 U	20 U	38 U
E-SB-1573-10-12	E-SB-1573	10	12	20170202	17 U	21 U	26 U	17 U	25 U	28 U	31 U	26 U	22 U	17 U	72 J	21 U	40 U
E-SB-1574-10-12	E-SB-1574	10	12	20170202	33 U	42 U	51 U	33 U	49 U	54 U	61 U	51 U	43 U	33 U	630	42 U	78 U
E-SB-1575-10-12	E-SB-1575	10	12	20170202	0.24 U	0.29 U	0.42 U	0.15 U	0.18 U	0.24 U	0.22 U	0.27 U	0.17 U	0.27 U	0.2 U	0.19 U	0.27 U
E-SB-1576-10-12	E-SB-1576	10	12	20170202	16 U	21 U	25 U	16 U	24 UJ	27 U	31 UJ	25 U	22 U	16 U	140 J	21 U	39 U
E-SB-1577-10-12	E-SB-1577	10	12	20170202	41 U	52 U	63 U	41 U	61 UJ	68 U	77 UJ	63 U	54 U	41 U	940	52 U	97 U
E-SB-1578-10-12	E-SB-1578	10	12	20170202	0.23 U	0.28 U	0.42 U	0.15 U	0.18 U	0.23 U	0.21 U	0.27 U	0.16 U	0.27 U	0.2 U	0.18 U	0.27 U
E-SB-1579-10-12	E-SB-1579	10	12	20170203	0.24 U	0.29 U	0.43 U	0.15 U	0.18 U	0.24 U	0.22 U	0.27 U	1.1 J	0.27 U	54	0.19 U	0.27 U
E-SB-1580-10-12	E-SB-1580	10	12	20170203	27 U	34 U	42 UJ	27 U	40 UJ	44 U	50 U	42 UJ	36 U	27 U	380	34 U	64 U
E-SB-1581-10-12	E-SB-1581	10	12	20170203	0.23 U	0.28 U	0.41 U	0.15 U	0.17 U	0.23 U	0.21 U	0.26 U	0.16 U	0.26 U	0.19 U	0.18 U	0.26 U
E-SB-1582-10-12	E-SB-1582	10	12	20170206	0.22 U	0.27 U	0.4 U	0.14 U	0.17 U	0.22 U	0.2 U	0.25 U	0.15 U	0.25 U	0.19 U	0.17 U	0.25 U
E-SB-1583-10-12	E-SB-1583	10	12	20170206	0.22 U	0.27 U	0.4 U	0.14 U	0.17 U	0.22 U	0.2 U	0.26 U	0.17 J	0.26 UJ	1.4 J	0.18 U	0.26 U
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	19 U	17 U	13 U	31 U	28 U	30 U	24 U	23 U	57 U	17 U	26 U	31 U	26 U
E-SB-1573-10-12	E-SB-1573	10	12	20170202	20 U	18 U	14 U	32 U	29 U	31 U	26 U	24 U	60 U	18 U	28 U	32 U	28 U
E-SB-1574-10-12	E-SB-1574	10	12	20170202	40 U	36 U	27 U	63 U	58 U	61 U	51 U	47 U	370 U	52 J	54 U	63 U	54 U
E-SB-1575-10-12	E-SB-1575	10	12	20170202	0.25 U	0.17 U	0.094 U	0.19 U	0.32 U	0.14 U	0.29 U	0.19 UJ	1.6 U	0.24 U	0.18 U	0.2 U	0.16 U
E-SB-1576-10-12	E-SB-1576	10	12	20170202	20 U	18 U	13 U	31 U	29 U	31 U	25 U	23 U	58 U	18 U	27 U	31 U	27 U
E-SB-1577-10-12	E-SB-1577	10	12	20170202	50 U	45 U	34 U	79 U	72 U	77 U	63 U	59 U	460 U	45 U	68 U	79 U	68 U
E-SB-1578-10-12	E-SB-1578	10	12	20170202	0.25 U	0.17 U	0.092 U	0.19 U	0.31 U	0.14 U	0.28 U	0.19 UJ	1.5 U	0.23 U	0.18 U	0.2 U	0.16 U
E-SB-1579-10-12	E-SB-1579	10	12	20170203	0.25 U	0.17 U	0.094 UJ	0.19 U	0.32 U	0.14 U	0.29 U	0.19 UJ	2.1 J	0.24 U	0.18 U	0.2 U	0.16 U
E-SB-1580-10-12	E-SB-1580	10	12	20170203	33 UJ	30 U	22 U	52 U	47 U	50 U	42 U	39 U	270 U	30 U	44 U	52 U	44 U
E-SB-1581-10-12	E-SB-1581	10	12	20170203	0.24 U	0.17 U	0.09 U	0.19 U	0.3 U	0.14 U	0.28 U	0.19 U	1.1 U	0.23 U	0.17 U	0.19 U	0.15 U
E-SB-1582-10-12	E-SB-1582	10	12	20170206	0.23 U	0.16 U	0.087 UJ	0.18 U	0.29 U	0.13 U	0.27 U	0.18 UJ	0.16 U	0.22 U	0.17 U	0.19 U	0.15 U
E-SB-1583-10-12	E-SB-1583	10	12	20170206	0.24 U	0.16 U	0.088 U	0.18 U	0.3 U	0.14 U	0.27 U	0.18 U	0.87 U	0.22 U	0.17 U	0.19 U	0.15 U
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1572-10-12	E-SB-1572	10	12	20170201	21 U	8.7 U	13 U	24 U	320 U	18 U	21 U	24 U	--	31 U	13 U	280	30 U	45 U
E-SB-1573-10-12	E-SB-1573	10	12	20170202	22 U	9.2 U	14 U	26 U	330 U	19 U	22 U	26 U	--	32 U	14 U	1400	31 U	48 U
E-SB-1574-10-12	E-SB-1574	10	12	20170202	43 U	18 U	27 U	51 U	650 U	38 U	43 U	51 U	--	63 U	27 U	11000	61 U	94 U
E-SB-1575-10-12	E-SB-1575	10	12	20170202	0.14 U	0.19 U	0.15 U	0.15 U	1.7 U	0.27 U	0.24 U	0.29 U	--	0.27 U	0.15 U	0.8 J	0.17 UJ	0.63 U
E-SB-1576-10-12	E-SB-1576	10	12	20170202	22 U	9 U	13 U	25 U	320 U	19 U	22 U	25 U	--	31 U	13 U	3300	31 U	47 U
E-SB-1577-10-12	E-SB-1577	10	12	20170202	54 U	23 U	34 U	63 U	810 U	47 U	54 U	63 U	--	79 U	34 U	14000	77 U	120 U
E-SB-1578-10-12	E-SB-1578	10	12	20170202	0.13 U	0.19 U	0.15 U	0.15 U	1.7 U	0.26 U	0.24 U	0.28 U	--	0.27 U	0.15 U	0.66 J	0.17 UJ	0.61 U
E-SB-1579-10-12	E-SB-1579	10	12	20170203	0.14 U	0.19 U	0.15 UJ	0.15 U	1.7 U	0.27 U	0.25 U	0.29 U	--	0.34 J	0.15 U	350	0.17 U	0.63 UJ
E-SB-1580-10-12	E-SB-1580	10	12	20170203	36 U	15 U	22 U	42 U	540 U	31 U	36 U	42 U	--	52 U	22 U	7600	50 U	77 U
E-SB-1581-10-12	E-SB-1581	10	12	20170203	0.2 J	0.19 U	0.15 U	0.15 U	1.6 U	0.26 U	0.24 U	0.28 U	--	0.26 U	0.15 U	0.28 U	0.17 U	0.6 U
E-SB-1582-10-12	E-SB-1582	10	12	20170206	0.13 U	0.18 U	0.14 UJ	0.14 U	1.6 U	0.25 U	0.23 U	0.27 U	--	0.25 U	0.14 U	0.27 U	0.16 U	0.58 UJ
E-SB-1583-10-12	E-SB-1583	10	12	20170206	0.13 U	0.18 U	0.14 U	0.14 U	1.6 U	0.25 U	0.23 U	0.27 U	--	0.26 U	0.14 U	41	0.16 U	0.59 U
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	VINYL CHLORIDE VOLATILES (UG/KG)	type
E-SB-1547-14-16	E-SB-1547	14	16	20170109	--	NORMAL
E-SB-1547-16-18	E-SB-1547	16	18	20170109	--	NORMAL
E-SB-1547-18-20	E-SB-1547	18	20	20170109	--	NORMAL
E-SB-1548-10-12	E-SB-1548	10	12	20170109	--	NORMAL
E-SB-1548-12-14	E-SB-1548	12	14	20170109	--	NORMAL
E-SB-1548-12-14-AVG	E-SB-1548	12	14	20170109	--	NORMAL
E-SB-1548-12-14-D	E-SB-1548	12	14	20170109	--	NORMAL
E-SB-1548-14-16	E-SB-1548	14	16	20170109	--	NORMAL
E-SB-1548-16-18	E-SB-1548	16	18	20170109	--	NORMAL
E-SB-1548-18-20	E-SB-1548	18	20	20170109	--	NORMAL
E-SB-1549-10-12	E-SB-1549	10	12	20170110	--	NORMAL
E-SB-1549-12-14	E-SB-1549	12	14	20170110	--	NORMAL
E-SB-1549-12-14-AVG	E-SB-1549	12	14	20170110	--	NORMAL
E-SB-1549-12-14-D	E-SB-1549	12	14	20170110	--	NORMAL
E-SB-1549-14-16	E-SB-1549	14	16	20170110	--	NORMAL
E-SB-1549-16-18	E-SB-1549	16	18	20170110	--	NORMAL
E-SB-1549-18-20	E-SB-1549	18	20	20170110	--	NORMAL
E-SB-1550-10-12	E-SB-1550	10	12	20170110	--	NORMAL
E-SB-1550-12-14	E-SB-1550	12	14	20170110	--	NORMAL
E-SB-1550-12-14-AVG	E-SB-1550	12	14	20170110	--	NORMAL
E-SB-1550-12-14-D	E-SB-1550	12	14	20170110	--	NORMAL
E-SB-1550-14-16	E-SB-1550	14	16	20170110	--	NORMAL
E-SB-1550-16-18	E-SB-1550	16	18	20170110	--	NORMAL
E-SB-1550-18-20	E-SB-1550	18	20	20170110	--	NORMAL
E-SB-1551-10-12	E-SB-1551	10	12	20170110	--	NORMAL
E-SB-1551-12-14	E-SB-1551	12	14	20170110	--	NORMAL
E-SB-1551-14-16	E-SB-1551	14	16	20170110	--	NORMAL
E-SB-1551-16-18	E-SB-1551	16	18	20170110	--	NORMAL
E-SB-1551-18-20	E-SB-1551	18	20	20170110	--	NORMAL
E-SB-1552-10-12	E-SB-1552	10	12	20170110	--	NORMAL
E-SB-1552-12-14	E-SB-1552	12	14	20170110	--	NORMAL
E-SB-1552-14-16	E-SB-1552	14	16	20170110	--	NORMAL
E-SB-1552-16-18	E-SB-1552	16	18	20170110	--	NORMAL
E-SB-1552-18-20	E-SB-1552	18	20	20170110	--	NORMAL
E-SB-1553-10-12	E-SB-1553	10	12	20170110	--	NORMAL
E-SB-1553-12-14	E-SB-1553	12	14	20170110	--	NORMAL
E-SB-1553-14-16	E-SB-1553	14	16	20170110	--	NORMAL
E-SB-1553-16-18	E-SB-1553	16	18	20170110	--	NORMAL
E-SB-1553-18-20	E-SB-1553	18	20	20170110	--	NORMAL
E-SB-1572-10-12	E-SB-1572	10	12	20170201	15 U	NORMAL
E-SB-1573-10-12	E-SB-1573	10	12	20170202	16 U	NORMAL
E-SB-1574-10-12	E-SB-1574	10	12	20170202	31 U	NORMAL
E-SB-1575-10-12	E-SB-1575	10	12	20170202	0.2 U	NORMAL
E-SB-1576-10-12	E-SB-1576	10	12	20170202	15 U	NORMAL
E-SB-1577-10-12	E-SB-1577	10	12	20170202	38 U	NORMAL
E-SB-1578-10-12	E-SB-1578	10	12	20170202	0.2 U	NORMAL
E-SB-1579-10-12	E-SB-1579	10	12	20170203	1.8 J	NORMAL
E-SB-1580-10-12	E-SB-1580	10	12	20170203	25 U	NORMAL
E-SB-1581-10-12	E-SB-1581	10	12	20170203	0.19 U	NORMAL
E-SB-1582-10-12	E-SB-1582	10	12	20170206	0.19 U	NORMAL
E-SB-1583-10-12	E-SB-1583	10	12	20170206	0.19 U	NORMAL
E-SB-1584-10-12	E-SB-1584	10	12	20170131	--	NORMAL
E-SB-1584-12-14	E-SB-1584	12	14	20170131	--	NORMAL
E-SB-1584-14-16	E-SB-1584	14	16	20170131	--	NORMAL
E-SB-1585-10-12	E-SB-1585	10	12	20170131	--	NORMAL
E-SB-1585-12-14	E-SB-1585	12	14	20170131	--	NORMAL

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	HEXAVALENT CHROMIUM	PH	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--	--	1500 U	1400 U	980 U	1200 U	1000 U
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--	--	140 U	130 U	91 U	110 U	97 U
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--	--	140 U	130 U	92 U	110 U	97 U
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--	--	29 U	28 U	20 U	24 U	21 U
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	28 U	26 U	18 U	23 U	19 U
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	164 U	158 U	109 U	136.5 U	114.5 U
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	300 U	290 U	200 U	250 U	210 U
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--	--	28 U	26 U	18 U	23 U	19 U
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--	--	150 U	140 U	100 U	120 U	110 U
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--	--	14000 U	13000 U	9300 U	12000 U	9900 U
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--	--	1400 U	1400 U	960 U	1200 U	1000 U
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--	--	2800 U	2700 U	1900 U	2300 U	2000 U
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--	--	5700 U	5500 U	3800 U	4800 U	4100 U
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--	--	2900 U	2800 U	2000 U	2500 U	2100 U
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--	--	140 U	130 U	93 U	120 U	99 U
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--	--	140 U	130 U	93 U	120 U	99 U
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--	--	140 U	130 U	94 U	120 U	99 U
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--	--	1400 U	1400 U	940 U	1200 U	1000 U
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--	--	550 U	530 U	370 U	460 U	390 U
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--	--	140 U	130 U	91 U	110 U	97 U
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--	--	310000 U	300000 U	210000 U	260000 U	220000 U
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--	--	140 U	140 U	96 U	120 U	100 U
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--	--	140 U	130 U	92 U	120 U	98 U
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--	--	570 U	540 U	380 U	470 U	400 U
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--	--	57000 U	54000 U	38000 U	47000 U	40000 U
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--	--	28 U	26 U	18 U	23 U	19 U
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	16 U	21 U	9.1 U	23 U	0 U	91.05	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	860 U	22000	490 U	1200 U	22000	26315	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	80 U	1100	46 U	110 U	1100	1502	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	80 U	3100	46 U	110 U	3100	3502.5	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	17 U	81	9.6 U	24 U	81	166.3	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	17 U	1100	9.8 U	24 U	1100	1186.4	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	16 U	61 J	9.2 U	23 U	61	142.1	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	93 U	3230.5	54.1 U	136.5 U	3230.5	3713.3	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	170 U	6400 J	99 U	250 U	6400	7284.5	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	16 U	740	9.1 U	23 U	740	820.55	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	16 U	1400	9.2 U	23 U	1400	1481.1	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	17 U	22 U	9.6 U	24 U	0 U	96.3	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	17 U	21 U	9.5 U	24 U	0 U	94.75	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	16 U	660	9.3 U	23 U	660	742.65	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	16 U	190	9.3 U	23 U	190	272.65	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	17 U	220	9.5 U	24 U	220	304.25	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	16 U	620	9.3 U	23 U	620	702.65	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	87 U	4900	50 U	120 U	4900	5338.5	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	8200 U	320000	4700 U	12000 U	320000	361550	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	840 U	31000	480 U	1200 U	31000	35240	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	1600 U	49000	930 U	2300 U	49000	57265	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	3300 U	190000	1900 U	4800 U	190000	206950	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	1700 U	11000	980 U	2500 U	11000	19740	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	17 U	21 U	9.5 U	24 U	0 U	95.25	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	17 U	22 U	9.7 U	24 U	0 U	96.85	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	17 U	21 U	9.5 U	24 U	0 U	94.75	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	16 U	370	9.3 U	23 U	370	452.65	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	16 U	400	9.3 U	23 U	400	482.65	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	82 U	4400	47 U	120 U	4400	4815.5	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	81 U	1500	46 U	120 U	1500	1914.5	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	82 U	1600	47 U	120 U	1600	2016	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	830 U	18000	470 U	1200 U	18000	22220	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	320 U	14000	180 U	460 U	14000	15630	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	80 U	2000 J	45 U	110 U	2000	2401.5	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	16 U	360	9.1 U	23 U	360	440.55	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	16 U	140	9.1 U	23 U	140	220.55	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	180000 U	1E+07	100000 U	260000 U	1E+07	1E+07	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	84 U	4600	48 U	120 U	4600	5024	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	81 U	2300	46 U	120 U	2300	2713.5	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	17 U	57 J	9.6 U	24 U	57	142.3	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	16 U	700	9.2 U	23 U	700	781.6	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	17 U	22 U	9.6 U	24 U	0 U	95.8	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	16 U	21 U	9.2 U	23 U	0 U	92.1	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	17 U	32 J	9.4 U	24 U	32	116.2	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	330 U	22000	190 U	470 U	22000	23675	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	33000 U	2E+06	19000 U	47000 U	2E+06	2E+06	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	16 U	290	9.3 U	23 U	290	372.65	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	16 U	61	9.3 U	23 U	61	143.65	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	16 U	21 U	9.2 U	23 U	0 U	91.6	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	16 U	21 U	9.2 U	23 U	0 U	92.1	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	16 U	21 U	9.2 U	23 U	0 U	92.1	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	16 U	21 U	9.2 U	23 U	0 U	92.1	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	16 U	650	9.4 U	24 U	650	733.7	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	17 U	97	9.4 U	24 U	97	181.2	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	POTASSIUM-40	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PHENOL	PYRENE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	CYCLOTETRASILOXANE, OCTAMETHYL -	DIETHYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	VINYL CHLORIDE VOLATILES (UG/KG)	type
E-SB-1585-14-15	E-SB-1585	14	15	20170131	--	NORMAL
E-SB-1586-10-12	E-SB-1586	10	12	20170207	--	NORMAL
E-SB-1586-12-14	E-SB-1586	12	14	20170207	--	NORMAL
E-SB-1586-14-16	E-SB-1586	14	16	20170207	--	NORMAL
E-SB-1586-16-18	E-SB-1586	16	18	20170207	--	NORMAL
E-SB-1586-18-20	E-SB-1586	18	20	20170207	--	NORMAL
E-SB-1587-10-12	E-SB-1587	10	12	20170207	--	NORMAL
E-SB-1587-10-12-AVG	E-SB-1587	10	12	20170207	--	NORMAL
E-SB-1587-10-12-D	E-SB-1587	10	12	20170207	--	NORMAL
E-SB-1587-12-14	E-SB-1587	12	14	20170207	--	NORMAL
E-SB-1587-14-16	E-SB-1587	14	16	20170207	--	NORMAL
E-SB-1587-16-18	E-SB-1587	16	18	20170207	--	NORMAL
E-SB-1587-18-20	E-SB-1587	18	20	20170207	--	NORMAL
E-SB-1588-10-12	E-SB-1588	10	12	20170206	--	NORMAL
E-SB-1588-12-14	E-SB-1588	12	14	20170206	--	NORMAL
E-SB-1588-14-16	E-SB-1588	14	16	20170206	--	NORMAL
E-SB-1588-16-18	E-SB-1588	16	18	20170206	--	NORMAL
E-SB-1588-18-20	E-SB-1588	18	20	20170206	--	NORMAL
E-SB-1590-10-12	E-SB-1590	10	12	20170207	--	NORMAL
E-SB-1590-12-14	E-SB-1590	12	14	20170207	--	NORMAL
E-SB-1590-14-16	E-SB-1590	14	16	20170207	--	NORMAL
E-SB-1590-16-18	E-SB-1590	16	18	20170207	--	NORMAL
E-SB-1590-18-20	E-SB-1590	18	20	20170207	--	NORMAL
E-SB-1591-10-12	E-SB-1591	10	12	20170206	--	NORMAL
E-SB-1591-12-14	E-SB-1591	12	14	20170206	--	NORMAL
E-SB-1591-14-16	E-SB-1591	14	16	20170206	--	NORMAL
E-SB-1592-10-12	E-SB-1592	10	12	20170131	--	NORMAL
E-SB-1592-12-14	E-SB-1592	12	14	20170131	--	NORMAL
E-SB-1592-14-16	E-SB-1592	14	16	20170131	--	NORMAL
E-SB-1592-16-18	E-SB-1592	16	18	20170131	--	NORMAL
E-SB-1592-18-20	E-SB-1592	18	20	20170131	--	NORMAL
E-SB-1597-10-12	E-SB-1597	10	12	20170111	--	NORMAL
E-SB-1597-12-14	E-SB-1597	12	14	20170111	--	NORMAL
E-SB-1597-14-16	E-SB-1597	14	16	20170111	--	NORMAL
E-SB-1597-16-18	E-SB-1597	16	18	20170111	--	NORMAL
E-SB-1597-18-20	E-SB-1597	18	20	20170111	--	NORMAL
E-SB-1598-10-12	E-SB-1598	10	12	20170111	--	NORMAL
E-SB-1598-12-14	E-SB-1598	12	14	20170111	--	NORMAL
E-SB-1598-14-16	E-SB-1598	14	16	20170111	--	NORMAL
E-SB-1599-10-12	E-SB-1599	10	12	20170111	--	NORMAL
E-SB-1599-12-14	E-SB-1599	12	14	20170111	--	NORMAL
E-SB-1599-14-16	E-SB-1599	14	16	20170111	--	NORMAL
E-SB-1600-10-12	E-SB-1600	10	12	20170111	--	NORMAL
E-SB-1600-12-14	E-SB-1600	12	14	20170111	--	NORMAL
E-SB-1600-14-16	E-SB-1600	14	16	20170111	--	NORMAL
E-SB-1601-10-12	E-SB-1601	10	12	20170111	--	NORMAL
E-SB-1601-12-14	E-SB-1601	12	14	20170111	--	NORMAL
E-SB-1601-14-16	E-SB-1601	14	16	20170111	--	NORMAL
E-SB-1604-10-12	E-SB-1604	10	12	20170112	--	NORMAL
E-SB-1604-12-14	E-SB-1604	12	14	20170112	--	NORMAL
E-SB-1604-14-16	E-SB-1604	14	16	20170112	--	NORMAL
E-SB-1604-16-18	E-SB-1604	16	18	20170112	--	NORMAL
E-SB-1604-18-20	E-SB-1604	18	20	20170112	--	NORMAL
E-SB-1605-10-12	E-SB-1605	10	12	20170112	--	NORMAL
E-SB-1605-12-14	E-SB-1605	12	14	20170112	--	NORMAL
E-SB-1605-14-16	E-SB-1605	14	16	20170112	--	NORMAL

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	HEXAVALENT CHROMIUM	PH	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--	--	31 U	29 U	20 U	26 U	22 U
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--	--	29 U	28 U	20 U	24 U	21 U
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--	--	29 U	28 U	20 U	25 U	21 U
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--	--	5600 U	5300 U	3700 U	4600 U	3900 U
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--	--	280 U	270 U	190 U	230 U	200 U
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--	--	5600 U	5400 U	3800 U	4700 U	4000 U
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--	--	5600 U	5400 U	3800 U	4700 U	4000 U
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	16 U	21 U	9.4 U	23 U	0 U	93.2	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	16 U	21 U	9.2 U	23 U	0 U	92.6	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	16 U	51 J	9.1 U	23 U	51	131.55	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	18 U	23 U	10 U	26 U	0 U	102.5	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	16 U	20 U	8.9 U	22 U	0 U	89.45	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	17 U	32 J	9.5 U	24 U	32	116.25	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	17 U	430	9.7 U	24 U	430	515.85	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	17 U	22 U	9.6 U	24 U	0 U	96.3	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	16 U	20 U	9.1 U	23 U	0 U	90.55	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	17 U	54 J	9.8 U	24 U	54	140.4	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	17 U	22 U	9.6 U	24 U	0 U	96.3	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	17 U	22 U	9.7 U	24 U	0 U	96.85	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	16 U	20 U	9.1 U	23 U	0 U	90.55	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	17 U	21 U	9.4 U	24 U	0 U	94.7	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	17 U	22 U	9.8 U	25 U	0 U	98.4	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	17 U	22 U	9.6 U	24 U	0 U	96.8	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	17 U	21 U	9.4 U	24 U	0 U	94.7	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	17 U	22 U	9.7 U	24 U	0 U	96.85	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	17 U	22 U	9.7 U	24 U	0 U	96.85	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	16 U	21 U	9.2 U	23 U	0 U	92.1	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	16 U	20 U	9 U	23 U	0 U	90.5	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	16 U	21 U	9.1 U	23 U	0 U	91.05	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	16 U	21 U	9.1 U	23 U	0 U	91.05	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	16 U	20 U	9 U	22 U	0 U	89.5	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	16 U	20 U	9.1 U	23 U	0 U	90.55	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	16 U	20 U	9.1 U	23 U	0 U	90.55	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	17 U	22 U	9.6 U	24 U	0 U	96.3	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	17 U	22 U	9.7 U	24 U	0 U	96.85	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	17 U	22 U	9.7 U	24 U	0 U	96.85	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	16 U	20 U	9.1 U	23 U	0 U	90.55	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	3200 U	190000	1900 U	4600 U	190000	206400	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	160 U	5600	93 U	230 U	5600	6426.5	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	3300 U	160000	1900 U	4700 U	160000	176700	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	17 U	47 J	9.5 U	24 U	47	131.75	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	3300 U	190000	1900 U	4700 U	190000	206700	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	16 U	20 U	9 U	22 U	0 U	89.5	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	16 U	20 U	9 U	23 U	0 U	90.5	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	16 U	20 U	9.1 U	23 U	0 U	90.55	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	16 U	21 U	9.2 U	23 U	0 U	92.6	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	16 U	21 U	9.2 U	23 U	0 U	92.6	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	16 U	21 U	9.2 U	23 U	0 U	92.6	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	17 U	23 J	9.7 U	24 U	23	108.85	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	17 U	22 U	9.7 U	24 U	0 U	96.85	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	16 U	21 U	9.1 U	23 U	0 U	91.05	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	16 U	230	9.3 U	23 U	230	312.65	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	17 U	22 U	9.7 U	24 U	0 U	96.85	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	17 U	230	9.5 U	24 U	230	314.75	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	POTASSIUM-40	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PHENOL	PYRENE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	CYCLOTETRASILOXANE, OCTAMETHYL -	DIETHYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	VINYL CHLORIDE VOLATILES (UG/KG)	type
E-SB-1605-16-18	E-SB-1605	16	18	20170112	--	NORMAL
E-SB-1605-18-20	E-SB-1605	18	20	20170112	--	NORMAL
E-SB-1606-10-12	E-SB-1606	10	12	20170112	--	NORMAL
E-SB-1606-12-14	E-SB-1606	12	14	20170112	--	NORMAL
E-SB-1606-14-16	E-SB-1606	14	16	20170112	--	NORMAL
E-SB-1606-16-18	E-SB-1606	16	18	20170112	--	NORMAL
E-SB-1606-18-20	E-SB-1606	18	20	20170112	--	NORMAL
E-SB-1607-10-12	E-SB-1607	10	12	20170112	--	NORMAL
E-SB-1607-12-14	E-SB-1607	12	14	20170112	--	NORMAL
E-SB-1607-14-16	E-SB-1607	14	16	20170112	--	NORMAL
E-SB-1607-16-18	E-SB-1607	16	18	20170112	--	NORMAL
E-SB-1607-18-20	E-SB-1607	18	20	20170112	--	NORMAL
E-SB-1608-10-12	E-SB-1608	10	12	20170104	--	NORMAL
E-SB-1608-12-14	E-SB-1608	12	14	20170104	--	NORMAL
E-SB-1608-14-16	E-SB-1608	14	16	20170104	--	NORMAL
E-SB-1608-16-18	E-SB-1608	16	18	20170104	--	NORMAL
E-SB-1608-18-20	E-SB-1608	18	20	20170104	--	NORMAL
E-SB-1609-10-12	E-SB-1609	10	12	20170104	--	NORMAL
E-SB-1609-12-14	E-SB-1609	12	14	20170104	--	NORMAL
E-SB-1609-14-16	E-SB-1609	14	16	20170104	--	NORMAL
E-SB-1609-16-18	E-SB-1609	16	18	20170104	--	NORMAL
E-SB-1609-18-20	E-SB-1609	18	20	20170104	--	NORMAL
E-SB-1610-10-12	E-SB-1610	10	12	20170104	--	NORMAL
E-SB-1610-12-14	E-SB-1610	12	14	20170104	--	NORMAL
E-SB-1610-14-16	E-SB-1610	14	16	20170104	--	NORMAL
E-SB-1610-16-18	E-SB-1610	16	18	20170104	--	NORMAL
E-SB-1610-18-20	E-SB-1610	18	20	20170104	--	NORMAL
E-SB-1611-10-12	E-SB-1611	10	12	20170105	--	NORMAL
E-SB-1611-12-14	E-SB-1611	12	14	20170105	--	NORMAL
E-SB-1611-14-16	E-SB-1611	14	16	20170105	--	NORMAL
E-SB-1611-16-18	E-SB-1611	16	18	20170105	--	NORMAL
E-SB-1611-18-20	E-SB-1611	18	20	20170105	--	NORMAL
E-SB-1612-10-12	E-SB-1612	10	12	20170105	--	NORMAL
E-SB-1612-12-14	E-SB-1612	12	14	20170105	--	NORMAL
E-SB-1612-14-16	E-SB-1612	14	16	20170105	--	NORMAL
E-SB-1612-16-18	E-SB-1612	16	18	20170105	--	NORMAL
E-SB-1612-18-20	E-SB-1612	18	20	20170105	--	NORMAL
E-SB-1613-10-12	E-SB-1613	10	12	20170105	--	NORMAL
E-SB-1613-12-14	E-SB-1613	12	14	20170105	--	NORMAL
E-SB-1613-14-16	E-SB-1613	14	16	20170105	--	NORMAL
E-SB-1613-16-18	E-SB-1613	16	18	20170105	--	NORMAL
E-SB-1613-18-20	E-SB-1613	18	20	20170105	--	NORMAL
E-SB-1614-10-12	E-SB-1614	10	12	20170105	--	NORMAL
E-SB-1614-12-14	E-SB-1614	12	14	20170105	--	NORMAL
E-SB-1614-14-16	E-SB-1614	14	16	20170105	--	NORMAL
E-SB-1614-16-18	E-SB-1614	16	18	20170105	--	NORMAL
E-SB-1614-18-20	E-SB-1614	18	20	20170105	--	NORMAL
E-SB-1615-10-12	E-SB-1615	10	12	20170106	--	NORMAL
E-SB-1615-12-14	E-SB-1615	12	14	20170106	--	NORMAL
E-SB-1615-14-16	E-SB-1615	14	16	20170106	--	NORMAL
E-SB-1615-16-18	E-SB-1615	16	18	20170106	--	NORMAL
E-SB-1615-18-20	E-SB-1615	18	20	20170106	--	NORMAL
E-SB-1616-10-12	E-SB-1616	10	12	20170106	--	NORMAL
E-SB-1616-12-14	E-SB-1616	12	14	20170106	--	NORMAL
E-SB-1616-14-16	E-SB-1616	14	16	20170106	--	NORMAL
E-SB-1616-16-18	E-SB-1616	16	18	20170106	--	NORMAL

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	HEXAVALENT CHROMIUM	PH	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--	--	140 U	140 U	95 U	120 U	100 U
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	300 U	290 U	200 U	250 U	210 U
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	225 U	215 U	149 U	185 U	155 U
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	150 U	140 U	98 U	120 U	100 U
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--	--	56 U	54 U	37 U	47 U	40 U
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--	--	54 U	52 U	36 U	45 U	38 U
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--	--	270 U	260 U	180 U	230 U	190 U
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--	--	30 U	29 U	20 U	25 U	22 U
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--	--	29 U	28 U	20 U	25 U	21 U
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--	--	6000 U	5800 U	4000 U	5000 U	4300 U
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--	--	580 U	560 U	390 U	490 U	410 U
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22.5 U	19 U
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--	--	30 U	29 U	20 U	25 U	21 U
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--	--	30 U	29 U	20 U	25 U	21 U
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--	--	30 U	28 U	20 U	25 U	21 U
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--	--	570 U	550 U	380 U	480 U	410 U
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--	--	290 U	280 U	190 U	240 U	210 U
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--	--	290 U	270 U	190 U	240 U	200 U
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23.5 U	20 U
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--	--	31 U	29 U	20 U	26 U	22 U
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--	--	1700 U	1700 U	1200 U	1500 U	1200 U
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--	--	310 U	300 U	210 U	260 U	220 U
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--	--	32 U	31 U	21 U	27 U	23 U
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--	--	29 U	28 U	20 U	24 U	21 U
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--	--	28 U	26 U	18 U	23 U	20 U
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	83 U	2300	47 U	120 U	2300	2722.5	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	170 U	10000	99 U	250 U	10000	10885	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	128 U	8150	74 U	185 U	8150	8808	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	86 U	6300	49 U	120 U	6300	6731.5	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	33 U	2100	19 U	47 U	2100	2266.5	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	32 U	1300	18 U	45 U	1300	1460	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	17 U	820	9.7 U	24 U	820	905.85	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	16 U	21 U	9.2 U	23 U	0 U	92.6	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	17 U	22 U	9.6 U	24 U	0 U	96.3	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	160 U	8700	92 U	230 U	8700	9506	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	16 U	21 U	9.4 U	23 U	0 U	93.2	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	18 U	23 U	10 U	25 U	0 U	101	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	17 U	22 U	9.8 U	25 U	0 U	98.4	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	17 U	22 U	9.7 U	24 U	0 U	96.85	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	17 U	21 U	9.5 U	24 U	0 U	95.25	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	17 U	22 U	9.6 U	24 U	0 U	96.3	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	3500 U	200000	2000 U	5000 U	200000	217800	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	340 U	27000	190 U	490 U	27000	28725	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	16 U	20 U	9 U	22 U	0 U	89.5	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	16 U	70	9 U	22.5 U	65	150	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	16 U	130	9 U	23 U	130	210.5	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	16 U	28 J	8.9 U	22 U	28	107.45	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	17 U	1100	9.7 U	24 U	1100	1185.9	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	17 U	320	9.7 U	24 U	320	405.85	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	17 U	260	10 U	25 U	260	348.5	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	17 U	300	9.9 U	25 U	300	388.45	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	17 U	120	9.8 U	25 U	120	207.9	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	17 U	36 J	9.5 U	24 U	36	120.25	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	330 U	27000	190 U	480 U	27000	28695	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	17 U	200	9.4 U	24 U	200	284.2	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	170 U	5100	97 U	240 U	5100	5958.5	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	170 U	5700	95 U	240 U	5700	6547.5	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	17 U	26 J	9.6 U	24 U	26	111.3	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	17 U	21 U	9.4 U	24 U	0 U	94.7	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	16 U	21 U	9.2 U	23 U	0 U	92.1	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	16 U	21 U	9.4 U	24 U	0 U	94.2	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	17 U	21 U	9.5 U	24 U	0 U	95.25	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	16 U	21 U	9.4 U	23 U	0 U	93.2	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	16 U	21 U	9.4 U	23.5 U	0 U	93.7	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	16 U	21 U	9.4 U	24 U	0 U	94.2	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	17 U	22 U	9.6 U	24 U	0 U	95.8	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	18 U	23 U	10 U	26 U	0 U	102.5	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	17 U	21 U	9.5 U	24 U	0 U	95.25	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	16 U	21 U	9.4 U	23 U	0 U	93.2	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	17 U	22 U	9.6 U	24 U	0 U	96.3	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	17 U	21 U	9.5 U	24 U	0 U	95.25	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	1000 U	22000	580 U	1500 U	22000	27190	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	180 U	9900	100 U	260 U	9900	10820	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	19 U	170	11 U	27 U	170	265.5	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	17 U	490	9.8 U	24 U	490	576.4	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	16 U	830 J	9.2 U	23 U	830	911.6	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	16 U	350	9.1 U	23 U	350	430.55	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	17 U	340	9.5 U	24 U	340	424.75	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	POTASSIUM-40	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PHENOL	PYRENE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	CYCLOTETRASILOXANE, OCTAMETHYL -	DIETHYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	VINYL CHLORIDE VOLATILES (UG/KG)	type
E-SB-1616-18-20	E-SB-1616	18	20	20170106	--	NORMAL
E-SB-1617-11-13	E-SB-1617	11	13	20170106	--	NORMAL
E-SB-1617-11-13-AVG	E-SB-1617	11	13	20170106	--	NORMAL
E-SB-1617-11-13-D	E-SB-1617	11	13	20170106	--	NORMAL
E-SB-1617-13-15	E-SB-1617	13	15	20170106	--	NORMAL
E-SB-1618-10-12	E-SB-1618	10	12	20170113	--	NORMAL
E-SB-1618-12-14	E-SB-1618	12	14	20170113	--	NORMAL
E-SB-1618-14-16	E-SB-1618	14	16	20170113	--	NORMAL
E-SB-1618-16-18	E-SB-1618	16	18	20170113	--	NORMAL
E-SB-1618-18-20	E-SB-1618	18	20	20170113	--	NORMAL
E-SB-1619-10-12	E-SB-1619	10	12	20170113	--	NORMAL
E-SB-1619-12-14	E-SB-1619	12	14	20170113	--	NORMAL
E-SB-1619-14-16	E-SB-1619	14	16	20170113	--	NORMAL
E-SB-1619-16-18	E-SB-1619	16	18	20170113	--	NORMAL
E-SB-1619-18-20	E-SB-1619	18	20	20170113	--	NORMAL
E-SB-1620-10-12	E-SB-1620	10	12	20170116	--	NORMAL
E-SB-1620-12-14	E-SB-1620	12	14	20170116	--	NORMAL
E-SB-1620-14-16	E-SB-1620	14	16	20170116	--	NORMAL
E-SB-1620-16-18	E-SB-1620	16	18	20170116	--	NORMAL
E-SB-1620-16-18-AVG	E-SB-1620	16	18	20170116	--	NORMAL
E-SB-1620-16-18-D	E-SB-1620	16	18	20170116	--	NORMAL
E-SB-1620-18-20	E-SB-1620	18	20	20170116	--	NORMAL
E-SB-1621-10-12	E-SB-1621	10	12	20170116	--	NORMAL
E-SB-1621-12-14	E-SB-1621	12	14	20170116	--	NORMAL
E-SB-1621-14-16	E-SB-1621	14	16	20170116	--	NORMAL
E-SB-1621-16-18	E-SB-1621	16	18	20170116	--	NORMAL
E-SB-1621-18-20	E-SB-1621	18	20	20170116	--	NORMAL
E-SB-1622-10-12	E-SB-1622	10	12	20170116	--	NORMAL
E-SB-1622-12-14	E-SB-1622	12	14	20170116	--	NORMAL
E-SB-1622-14-16	E-SB-1622	14	16	20170116	--	NORMAL
E-SB-1622-16-18	E-SB-1622	16	18	20170116	--	NORMAL
E-SB-1622-18-20	E-SB-1622	18	20	20170116	--	NORMAL
E-SB-1623-10-12	E-SB-1623	10	12	20170117	--	NORMAL
E-SB-1623-12-14	E-SB-1623	12	14	20170117	--	NORMAL
E-SB-1623-14-16	E-SB-1623	14	16	20170117	--	NORMAL
E-SB-1623-16-18	E-SB-1623	16	18	20170117	--	NORMAL
E-SB-1623-18-20	E-SB-1623	18	20	20170117	--	NORMAL
E-SB-1624-10-12	E-SB-1624	10	12	20170117	--	NORMAL
E-SB-1624-12-14	E-SB-1624	12	14	20170117	--	NORMAL
E-SB-1624-14-16	E-SB-1624	14	16	20170117	--	NORMAL
E-SB-1624-14-16-AVG	E-SB-1624	14	16	20170117	--	NORMAL
E-SB-1624-14-16-D	E-SB-1624	14	16	20170117	--	NORMAL
E-SB-1624-16-18	E-SB-1624	16	18	20170117	--	NORMAL
E-SB-1624-18-20	E-SB-1624	18	20	20170117	--	NORMAL
E-SB-1625-10-12	E-SB-1625	10	12	20170117	--	NORMAL
E-SB-1625-12-14	E-SB-1625	12	14	20170117	--	NORMAL
E-SB-1625-14-16	E-SB-1625	14	16	20170117	--	NORMAL
E-SB-1625-16-18	E-SB-1625	16	18	20170117	--	NORMAL
E-SB-1625-18-20	E-SB-1625	18	20	20170117	--	NORMAL
E-SB-1720-10-12	E-SB-1720	10	12	20171110	--	NORMAL
E-SB-1724-15-16	E-SB-1724	15	16	20171107	--	NORMAL
E-SB-1724-16-18	E-SB-1724	16	18	20171107	--	NORMAL
E-SB-1724-18-20	E-SB-1724	18	20	20171107	--	NORMAL
E-SB-1725-10-12	E-SB-1725	10	12	20171108	--	NORMAL
E-SB-1725-12-14	E-SB-1725	12	14	20171108	--	NORMAL
E-SB-1725-14-16	E-SB-1725	14	16	20171108	--	NORMAL

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.44 U	1.1 J
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.55 U	1.5 J
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.39 U	1.2
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.2 U	2.7 J
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.44 U	1.1 J
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1 U	2 J
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.52 U	1.6
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.1 U	5.5
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.47 U	3.2
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.56 U	1.4 U
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.56 UJ	3.1
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.48 UJ	3.7 J
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.44 UJ	2.1 J
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.48 UJ	4.3 J
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.57 UJ	3.2 J
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.55 UJ	2.3 J
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.52 UJ	2.6 J
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.52 UJ	3.5 J
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.56 UJ	2 J
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.53 UJ	2.9 J
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.52 U	1.5 J

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	7.9 J	2.7	0.059 J	12	5.3	11	--	3.8	--	0.022 U	0.055 U	19	0.31 U	0.058 U	0.21 J	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	11 J	2.3	0.07 J	15	5.6	13	--	4.7	--	0.021 U	0.067 U	21	0.39 U	0.072 U	0.17 J	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	11 J	1.7	0.023 J	11	5.4	3	--	2.8	--	0.023 U	0.12 J	14	0.28 U	0.051 U	0.2 J	--	--
E-SB-1728-16-18	E-SB-1728	16	18	20171108	15 J	2.2 J	0.095 U	18	9.6	11	--	5.6	--	0.019 U	0.27 U	22	1.5 U	0.28 U	0.15 J	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	12 J	2	0.031 J	13	6	15	--	3.9	--	0.018 U	0.072 J	30	0.31 U	0.057 U	0.23 J	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	10 J	6.9	0.05 J	15	8.1	8.2	--	4.2	--	0.021 U	0.23 J	26	0.73 U	0.13 U	0.39 U	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	10 J	0.89	0.023 U	20	3.6	6.3	--	7.3	--	0.022 U	0.064 U	10	0.37 U	0.068 U	0.57 U	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	16 J	5.3	0.086 J	30	31	15	--	9	--	0.023 U	0.14 U	60	0.9 J	0.15 U	0.67 U	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	17 J	4.4	0.021 U	25	15	10	--	5.3	--	0.021 U	0.16 J	59	0.33 U	0.062 U	0.76 U	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	15 J	2.7	0.025 U	24	8.6	6.9	--	4.3	--	0.021 U	0.19 J	40	0.4 U	0.074 U	0.74 U	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	15 J	3.1	0.024 J	17 J	9.1	14	--	6.7 J	--	0.019 U	0.16 J	29	0.39 U	0.073 U	0.56 U	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	13 J	3.2 J	0.039 J	15 J	8.4	12 J	--	7 J	--	0.023 U	0.29 J	27	0.34 UJ	0.063 UJ	0.49 U	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	9.8 J	1.4 J	0.031 J	12 J	4.8	9.7 J	--	4.6 J	--	0.022 U	0.16 J	14	0.32 UJ	0.058 UJ	0.31 U	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	11 J	1.7 J	0.048 J	17 J	8.2	18 J	--	9.6 J	--	0.021 U	0.25 J	24	0.34 UJ	0.064 UJ	0.47 U	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	23 J	2.5 J	0.11 J	26 J	16	21 J	--	8.6 J	--	0.022 U	0.12 J	51	0.41 UJ	0.075 UJ	0.74 U	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	9.2 J	0.45 U	0.052 J	7.5 J	1.7	5.2	--	4.5 J-	--	0.024 UJ	0.42 J	3.7 U	0.39 UJ	0.072 UJ	0.15 U	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	12 J	0.86 J	0.084 J	10 J	2.7	6.4	--	5 J-	--	0.025 UJ	0.45 J	6.5	0.37 UJ	0.068 UJ	0.34 J	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	18 J	1.7 J	0.15 J	14 J	6.2	9.8	--	7.4 J-	--	0.023 UJ	0.52 J	16	0.37 UJ	0.068 UJ	0.31 J	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	4.3 J	2.2 J	0.024 UJ	7.6 J	3.8	4.5	--	2.5 J-	--	0.025 UJ	0.15 J	11	0.4 UJ	0.073 UJ	0.26 J	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	7.2 J	2.8 J	0.023 UJ	19 J	5.7	34	--	5.2 J-	--	0.021 UJ	0.24 J	13	0.5 J	0.069 UJ	0.27 J	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	26	2.8	0.096 J	21	9.1	12 J	--	4.2	--	0.021 U	0.12 U	25	0.37 U	0.068 U	0.14 U	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	HEXAVALENT CHROMIUM	PH	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	29 U	27.5 U	19 U	24 U	20 U
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--	--	26 U	25 U	18 U	22 U	19 U
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--	--	26 U	25 U	18 U	22 U	19 U
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	16 J	50	--	--	5.5	29 U	28 U	19 U	24 U	21 U
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	21 J	36	--	--	5.4	29 U	28 U	19 U	24 U	21 U
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	14 J	20	--	--	5.2	28 U	27 U	19 U	23 U	20 U
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	39 J	79	--	--	5.4	290 U	270 U	190 U	240 U	200 U
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	26 J	22	--	--	5	240 U	230 U	160 U	200 U	170 U
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--	--	290 U	280 U	190 U	240 U	210 U
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--	--	1400 U	1300 U	940 U	1200 U	1000 U
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	22	30	--	--	5.8	29 U	28 U	19 U	24 U	20 U
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	78 J	31	--	--	5.6	59 U	57 U	39 U	49 U	42 U
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	45	71	--	--	4.9	58 U	56 U	39 U	49 U	41 U
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	40 J	67	--	--	5.2	30 U	29 U	20 U	25 U	21 U
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	37 J	29	--	--	5.7	31 U	30 U	21 U	26 U	22 U
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--	--	140000 U	130000 U	92000 U	120000 U	98000 U
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--	--	570 U	540 U	380 U	470 U	400 U
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--	--	30 U	29 U	20 U	25 U	21 U
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	20 U
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	140 U	130 U	94 U	120 U	99 U
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	84 U	78.5 U	56.5 U	72 U	59.5 U
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	26 J	51	--	--	5.7	29 U	28 U	19 U	24 U	21 U
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	26 J	46	--	--	5.6	28 U	26 U	18 U	23 U	19 U
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	21 J	27	--	--	5.3	28 U	27 U	19 U	23 U	20 U
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	36 J	48	--	--	5	5800 U	5500 U	3800 U	4800 U	4100 U
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	35 J	110	--	--	5	29 U	28 U	19 U	24 U	21 U
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--	--	2900 U	2800 U	1900 U	2400 U	2000 U
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--	--	590 U	570 U	400 U	490 U	420 U
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	10 J-	14 J	--	--	7.6	61000 U	58000 U	41000 U	51000 U	43000 U
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	13 J-	20 J	--	--	7.2	30000 U	28000 U	20000 U	25000 U	21000 U
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	21 J-	41 J	--	--	8.1	28000 U	27000 U	19000 U	24000 U	20000 U
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	18 J-	27 J	--	--	5.2	31 U	30 U	21 U	26 U	22 U
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	31 J-	25 J	--	--	5.3	150 U	140 U	98 U	120 U	100 U
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	26	54	--	--	5.7	29 U	28 U	19 U	24 U	21 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	17 U	28 J	9.6 U	24 U	28	113.3	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	17 U	24.5	9.55 U	24 U	24.5	109.53	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	17 U	21 J	9.5 U	24 U	21	105.75	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	17 U	61	9.6 U	24 U	61	146.3	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	15 U	20 U	8.8 U	22 U	0 U	87.9	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	16 U	21 U	9.2 U	23 U	0 U	92.6	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	17 U	22 U	9.7 U	24 U	0 U	96.85	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	15 U	20 U	8.8 U	22 U	0 U	87.9	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	16 U	130	9.1 U	23 U	130	210.55	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	16 U	21 U	9.2 U	23 U	0 U	92.6	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	17 U	27 J	9.5 U	24 U	27	111.75	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	16 U	730	9.3 U	23 U	730	812.65	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	16 U	21 U	9.2 U	23 U	0 U	92.6	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	17 U	45 J	9.7 U	24 U	45	130.85	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	17 U	22 U	9.7 U	24 U	0 U	96.85	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	16 U	67	9.3 U	23 U	67	149.65	--	--	--	--	--
E-SB-1728-16-18	E-SB-1728	16	18	20171108	170 U	260 J	95 U	240 U	260	1107.5	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	140 U	180 U	79 U	200 U	0 U	799.5	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	16 U	20 U	9 U	23 U	0 U	90.5	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	170 U	3800	97 U	240 U	3800	4658.5	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	16 U	35 J	9.1 U	23 U	35	115.55	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	820 U	50000	470 U	1200 U	50000	54165	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	16 U	170	9.1 U	23 U	170	250.55	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	17 U	1200	9.6 U	24 U	1200	1285.3	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	34 U	2700	20 U	49 U	2700	2874.5	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	34 U	1700	19 U	49 U	1700	1872.5	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	18 U	450	10 U	25 U	450	539	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	18 U	1300	10 U	26 U	1300	1392	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	17 U	21 U	9.5 U	24 U	0 U	94.75	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	81000 U	670000	46000 U	120000 U	670000	1E+06	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	17 U	770	9.6 U	24 U	770	855.3	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	330 U	28000	190 U	470 U	28000	29675	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	17 U	1100	9.9 U	25 U	1100	1188.5	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	17 U	330	9.6 U	24 U	330	415.3	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	82 U	970 J	47 U	120 U	970	1386	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	49 U	508	28.2 U	72 U	508	757.85	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	16 U	46 J	9.4 U	24 U	46	129.7	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	17 U	28 J	9.5 U	24 U	28	112.75	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	17 U	22 U	9.7 U	24 U	0 U	96.85	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	16 U	21 U	9.2 U	23 U	0 U	91.6	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	16 U	21 U	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	3400 U	150000	1900 U	4800 U	150000	167050	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	17 U	130	9.7 U	24 U	130	215.85	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	17 U	510	9.7 U	24 U	510	595.85	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	1700 U	130000	960 U	2400 U	130000	138530	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	350 U	21000	200 U	490 U	21000	22755	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	17 U	22 U	9.7 U	24 U	0 U	96.85	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	16 U	130 J	9.3 U	23 U	130	212.65	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	35000 U	2E+06	20000 U	51000 U	2E+06	2E+06	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	17000 U	2E+06	9900 U	25000 U	2E+06	2E+06	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	17000 U	970000	9500 U	24000 U	970000	1E+06	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	18 U	630	10 U	26 U	630	722	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	86 U	4600	49 U	120 U	4600	5031.5	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	17 U	66	9.7 U	24 U	66	151.85	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	POTASSIUM-40	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PHENOL	PYRENE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	CYCLOTETRASILOXANE, OCTAMETHYL -	DIETHYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	VINYL CHLORIDE VOLATILES (UG/KG)	type
E-SB-1725-16-18	E-SB-1725	16	18	20171108	--	NORMAL
E-SB-1725-16-18-AVG	E-SB-1725	16	18	20171108	--	NORMAL
E-SB-1725-16-18-D	E-SB-1725	16	18	20171108	--	NORMAL
E-SB-1725-18-20	E-SB-1725	18	20	20171108	--	NORMAL
E-SB-1726-10-12	E-SB-1726	10	12	20171109	--	NORMAL
E-SB-1726-12-14	E-SB-1726	12	14	20171109	--	NORMAL
E-SB-1726-14-16	E-SB-1726	14	16	20171109	--	NORMAL
E-SB-1726-16-18	E-SB-1726	16	18	20171109	--	NORMAL
E-SB-1726-18-20	E-SB-1726	18	20	20171109	--	NORMAL
E-SB-1727-10-12	E-SB-1727	10	12	20171108	--	NORMAL
E-SB-1727-12-14	E-SB-1727	12	14	20171108	--	NORMAL
E-SB-1727-14-16	E-SB-1727	14	16	20171108	--	NORMAL
E-SB-1727-16-18	E-SB-1727	16	18	20171108	--	NORMAL
E-SB-1727-18-20	E-SB-1727	18	20	20171108	--	NORMAL
E-SB-1728-10-12	E-SB-1728	10	12	20171108	--	NORMAL
E-SB-1728-12-14	E-SB-1728	12	14	20171108	--	NORMAL
E-SB-1728-14-16	E-SB-1728	14	16	20171108	--	NORMAL
E-SB-1728-16-18	E-SB-1728	16	18	20171108	--	NORMAL
E-SB-1728-18-20	E-SB-1728	18	20	20171108	--	NORMAL
E-SB-1729-10-12	E-SB-1729	10	12	20171109	--	NORMAL
E-SB-1729-12-14	E-SB-1729	12	14	20171109	--	NORMAL
E-SB-1730-10-12	E-SB-1730	10	12	20171109	--	NORMAL
E-SB-1730-12-14	E-SB-1730	12	14	20171109	--	NORMAL
E-SB-1731-10-12	E-SB-1731	10	12	20171107	--	NORMAL
E-SB-1731-12-14	E-SB-1731	12	14	20171107	--	NORMAL
E-SB-1732-10-12	E-SB-1732	10	12	20171108	--	NORMAL
E-SB-1732-12-14	E-SB-1732	12	14	20171108	--	NORMAL
E-SB-1732-14-16	E-SB-1732	14	16	20171108	--	NORMAL
E-SB-1732-16-18	E-SB-1732	16	18	20171108	--	NORMAL
E-SB-1732-18-20	E-SB-1732	18	20	20171108	--	NORMAL
E-SB-1733-10-12	E-SB-1733	10	12	20171109	--	NORMAL
E-SB-1734-10-12	E-SB-1734	10	12	20171110	--	NORMAL
E-SB-1734-12-14	E-SB-1734	12	14	20171110	--	NORMAL
E-SB-1734-14-16	E-SB-1734	14	16	20171110	--	NORMAL
E-SB-1734-16-18	E-SB-1734	16	18	20171110	--	NORMAL
E-SB-1734-18-20	E-SB-1734	18	20	20171110	--	NORMAL
E-SB-1735-16-18	E-SB-1735	16	18	20171110	--	NORMAL
E-SB-1735-16-18-AVG	E-SB-1735	16	18	20171110	--	NORMAL
E-SB-1735-16-18-D	E-SB-1735	16	18	20171110	--	NORMAL
E-SB-1735-18-20	E-SB-1735	18	20	20171110	--	NORMAL
E-SB-1736-10-12	E-SB-1736	10	12	20171110	--	NORMAL
E-SB-1736-12-14	E-SB-1736	12	14	20171110	--	NORMAL
E-SB-1736-14-16	E-SB-1736	14	16	20171110	--	NORMAL
E-SB-1736-16-18	E-SB-1736	16	18	20171110	--	NORMAL
E-SB-1736-18-20	E-SB-1736	18	20	20171110	--	NORMAL
E-SB-1737-10-12	E-SB-1737	10	12	20171109	--	NORMAL
E-SB-1737-12-14	E-SB-1737	12	14	20171109	--	NORMAL
E-SB-1737-14-16	E-SB-1737	14	16	20171109	--	NORMAL
E-SB-1737-16-18	E-SB-1737	16	18	20171109	--	NORMAL
E-SB-1737-18-20	E-SB-1737	18	20	20171109	--	NORMAL
E-SB-1738-10-12	E-SB-1738	10	12	20171110	--	NORMAL
E-SB-1738-12-14	E-SB-1738	12	14	20171110	--	NORMAL
E-SB-1738-14-16	E-SB-1738	14	16	20171110	--	NORMAL
E-SB-1738-16-18	E-SB-1738	16	18	20171110	--	NORMAL
E-SB-1738-18-20	E-SB-1738	18	20	20171110	--	NORMAL
E-SB-1739-18-20	E-SB-1739	18	20	20171111	--	NORMAL

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.47 U	1.8
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.42 U	2.1
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.49 U	1.5
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.57 U	6.5
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.52 U	5.9
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.55 U	2.1
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.55 U	1.4 J
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	85 U	85 U	85 U	85 U	85 U	85 U	85 U	85 U	85 U	85 U	85 U	85 U	85 U	85 U	85 U	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	260 J	220 J	86 U	86 U	350 J	280 J	86 U	230 J	280 J	230 J	310 J	420 J	250 J	1600 J	390 J	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	84 U	84 U	84 U	84 U	84 U	84 U	84 U	84 U	84 U	84 U	84 U	84 U	84 U	84 U	84 U	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	30	3.25	0.108	22	11.05	17	--	5.25	--	0.021 U	0.14	32	0.335 U	0.062 U	0.125 U	--	--
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	34	3.7	0.12 J	23	13	22 J	--	6.3	--	0.02 U	0.22 J	39	0.3 U	0.056 U	0.11 U	--	--
E-SB-1740-10-12	E-SB-1740	10	12	20171111	7.3 J	1.8	0.07 J	9.2	6.6	9.2	--	4.2	--	0.025 U	0.06 U	13	0.35 U	0.065 U	0.13 U	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	7.1 J	1.8	0.052 J	18	9.8	10	--	5.5	--	0.022 U	0.071 U	22	0.41 U	0.075 U	0.16 U	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	8.9 J	2.1	0.11 J	15	14	13	--	4.1	--	0.021 U	0.079 U	14	0.37 U	0.068 U	0.14 U	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	14 J	3.5	0.11 J	26	12	20	--	6.3	--	0.022 U	0.22 U	27	0.39 U	0.072 U	0.15 U	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	19 J	2.5	0.069 J	20	7.6	13	--	4.4	--	0.023 U	0.068 U	20	0.39 U	0.072 U	0.15 U	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	HEXAVALENT CHROMIUM	PH	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	--	--	--	--	30.5	67.5	--	--	5.65	29.5 U	28.5 U	19.5 U	24.5 U	21 U
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	--	--	--	--	35	81	--	--	5.6	30 U	29 U	20 U	25 U	21 U
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	26	25	--	--	5.2	29000 U	28000 U	19000 U	24000 U	20000 U
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	27	27	--	--	5.4	2900 U	2700 U	1900 U	2400 U	2000 U
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	21	38	--	--	5.6	60 U	57 U	40 U	50 U	42 U
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	38	52	--	--	5.3	130 U	130 U	90 U	110 U	95 U
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	24	40	--	--	5.5	290 U	280 U	190 U	240 U	210 U
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--	--	29 U	28 U	20 U	25 U	21 U
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--	--	28 U	26 U	18 U	23 U	19 U
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--	--	28 U	22 U	19 U	18 U	23 U
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--	--	26 U	19 U	17 U	16 U	21 U
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--	--	28 U	22 U	19 U	18 U	23 U
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	21 U
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--	--	27 U	20 U	18 U	16 U	22 U
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--	--	1300 UJ	1000 UJ	890 UJ	830 UJ	1100 UJ
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--	--	53 U	41 U	36 U	33 U	43 U
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--	--	120 U	95 U	83 U	77 U	100 U
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--	--	30 U	23 U	20 U	18 U	24 U
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--	--	27 U	21 U	18 U	17 U	22 U
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--	--	27 U	20 U	18 U	17 U	22 U
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--	--	27 U	21 U	18 U	17 U	22 U
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--	--	26 U	20 U	18 U	16 U	21 U
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	24.5 U	18.5 U	16.5 U	15 U	19.5 U
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	17.5 U	88	9.85 U	24.5 U	88	175.43	--	--	--	--	--
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	18 U	110	10 U	25 U	110	199	--	--	--	--	--
E-SB-1740-10-12	E-SB-1740	10	12	20171111	17000 U	1E+06	9600 U	24000 U	1E+06	1E+06	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	1700 U	110000	950 U	2400 U	110000	118475	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	35 U	2800	20 U	50 U	2800	2977	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	78 U	4800	45 U	110 U	4800	5194	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	170 U	16000	96 U	240 U	16000	16858	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	16 U	38 J	9 U	23 U	38	118.5	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	18 J	20 U	8.9 U	22 U	18	99.45	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	290	22 U	9.8 U	25 U	290	379.9	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	34 J	21 U	9.2 U	23 U	34	117.6	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	66	22 U	9.7 U	24 U	66	154.35	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	20 U	20 U	--	--	0 U	67.5	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	20 U	20 U	--	--	0 U	66.5	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	23 U	23 U	--	--	0 U	78	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	20 U	20 U	--	--	0 U	68	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	21 U	21 U	--	--	0 U	71	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	20 U	20 U	--	--	0 U	67.5	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	19 U	19 U	--	--	0 U	65	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	21 U	21 U	--	--	0 U	70.5	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	20 U	20 U	--	--	0 U	68.5	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	20 U	20 U	--	--	0 U	67.5	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	20 U	20 U	--	--	0 U	68.5	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	21 U	21 U	--	--	0 U	71	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	20 U	20 U	--	--	0 U	67	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	23 U	23 U	--	--	0 U	78	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	20 U	20 U	--	--	0 U	68	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	21 U	21 U	--	--	0 U	70	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	21 U	21 U	--	--	0 U	71	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	20 U	20 U	--	--	0 U	68	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	20 U	20 U	--	--	0 U	68	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	22 U	22 U	--	--	0 U	73.5	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	21 U	21 U	--	--	0 U	71	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	21 U	21 U	--	--	0 U	71	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	20 U	20 U	--	--	0 U	68	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	20 U	20 U	--	--	0 U	68.5	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	20 U	20 U	--	--	0 U	68.5	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	1100 UJ	15000 J	--	--	15000	18110	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	43 U	180 J	--	--	180	304.5	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	100 U	280	--	--	280	567.5	--	3800 J	54 U	--	--
E-SB-828-13	SB-828	13	13	20100916	24 U	61	--	--	61	130.5	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	22 U	40 J	--	--	40	103.5	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	22 U	22 UJ	--	--	0 U	74	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	21 U	33 J	--	--	33	93.5	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	21 U	21 UJ	--	--	0 U	71	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	20 U	20 U	--	--	0 U	68.5	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	20 U	20 U	--	--	0 U	68.5	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	20 U	20 U	--	--	0 U	68.5	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	22 U	33 J	--	--	33	96.5	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	21 U	21 U	--	--	0 U	71.5	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	20 U	20 U	--	--	0 U	68.5	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	20 U	20 U	--	--	0 U	68.5	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	20 U	20 U	--	--	0 U	68	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	19.5 U	19.5 U	--	--	0 U	66.5	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	19 U	19 U	--	--	0 U	65	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	21 U	21 U	--	--	0 U	71	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	POTASSIUM-40	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20170917	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PHENOL	PYRENE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	CYCLOTETRASILOXANE, OCTAMETHYL -	DIETHYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-11	SB-818	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-13	SB-818	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-818-15	SB-818	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-11	SB-819	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-13	SB-819	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-819-15	SB-819	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-11	SB-820	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-13	SB-820	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-820-15	SB-820	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-11	SB-821	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-13	SB-821	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-821-15	SB-821	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-11	SB-822	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-13	SB-822	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-822-15	SB-822	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-11	SB-824	11	11	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-13	SB-824	13	13	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-824-15	SB-824	15	15	20100915	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-11	SB-825	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-13	SB-825	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-825-15	SB-825	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-11	SB-826	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-13	SB-826	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-826-15	SB-826	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-11	SB-827	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-13	SB-827	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-827-15	SB-827	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-11	SB-828	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-13	SB-828	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-828-15	SB-828	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-11	SB-829	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-13	SB-829	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-829-15	SB-829	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-AVG	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-11-D	SB-830	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-13	SB-830	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-830-15	SB-830	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-11	SB-831	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-13	SB-831	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-AVG	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-831-15-D	SB-831	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-11	SB-832	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	VINYL CHLORIDE VOLATILES (UG/KG)	type
E-SB-1739-18-20-AVG	E-SB-1739	18	20	20171111	--	NORMAL
E-SB-1739-18-20-D	E-SB-1739	18	20	20171111	--	NORMAL
E-SB-1740-10-12	E-SB-1740	10	12	20171111	--	NORMAL
E-SB-1740-12-14	E-SB-1740	12	14	20171111	--	NORMAL
E-SB-1740-14-16	E-SB-1740	14	16	20171111	--	NORMAL
E-SB-1740-16-18	E-SB-1740	16	18	20171111	--	NORMAL
E-SB-1740-18-20	E-SB-1740	18	20	20171111	--	NORMAL
E-SB-1741-10-12	E-SB-1741	10	12	20171111	--	NORMAL
E-SB-1747-10-12	E-SB-1747	10	12	20171112	--	NORMAL
E-SB-1750-10-12	E-SB-1750	10	12	20171112	--	NORMAL
E-SB-1751-10-12	E-SB-1751	10	12	20171112	--	NORMAL
E-SB-1754-10-12	E-SB-1754	10	12	20171112	--	NORMAL
E-SB-818-11	SB-818	11	11	20100915	--	NORMAL
E-SB-818-13	SB-818	13	13	20100915	--	NORMAL
E-SB-818-15	SB-818	15	15	20100915	--	NORMAL
E-SB-819-11	SB-819	11	11	20100915	--	NORMAL
E-SB-819-13	SB-819	13	13	20100915	--	NORMAL
E-SB-819-15	SB-819	15	15	20100915	--	NORMAL
E-SB-820-11	SB-820	11	11	20100915	--	NORMAL
E-SB-820-13	SB-820	13	13	20100915	--	NORMAL
E-SB-820-15	SB-820	15	15	20100915	--	NORMAL
E-SB-821-11	SB-821	11	11	20100916	--	NORMAL
E-SB-821-13	SB-821	13	13	20100916	--	NORMAL
E-SB-821-15	SB-821	15	15	20100916	--	NORMAL
E-SB-822-11	SB-822	11	11	20100915	--	NORMAL
E-SB-822-13	SB-822	13	13	20100915	--	NORMAL
E-SB-822-15	SB-822	15	15	20100915	--	NORMAL
E-SB-824-11	SB-824	11	11	20100915	--	NORMAL
E-SB-824-13	SB-824	13	13	20100915	--	NORMAL
E-SB-824-15	SB-824	15	15	20100915	--	NORMAL
E-SB-825-11	SB-825	11	11	20100913	--	NORMAL
E-SB-825-13	SB-825	13	13	20100913	--	NORMAL
E-SB-825-15	SB-825	15	15	20100913	--	NORMAL
E-SB-826-11	SB-826	11	11	20100916	--	NORMAL
E-SB-826-13	SB-826	13	13	20100916	--	NORMAL
E-SB-826-15	SB-826	15	15	20100916	--	NORMAL
E-SB-827-11	SB-827	11	11	20100916	--	NORMAL
E-SB-827-13	SB-827	13	13	20100916	--	NORMAL
E-SB-827-15	SB-827	15	15	20100916	--	NORMAL
E-SB-828-11	SB-828	11	11	20100916	--	NORMAL
E-SB-828-13	SB-828	13	13	20100916	--	NORMAL
E-SB-828-15	SB-828	15	15	20100916	--	NORMAL
E-SB-829-11	SB-829	11	11	20100917	--	NORMAL
E-SB-829-13	SB-829	13	13	20100917	--	NORMAL
E-SB-829-15	SB-829	15	15	20100917	--	NORMAL
E-SB-830-11	SB-830	11	11	20100914	--	NORMAL
E-SB-830-11-AVG	SB-830	11	11	20100914	--	NORMAL
E-SB-830-11-D	SB-830	11	11	20100914	--	NORMAL
E-SB-830-13	SB-830	13	13	20100914	--	NORMAL
E-SB-830-15	SB-830	15	15	20100914	--	NORMAL
E-SB-831-11	SB-831	11	11	20100913	--	NORMAL
E-SB-831-13	SB-831	13	13	20100913	--	NORMAL
E-SB-831-15	SB-831	15	15	20100913	--	NORMAL
E-SB-831-15-AVG	SB-831	15	15	20100913	--	NORMAL
E-SB-831-15-D	SB-831	15	15	20100913	--	NORMAL
E-SB-832-11	SB-832	11	11	20100917	--	NORMAL

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	150 J	250 J	79 U	120 J	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	88 U	88 U	88 U	88 U	88 U	88 U	88 U	88 U	88 U	88 U	88 U	88 U	88 U	88 U	88 U	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	HEXAVALENT CHROMIUM	PH	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--	--	27 U	21 U	18 U	17 U	22 U
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--	--	27 U	21 U	18 U	17 U	22 U
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--	--	2500 U	1900 U	1600 U	1500 U	2000 U
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--	260000 U	200000 U	170000 U	160000 U	210000 U
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--	130 U	95 U	83 U	77 U	100 U
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--	27 U	21 U	18 U	17 U	22 U
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--	2500 U	1900 U	1700 U	1600 U	2000 U
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--	260 U	200 U	180 U	160 U	210 U
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--	25000 U	19000 U	17000 U	15000 U	20000 U
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--	25000 U	19000 U	16000 U	15000 U	20000 U
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--	130 U	98 U	85 U	79 U	100 U
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--	--	27 U	20 U	18 U	17 U	22 U
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--	--	140 U	110 U	94 U	87 U	110 U
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--	--	28 U	21 U	18 U	17 U	22 U
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	21 U
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--	--	27 U	20 U	18 U	17 U	22 U
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	25.5 U	19.5 U	17 U	15.5 U	20.5 U
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--	--	120 U	93 U	82 U	76 U	99 U
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	21 U
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	21 U
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	26 U	20 U	17 U	16 U	21 U
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	25.5 U	19.5 U	17 U	16 U	20.5 U
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	21 U
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--	--	26 U	20 U	18 U	16 U	21 U
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)
E-SB-832-13	SB-832	13	13	20100917	22 U	22 U	--	--	0 U	74.5	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	22 U	33 J	--	--	33	96.5	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	2000 U	61000	--	--	61000	66750	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	210000 U	2E+06	--	--	2E+06	3E+06	--	--	170000 J	--	--
E-SB-833B-10	SB-833B	10	10	20101012	100 U	750	--	--	750	1042.5	--	--	61 J	--	--
E-SB-833C-10	SB-833C	10	10	20101012	21 U	27 J	--	--	27	87.5	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	22 U	22 U	--	--	0 U	74.5	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	2000 U	27000	--	--	27000	32850	--	7600 J	55 U	--	--
E-SB-833F-10	SB-833F	10	10	20101012	210 U	1000	--	--	1000	1610	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	20 U	20 U	--	--	0 U	68	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	21 U	21 U	--	--	0 U	71	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	20000 U	350000	--	--	350000	408000	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	21 U	180 J	--	--	180	240.5	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	20000 U	270000	--	--	270000	327500	--	590000 K	76 J	--	--
E-SB-833M-10	SB-833M	10	10	20101013	20 U	73	--	--	73	131.5	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	100 U	430	--	--	430	726	--	--	--	--	--
E-SB-834-11	SB-834	11	11	20100916	22 U	32 J	--	--	32	95	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	110 U	350	--	--	350	675.5	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	22 U	27 J	--	--	27	91	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	20 U	20 U	--	--	0 U	67	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	21 U	190	--	--	190	249.5	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	20 U	20 U	--	--	0 U	68	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	20 U	20 U	--	--	0 U	66.5	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	22 U	26 J	--	--	26	89	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	20 U	20 U	--	--	0 U	68	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	20 U	20 U	--	--	0 U	68	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	21 U	53 J	--	--	53	113.5	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	20.5 U	181.5	--	--	181.5	240.75	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	20 U	310 J	--	--	310	368	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	20 U	20 U	--	--	0 U	68.5	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	20 U	20 U	--	--	0 U	67.5	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	20 U	20 U	--	--	0 U	67.5	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	21 U	21 U	--	--	0 U	71	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	20 U	20 U	--	--	0 U	66.5	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	21 U	51	--	--	51	111.5	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	20 U	20 U	--	--	0 U	68	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	19 U	19 U	--	--	0 U	65	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	99 U	240	--	--	240	524.5	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	21 U	21 U	--	--	0 U	70	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	20 U	20 U	--	--	0 U	67	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	20 U	670	--	--	670	728	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	20 U	20 U	--	--	0 U	68.5	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	20 U	20 U	--	--	0 U	68	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	20 U	20 U	--	--	0 U	68	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	20 U	20 U	--	--	0 U	68	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	20 U	20 U	--	--	0 U	66.5	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	21 U	62	--	--	62	121.5	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	21 U	21 U	--	--	0 U	71	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	20.5 U	20.5 U	--	--	0 U	69.75	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	20 U	20 U	--	--	0 U	68.5	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	21 U	21 U	--	--	0 U	70	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	20 U	20 U	--	--	0 U	68.5	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	20 U	20 U	--	--	0 U	68	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	21 U	170	--	--	170	231	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	20 U	20 U	--	--	0 U	68	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	20 U	20 U	--	--	0 U	68	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	200 U	200 U	200 U	200 U	200 U	200 U	200 U	--	200 U
E-SB-833B-10	SB-833B	10	10	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U
E-SB-833C-10	SB-833C	10	10	20101012	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	4.1 U
E-SB-833D-10	SB-833D	10	10	20101012	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	--	4.3 U
E-SB-833E-10	SB-833E	10	10	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U
E-SB-833F-10	SB-833F	10	10	20101012	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	4.1 U
E-SB-833G-10	SB-833G	10	10	20101012	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--	3.9 U
E-SB-833H-10	SB-833H	10	10	20101012	4 U	4 U	4 U	4 U	4 U	4 U	4 U	--	4 U
E-SB-833I-10	SB-833I	10	10	20101013	39 U	39 U	39 U	39 U	39 U	176.765	155.12	--	190
E-SB-833J-10	SB-833J	10	10	20101013	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	--	4.1 U
E-SB-833K-10	SB-833K	10	10	20101013	39 U	39 U	39 U	39 U	39 U	141.775	120.13	--	220
E-SB-833M-10	SB-833M	10	10	20101013	4 U	4 U	4 U	4 U	4 U	4 U	4 U	--	4 U
E-SB-833N-10	SB-833N	10	10	20101014	16 U	16 U	16 U	16 U	16 U	16 U	16 U	--	16 U
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	200 U	200 U	200 U	200 U	68 U	200 U	200 U	200 U	200 U
E-SB-833B-10	SB-833B	10	10	20101012	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-833C-10	SB-833C	10	10	20101012	4.1 U	4.1 U	4.1 U	4.1 U	1.4 U	4.1 U	4.1 U	4.1 U	4.1 U
E-SB-833D-10	SB-833D	10	10	20101012	4.3 U	4.3 U	4.3 U	4.3 U	1.4 U	4.3 U	4.3 U	4.3 U	4.3 U
E-SB-833E-10	SB-833E	10	10	20101012	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-833F-10	SB-833F	10	10	20101012	4.1 U	4.1 U	4.1 U	4.1 U	1.4 U	4.1 U	4.1 U	4.1 U	4.1 U
E-SB-833G-10	SB-833G	10	10	20101012	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U
E-SB-833H-10	SB-833H	10	10	20101012	4 U	4 U	4 U	4 U	1.3 U	4 U	4 U	4 U	4 U
E-SB-833I-10	SB-833I	10	10	20101013	120	160	84	39 U	120	39 U	240	39 U	39 U
E-SB-833J-10	SB-833J	10	10	20101013	4.1 U	4.1 U	4.1 U	4.1 U	1.4 U	4.1 U	4.1 U	4.1 U	4.1 U
E-SB-833K-10	SB-833K	10	10	20101013	85	130	39 U	39 U	130	39 U	370	39 U	39 U
E-SB-833M-10	SB-833M	10	10	20101013	4 U	4 U	4 U	4 U	1.3 U	4 U	4 U	4 U	4 U
E-SB-833N-10	SB-833N	10	10	20101014	16 U	16 U	16 U	16 U	5.4 U	16 U	140	16 U	16 U
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	460	200 U	200 U	460	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	65	3.9 U	3.9 U	65	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	4.1 U	4.1 U	4.1 U	0 U	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	19	4.3 U	4.3 U	19	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	3.9 U	3.9 U	3.9 U	0 U	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	4.1 U	4.1 U	4.1 U	0 U	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	3.9 U	3.9 U	3.9 U	0 U	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	4 U	4 U	4 U	0 U	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	39 U	39 U	220	1134	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	4.1 U	4.1 U	4.1 U	0 U	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	39 U	190	270	1395	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	4 U	4 U	4 U	0 U	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	16 U	16 U	70	210	--	--	--	--
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	POTASSIUM-40	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PHENOL	PYRENE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	CYCLOTETRASILOXANE, OCTAMETHYL -	DIETHYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	--	--	--	--
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	--	--	--	--
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	--	--	--	--
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	--	--	--	--
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	--	--	--	--
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	--	--	--	--
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	--	--	--	--	--	--	1600 U	3700 U	1600 U	--	6800 U	3000 U
E-SB-833B-10	SB-833B	10	10	20101012	--	--	--	--	--	--	0.56 U	0.51 U	0.31 U	--	1.2 U	0.33 U
E-SB-833C-10	SB-833C	10	10	20101012	--	--	--	--	--	--	0.48 U	0.43 U	0.26 U	--	1 U	0.28 U
E-SB-833D-10	SB-833D	10	10	20101012	--	--	--	--	--	--	6.9 U	16 U	6.8 U	--	30 U	13 U
E-SB-833E-10	SB-833E	10	10	20101012	--	--	--	--	--	--	7.8 U	18 U	7.6 U	--	34 U	15 U
E-SB-833F-10	SB-833F	10	10	20101012	--	--	--	--	--	--	8.2 U	19 U	8 U	--	35 U	15 U
E-SB-833G-10	SB-833G	10	10	20101012	--	--	--	--	--	--	0.52 U	0.47 U	0.29 U	--	1.1 U	0.3 U
E-SB-833H-10	SB-833H	10	10	20101012	--	--	--	--	--	--	0.55 U	0.5 U	0.3 U	--	1.2 U	0.32 U
E-SB-833I-10	SB-833I	10	10	20101013	--	--	--	--	--	--	130 U	310 U	130 U	--	580 U	250 U
E-SB-833J-10	SB-833J	10	10	20101013	--	--	--	--	--	--	7.4 U	17 U	7.2 U	--	32 U	14 U
E-SB-833K-10	SB-833K	10	10	20101013	--	--	--	--	--	--	44 U	100 U	43 U	--	190 U	82 U
E-SB-833M-10	SB-833M	10	10	20101013	--	--	--	--	--	--	0.54 U	0.48 U	0.29 U	--	1.1 U	0.31 U
E-SB-833N-10	SB-833N	10	10	20101014	--	--	--	--	--	--	0.57 U	0.52 U	0.32 U	--	1.2 U	0.33 U
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1-DICHLOROETHENE VOLATILES (UG/KG)	1,1-DICHLOROPROPENE VOLATILES (UG/KG)	1,2,3-TRICHLOROBENZENE VOLATILES (UG/KG)	1,2,3-TRICHLOROPROPANE VOLATILES (UG/KG)	1,2,3-TRIMETHYLBENZENE VOLATILES (UG/KG)	1,2,4-TRICHLOROBENZENE VOLATILES (UG/KG)	1,2,4-TRIMETHYLBENZENE VOLATILES (UG/KG)	1,2-DIBROMO-3-CHLOROPROPANE VOLATILES (UG/KG)	1,2-DIBROMOETHANE VOLATILES (UG/KG)	1,2-DICHLOROBENZENE VOLATILES (UG/KG)	1,2-DICHLOROETHANE VOLATILES (UG/KG)	1,2-DICHLOROPROPANE VOLATILES (UG/KG)	1,3,5-TRIMETHYLBENZENE VOLATILES (UG/KG)	1,3-DICHLOROBENZENE VOLATILES (UG/KG)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	3100 U	1700 U	140000	3700 U	30 U	830000	870 U	8700 U	1700 U	6200 J	1700 U	1400 U	--	38000 J
E-SB-833B-10	SB-833B	10	10	20101012	0.47 U	0.27 U	0.34 U	0.81 U	0.71 B	1.4 B	0.59 U	1.2 U	0.45 U	0.33 U	0.31 U	0.62 U	--	0.32 U
E-SB-833C-10	SB-833C	10	10	20101012	0.4 U	0.23 U	0.29 U	0.69 U	0.61 B	0.49 B	0.5 U	1 U	0.38 U	0.28 U	0.26 U	0.53 U	--	0.27 U
E-SB-833D-10	SB-833D	10	10	20101012	14 U	7.6 U	11 B	16 U	30 J	52 B	3.8 U	38 U	7.6 U	6.6 U	7.6 U	6.2 U	--	3.7 U
E-SB-833E-10	SB-833E	10	10	20101012	15 U	8.6 U	910 J	18 U	34 J	4700	4.3 U	43 U	8.6 U	110 J	8.6 U	7 U	--	4.1 U
E-SB-833F-10	SB-833F	10	10	20101012	16 U	9 U	150 J	19 U	0.15 U	720	4.5 U	45 U	9 U	42 J	9 U	7.4 U	--	4.3 U
E-SB-833G-10	SB-833G	10	10	20101012	0.44 U	0.25 U	0.32 U	0.76 U	0.14 U	0.67 B	0.55 U	1.1 U	0.42 U	0.6 J	0.29 U	0.58 U	--	4.3
E-SB-833H-10	SB-833H	10	10	20101012	0.46 U	0.27 U	19 J	0.8 U	0.15 U	96	0.58 U	1.2 U	0.45 U	5.3	0.3 U	0.62 U	--	5.9
E-SB-833I-10	SB-833I	10	10	20101013	270 U	150 U	11000 J	310 U	2.5 U	66000	74 U	740 U	150 U	430 J	150 U	120 U	--	3300 J
E-SB-833J-10	SB-833J	10	10	20101013	15 U	8.1 U	89 J	17 U	33 J	520	4.1 U	41 U	8.1 U	7 U	8.1 U	6.7 U	--	18 J
E-SB-833K-10	SB-833K	10	10	20101013	87 U	48 U	5800	100 U	0.82 U	28000	24 U	240 U	48 U	180 J	51 J	39 U	--	23 U
E-SB-833M-10	SB-833M	10	10	20101013	0.45 U	0.26 U	0.33 U	0.78 U	0.68 B	0.68 B	0.56 U	1.1 U	0.43 U	0.31 U	0.29 U	0.6 U	--	0.3 U
E-SB-833N-10	SB-833N	10	10	20101014	0.48 U	0.28 U	1.4 B	0.83 U	0.16 U	5.9 J	0.6 U	1.2 U	0.46 U	0.33 U	0.32 U	0.64 U	--	0.32 U
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,3-DICHLOROPROPANE VOLATILES (UG/KG)	1,4-DICHLOROBENZENE VOLATILES (UG/KG)	2,2-DICHLOROPROPANE VOLATILES (UG/KG)	2-BUTANONE VOLATILES (UG/KG)	2-CHLOROETHYL VINYL ETHER VOLATILES (UG/KG)	2-CHLOROTOLUENE VOLATILES (UG/KG)	2-HEXANONE VOLATILES (UG/KG)	4-CHLOROTOLUENE VOLATILES (UG/KG)	4-ISOPROPYLTOLUENE VOLATILES (UG/KG)	4-METHYL-2-PENTANONE VOLATILES (UG/KG)	ACETONE VOLATILES (UG/KG)	BENZENE VOLATILES (UG/KG)	BROMOBENZENE VOLATILES (UG/KG)	BROMOCHLOROMETHANE VOLATILES (UG/KG)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	3800 U	28000 J	4000 U	7500 U	7500 UR	1600 U	3500 U	1700 U	840 U	8400 U	30000 U	2100 U	2300 U	2300 U
E-SB-833B-10	SB-833B	10	10	20101012	0.31 U	0.6 U	0.85 U	1.3 U	1.3 U	0.36 U	0.57 U	0.37 U	0.19 U	0.49 U	7.3 B	0.21 U	0.3 U	0.64 U
E-SB-833C-10	SB-833C	10	10	20101012	0.26 U	0.51 U	0.72 U	1.1 U	1.1 U	0.31 U	0.48 U	0.31 U	0.16 U	0.41 U	4.8 U	0.18 U	0.25 U	0.54 U
E-SB-833D-10	SB-833D	10	10	20101012	17 U	8.2 J	18 U	33 U	33 U	6.9 U	15 U	7.5 U	3.7 U	37 U	240 B	9.1 U	9.9 U	9.9 U
E-SB-833E-10	SB-833E	10	10	20101012	19 U	140 J	20 U	37 U	37 U	7.7 U	17 U	8.5 U	4.1 U	41 U	260 J	10 U	11 U	11 U
E-SB-833F-10	SB-833F	10	10	20101012	20 U	58 J	21 U	39 U	39 U	8.1 U	18 U	8.9 U	4.3 U	43 U	260 J	11 U	12 U	12 U
E-SB-833G-10	SB-833G	10	10	20101012	0.29 U	18	0.79 U	1.2 U	1.2 U	0.34 U	0.53 U	0.34 U	0.18 U	0.45 U	15 B	0.34 J	0.28 U	0.6 U
E-SB-833H-10	SB-833H	10	10	20101012	0.3 U	9.9	0.84 U	1.3 U	1.3 U	0.36 U	0.56 U	0.37 U	0.19 U	0.48 U	6.6 B	0.21 U	0.29 U	0.63 U
E-SB-833I-10	SB-833I	10	10	20101013	330 U	2300 J	340 U	640 U	640 U	130 U	300 U	150 U	71 U	710 U	3600 B	180 U	190 U	190 U
E-SB-833J-10	SB-833J	10	10	20101013	18 U	20 J	19 U	35 U	35 U	7.3 U	16 U	8 U	3.9 U	39 U	200 B	9.7 U	11 U	11 U
E-SB-833K-10	SB-833K	10	10	20101013	110 U	250 J	110 U	210 U	210 U	43 U	96 U	48 U	23 U	230 U	1100 B	58 U	63 U	63 U
E-SB-833M-10	SB-833M	10	10	20101013	0.29 U	0.57 U	0.81 U	1.2 U	1.2 U	0.35 U	0.54 U	0.35 U	0.18 U	0.47 U	16 B	0.2 U	0.29 U	0.61 U
E-SB-833N-10	SB-833N	10	10	20101014	0.32 U	0.61 U	0.87 U	1.3 U	1.3 UR	0.37 U	0.58 U	0.38 U	0.19 U	0.5 U	13 J	0.21 U	0.31 U	0.66 U
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	1700 U	3300 U	5100 U	2100 U	1100 U	1100 U	2100 U	11000 U	1500 U	2400 U	1200 U	1400 U	2400 U
E-SB-833B-10	SB-833B	10	10	20101012	0.25 U	0.3 U	0.49 U	0.4 U	0.33 U	0.3 U	0.5 U	0.78 U	0.26 U	0.37 U	0.33 U	0.31 U	0.57 U
E-SB-833C-10	SB-833C	10	10	20101012	0.21 U	0.25 U	0.41 U	0.34 U	0.28 U	0.25 U	0.42 U	0.66 U	0.22 U	0.31 U	0.28 U	0.26 U	0.48 U
E-SB-833D-10	SB-833D	10	10	20101012	7.5 U	14 U	22 U	9.1 U	4.9 U	4.9 U	9.1 U	46 U	6.7 U	11 U	5.3 U	6 U	11 U
E-SB-833E-10	SB-833E	10	10	20101012	8.5 U	16 U	25 U	10 U	5.5 U	5.5 U	10 U	52 U	7.6 U	12 U	5.9 U	6.8 U	12 U
E-SB-833F-10	SB-833F	10	10	20101012	8.9 U	17 U	26 U	11 U	5.8 U	5.8 U	11 U	55 U	7.9 U	13 U	6.2 U	7.1 U	13 U
E-SB-833G-10	SB-833G	10	10	20101012	0.24 U	0.28 U	0.45 U	0.37 U	0.31 U	170	0.46 U	0.72 U	0.24 U	0.34 U	0.3 U	0.29 U	0.53 U
E-SB-833H-10	SB-833H	10	10	20101012	0.25 U	0.29 U	0.48 U	0.39 U	0.33 U	2 J	0.49 U	0.77 U	0.26 U	0.37 U	0.57 J	0.3 U	0.56 U
E-SB-833I-10	SB-833I	10	10	20101013	150 U	280 U	430 U	180 U	95 U	120 J	180 U	900 U	130 U	210 U	100 U	120 U	210 U
E-SB-833J-10	SB-833J	10	10	20101013	8 U	15 U	24 U	9.7 U	5.2 U	5.2 U	9.7 U	50 U	7.1 U	11 U	5.6 U	6.4 U	11 U
E-SB-833K-10	SB-833K	10	10	20101013	48 U	91 U	140 U	58 U	31 U	31 U	58 U	290 U	42 U	67 U	33 U	38 U	67 U
E-SB-833M-10	SB-833M	10	10	20101013	0.24 U	0.29 U	0.47 U	0.38 U	0.32 U	0.29 U	0.48 U	0.74 U	0.25 U	0.35 U	0.31 U	0.29 U	0.54 U
E-SB-833N-10	SB-833N	10	10	20101014	0.26 U	0.31 U	0.5 U	0.41 U	0.34 U	0.31 U	0.51 U	0.8 U	0.27 U	0.38 U	0.33 U	0.32 U	0.58 U
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DICHLORODIFLUOROMETHANE VOLATILES (UG/KG)	DIISOPROPYL ETHER VOLATILES (UG/KG)	ETHYL TERT-BUTYL ETHER VOLATILES (UG/KG)	ETHYLBENZENE VOLATILES (UG/KG)	HEXACHLOROBUTADIENE VOLATILES (UG/KG)	ISOPROPYLBENZENE VOLATILES (UG/KG)	M+P-XYLENES VOLATILES (UG/KG)	METHYL TERT-BUTYL ETHER VOLATILES (UG/KG)	METHYLENE CHLORIDE VOLATILES (UG/KG)	NAPHTHALENE VOLATILES (UG/KG)	N-BUTYLBENZENE VOLATILES (UG/KG)	N-PROPYLBENZENE VOLATILES (UG/KG)	O-XYLENE VOLATILES (UG/KG)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	2800 U	8700 U	38 U	940 U	2400 U	1100 U	1100 U	1200 U	13000 U	1200 U	1400 U	2400 U	1500 U
E-SB-833B-10	SB-833B	10	10	20101012	0.45 U	1.4 U	0.2 U	0.24 U	1.1 U	0.14 U	1.1 U	0.39 U	0.61 U	0.17 U	0.21 U	0.36 U	0.32 U
E-SB-833C-10	SB-833C	10	10	20101012	0.38 U	1.1 U	0.17 U	0.2 U	0.92 U	0.12 U	0.92 U	0.33 U	0.51 U	0.15 U	0.18 U	0.31 U	0.27 U
E-SB-833D-10	SB-833D	10	10	20101012	12 U	38 U	0.17 U	4.1 U	11 U	5 U	4.7 U	5.4 U	59 U	5.1 U	6.1 U	11 U	6.5 U
E-SB-833E-10	SB-833E	10	10	20101012	14 U	43 U	0.19 U	4.6 U	12 U	5.6 U	5.3 U	6.1 U	66 U	5.8 U	6.9 U	12 U	7.3 U
E-SB-833F-10	SB-833F	10	10	20101012	14 U	45 U	0.2 U	4.9 U	13 U	5.9 U	5.6 U	6.4 U	69 U	6 U	7.2 U	13 U	7.7 U
E-SB-833G-10	SB-833G	10	10	20101012	0.42 U	1.3 U	0.19 U	0.22 U	1 U	0.13 U	1 U	0.36 U	0.56 U	0.16 U	0.19 U	0.34 U	0.29 U
E-SB-833H-10	SB-833H	10	10	20101012	0.45 U	1.3 U	0.2 U	0.23 U	1.1 U	0.14 U	1.1 U	0.38 U	0.6 U	0.17 U	0.21 U	0.36 U	0.31 U
E-SB-833I-10	SB-833I	10	10	20101013	240 U	740 U	3.3 U	80 U	210 U	96 U	92 U	110 U	1100 U	99 U	120 U	210 U	130 U
E-SB-833J-10	SB-833J	10	10	20101013	13 U	41 U	0.18 U	4.4 U	11 U	5.3 U	5 U	5.8 U	62 U	5.4 U	6.5 U	11 U	6.9 U
E-SB-833K-10	SB-833K	10	10	20101013	77 U	240 U	1.1 U	26 U	67 U	31 U	30 U	34 U	370 U	32 U	38 U	67 U	41 U
E-SB-833M-10	SB-833M	10	10	20101013	0.43 U	1.3 U	0.19 U	0.22 U	1 U	0.14 U	1 U	0.37 U	0.58 U	0.16 U	0.2 U	0.35 U	0.3 U
E-SB-833N-10	SB-833N	10	10	20101014	0.46 U	1.4 U	0.2 U	0.24 U	1.1 U	0.15 U	1.1 U	0.4 U	0.62 U	0.18 U	0.21 U	0.37 U	0.32 U
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-832-13	SB-832	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-832-15	SB-832	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833-11	SB-833	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-833A-10	SB-833A	10	10	20101012	820 U	980 U	64 U	1100 U	42000 UR	2100 U	3000 U	1400 U	--	1600 U	3500 U	1700 U	2800 U	4000 U
E-SB-833B-10	SB-833B	10	10	20101012	0.16 U	0.14 U	0.33 U	0.26 U	6.9 UR	0.49 J	0.24 U	0.61 U	--	0.37 U	0.49 U	0.38 U	0.31 U	0.23 U
E-SB-833C-10	SB-833C	10	10	20101012	0.14 U	0.11 U	0.28 U	0.22 U	5.8 UR	0.4 U	0.21 U	0.51 U	--	0.31 U	0.41 U	0.32 U	0.26 U	0.19 U
E-SB-833D-10	SB-833D	10	10	20101012	3.6 U	4.3 U	0.28 U	5 U	310 J	9.1 U	13 U	6.2 U	--	7 U	15 U	7.4 U	12 U	18 U
E-SB-833E-10	SB-833E	10	10	20101012	4 U	4.8 U	0.32 U	5.6 U	210 UR	10 U	15 U	7 U	--	7.9 U	17 U	8.3 U	14 U	20 U
E-SB-833F-10	SB-833F	10	10	20101012	4.2 U	5 U	0.33 U	5.9 U	220 UR	11 U	15 U	7.3 U	--	8.3 U	18 U	8.7 U	14 U	21 U
E-SB-833G-10	SB-833G	10	10	20101012	0.15 U	0.13 U	0.31 U	0.24 U	6.4 UR	0.44 U	0.23 U	0.56 U	--	0.34 U	0.45 U	0.35 U	0.29 U	0.21 U
E-SB-833H-10	SB-833H	10	10	20101012	0.16 U	0.13 U	0.33 U	0.26 U	6.8 UR	2.2 J	0.24 U	0.6 U	--	0.37 U	0.48 U	0.59 J	0.3 U	0.22 U
E-SB-833I-10	SB-833I	10	10	20101013	70 U	83 U	5.5 U	96 U	3600 UR	180 U	270 J	120 U	--	140 U	300 U	140 U	240 U	340 U
E-SB-833J-10	SB-833J	10	10	20101013	3.8 U	4.5 U	0.3 U	5.3 U	620 J	9.7 U	16 J	6.6 U	--	7.5 U	16 U	7.9 U	13 U	19 U
E-SB-833K-10	SB-833K	10	10	20101013	23 U	27 U	1.8 U	31 U	1200 UR	58 U	82 U	39 U	--	44 U	96 U	47 U	77 U	110 U
E-SB-833M-10	SB-833M	10	10	20101013	0.16 U	0.13 U	0.32 U	0.25 U	6.6 UR	0.45 U	0.25 J	0.58 U	--	0.35 U	0.47 U	0.36 U	0.29 U	0.22 U
E-SB-833N-10	SB-833N	10	10	20101014	0.17 U	0.14 U	0.34 U	0.27 U	7 J	0.48 U	0.36 J	0.62 U	--	0.38 U	0.5 U	0.39 U	0.32 U	0.23 UR
E-SB-834-11	SB-834	11	11	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-13	SB-834	13	13	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-834-15	SB-834	15	15	20100916	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-11	SB-835	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-13	SB-835	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-835-15	SB-835	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-11	SB-836	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-13	SB-836	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-836-15	SB-836	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-11	SB-837	11	11	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-AVG	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-13-D	SB-837	13	13	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-837-15	SB-837	15	15	20100917	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-11	SB-838	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-13	SB-838	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-838-15	SB-838	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-11	SB-839	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-13	SB-839	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-839-15	SB-839	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-11	SB-840	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-13	SB-840	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-840-15	SB-840	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-11	SB-841	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-13	SB-841	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-841-15	SB-841	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-AVG	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-11-D	SB-842	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-13	SB-842	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-842-15	SB-842	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-AVG	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-11-D	SB-843	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-13	SB-843	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-843-15	SB-843	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-11	SB-844	11	11	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-13	SB-844	13	13	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-844-15	SB-844	15	15	20100914	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-11	SB-845	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	VINYL CHLORIDE VOLATILES (UG/KG)	type
E-SB-832-13	SB-832	13	13	20100917	--	NORMAL
E-SB-832-15	SB-832	15	15	20100917	--	NORMAL
E-SB-833-11	SB-833	11	11	20100916	--	NORMAL
E-SB-833A-10	SB-833A	10	10	20101012	3100 U	NORMAL
E-SB-833B-10	SB-833B	10	10	20101012	0.35 U	NORMAL
E-SB-833C-10	SB-833C	10	10	20101012	0.3 U	NORMAL
E-SB-833D-10	SB-833D	10	10	20101012	14 U	NORMAL
E-SB-833E-10	SB-833E	10	10	20101012	15 U	NORMAL
E-SB-833F-10	SB-833F	10	10	20101012	16 U	NORMAL
E-SB-833G-10	SB-833G	10	10	20101012	0.33 U	NORMAL
E-SB-833H-10	SB-833H	10	10	20101012	0.35 U	NORMAL
E-SB-833I-10	SB-833I	10	10	20101013	270 U	NORMAL
E-SB-833J-10	SB-833J	10	10	20101013	15 U	NORMAL
E-SB-833K-10	SB-833K	10	10	20101013	87 U	NORMAL
E-SB-833M-10	SB-833M	10	10	20101013	0.34 U	NORMAL
E-SB-833N-10	SB-833N	10	10	20101014	0.36 U	NORMAL
E-SB-834-11	SB-834	11	11	20100916	--	NORMAL
E-SB-834-13	SB-834	13	13	20100916	--	NORMAL
E-SB-834-15	SB-834	15	15	20100916	--	NORMAL
E-SB-835-11	SB-835	11	11	20100917	--	NORMAL
E-SB-835-13	SB-835	13	13	20100917	--	NORMAL
E-SB-835-15	SB-835	15	15	20100917	--	NORMAL
E-SB-836-11	SB-836	11	11	20100917	--	NORMAL
E-SB-836-13	SB-836	13	13	20100917	--	NORMAL
E-SB-836-15	SB-836	15	15	20100917	--	NORMAL
E-SB-837-11	SB-837	11	11	20100917	--	NORMAL
E-SB-837-13	SB-837	13	13	20100917	--	NORMAL
E-SB-837-13-AVG	SB-837	13	13	20100917	--	NORMAL
E-SB-837-13-D	SB-837	13	13	20100917	--	NORMAL
E-SB-837-15	SB-837	15	15	20100917	--	NORMAL
E-SB-838-11	SB-838	11	11	20100913	--	NORMAL
E-SB-838-13	SB-838	13	13	20100913	--	NORMAL
E-SB-838-15	SB-838	15	15	20100913	--	NORMAL
E-SB-839-11	SB-839	11	11	20100914	--	NORMAL
E-SB-839-13	SB-839	13	13	20100914	--	NORMAL
E-SB-839-15	SB-839	15	15	20100914	--	NORMAL
E-SB-840-11	SB-840	11	11	20100914	--	NORMAL
E-SB-840-13	SB-840	13	13	20100914	--	NORMAL
E-SB-840-15	SB-840	15	15	20100914	--	NORMAL
E-SB-841-11	SB-841	11	11	20100914	--	NORMAL
E-SB-841-13	SB-841	13	13	20100914	--	NORMAL
E-SB-841-15	SB-841	15	15	20100914	--	NORMAL
E-SB-842-11	SB-842	11	11	20100913	--	NORMAL
E-SB-842-11-AVG	SB-842	11	11	20100913	--	NORMAL
E-SB-842-11-D	SB-842	11	11	20100913	--	NORMAL
E-SB-842-13	SB-842	13	13	20100913	--	NORMAL
E-SB-842-15	SB-842	15	15	20100913	--	NORMAL
E-SB-843-11	SB-843	11	11	20100914	--	NORMAL
E-SB-843-11-AVG	SB-843	11	11	20100914	--	NORMAL
E-SB-843-11-D	SB-843	11	11	20100914	--	NORMAL
E-SB-843-13	SB-843	13	13	20100914	--	NORMAL
E-SB-843-15	SB-843	15	15	20100914	--	NORMAL
E-SB-844-11	SB-844	11	11	20100914	--	NORMAL
E-SB-844-13	SB-844	13	13	20100914	--	NORMAL
E-SB-844-15	SB-844	15	15	20100914	--	NORMAL
E-SB-845-11	SB-845	11	11	20100913	--	NORMAL

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.21 J	7
I-SB-33-13	BLI-SB-33	13	13	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.12 J	2.8
I-SB-34-13	BLI-SB-34	13	13	20100924	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.2 J	3
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	13.7	4.1	0.009 UL	25.5	21 J	15.2 J	26800 J	8.4 J	183	0.017 U	0.23	48.1 J	5	0.018 U	0.053 B	--	--
I-SB-33-13	BLI-SB-33	13	13	20100924	7.1	1.5	0.012 J	11.2	5.4	24.1	17000	2.8	128	0.018 U	0.3	12.3	0.91	0.02 U	0.028 B	--	--
I-SB-34-13	BLI-SB-34	13	13	20100924	20.7	6.2	0.016 J	21.4	7.4	6.1	21600	7.6	71.7	0.018 U	0.37	24.2	3.3	0.034 J	0.073 B	--	--
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	HEXAVALENT CHROMIUM	PH	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--	--	140 U	110 U	95 U	88 U	110 U
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--	--	27 U	20 U	18 U	17 U	22 U
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--	--	27 U	21 U	18 U	17 U	22 U
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15.5 U	20 U
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.5 U	0.88 U
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--	--	1.4 U	1.7 U	1.6 U	1.5 U	0.87 U
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--	--	1.5 U	1.9 U	1.7 U	1.6 U	0.93 U
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--	--	1.4 U	1.8 U	1.7 U	1.6 U	0.92 U
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--	--	1.6 U	2 U	1.8 U	1.7 U	1 U
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--	--	1.4 U	1.8 U	1.7 U	1.6 U	0.91 U
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.5 U	0.89 U
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--	--	1.5 U	1.9 U	1.7 U	1.7 U	0.96 U
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--	--	29 U	37 U	33 U	31 U	18 U
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--	--	29 U	37 U	33 U	31 U	18 U
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--	--	1400 U	1800 U	1600 U	1500 U	890 U
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--	--	14 U	18 U	16 U	16 U	9 U
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.6 U	0.9 U
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--	--	1.5 U	1.9 U	1.7 U	1.6 U	0.93 U
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--	--	71 U	92 U	82 U	78 U	45 U
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--	--	1.4 U	1.7 U	1.6 U	1.5 U	0.86 U
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.6 U	0.9 U
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--	--	1.4 U	1.9 U	1.7 U	1.6 U	0.92 U
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.5 U	0.9 U
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.5 U	0.89 U
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.6 U	0.9 U
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--	--	1.6 U	2 U	1.8 U	1.7 U	1 U
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--	--	1.5 U	1.9 U	1.7 U	1.6 U	0.95 U
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--	--	1.4 UL	1.8 UL	1.6 UL	1.5 UL	0.9 UL
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--	--	1.5 U	1.9 U	1.7 U	1.6 U	0.93 U
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--	--	1.5 U	2 U	1.8 U	1.7 U	0.97 U
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--	--	1.4 U	1.8 U	1.7 U	1.6 U	0.91 U
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U
E-SB-984-10-12	E-SB-984	10	12	20120724	--	--	--	--	--	--	--	--	--	--	130000 U	99000 U	86000 U	80000 U	100000 U
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--	--	12000 U	9300 U	8100 U	7500 U	9900 U
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--	--	1300 U	970 U	850 U	790 U	1000 U
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--	--	24 U	19 U	16 U	15 U	20 U
I-SB-32-15	BLI-SB-32	15	15	20100928	--	--	--	--	--	51.2 J	40.9 J	--	--	--	--	--	--	--	--
I-SB-33-13	BLI-SB-33	13	13	20100924	--	--	--	--	--	18.1	25.8	--	--	--	26 U	20 U	17 U	16 U	21 U
I-SB-34-13	BLI-SB-34	13	13	20100924	--	--	--	--	--	26.7	34.5	--	--	--	25 U	19 U	17 U	16 U	21 U
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)
E-SB-845-13	SB-845	13	13	20100913	110 U	590	--	--	590	916.5	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	20 U	20 U	--	--	0 U	68.5	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	20 U	20 U	--	--	0 U	67	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	22 U	22 U	--	--	0 U	74	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	22 U	22 U	--	--	0 U	74.5	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	20 U	20 U	--	--	0 U	67.5	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	20 U	20 U	--	--	0 U	68.5	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	20 U	20 U	--	--	0 U	68.5	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	20 U	20 U	--	--	0 U	68.25	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	20 U	20 U	--	--	0 U	68	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	1.3 U	59	--	--	59	63.24	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	1.3 U	38	--	--	38	42.185	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	1.4 U	1.4 U	--	--	0 U	5.215	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	1.4 U	1.4 U	--	--	0 U	5.11	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	1.5 U	1.5 U	--	--	0 U	5.55	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	1.4 U	1.4 U	--	--	0 U	5.105	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	1.3 U	1.3 U	--	--	0 U	4.895	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	1.4 U	1.4 U	--	--	0 U	5.28	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	27 U	17000	--	--	17000	17088	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	27 U	15000	--	--	15000	15088	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	1300 U	780000	--	--	780000	784245	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	14 U	12000	--	--	12000	12044	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	1.4 U	480	--	--	480	484.35	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	1.4 U	300	--	--	300	304.52	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	68 U	16000	--	--	16000	16218	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	1.3 U	69 J	--	--	69	73.18	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	1.4 U	1.4 U	--	--	0 U	5.05	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	1.4 U	1.4 U	--	--	0 U	5.16	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	1.3 U	1.3 U	--	--	0 U	4.9	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	1.3 U	1.3 U	--	--	0 U	4.895	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	1.4 U	1.4 U	--	--	0 U	5.05	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	1.5 U	1.5 U	--	--	0 U	5.55	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	1.4 U	1.4 U	--	--	0 U	5.225	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	28 J	1.4 UL	--	--	28	32.3	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	1.4 U	1.4 U	--	--	0 U	5.215	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	21 J	1.5 U	--	--	21	25.735	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	38 J	1.4 U	--	--	38	42.405	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	20 U	20 U	--	--	0 U	67	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	20 U	20 U	--	--	0 U	67	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	20 U	20 U	--	--	0 U	67	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	20 U	20 U	--	--	0 U	67.5	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	20 U	20 U	--	--	0 U	68.5	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	100000 U	480000	--	--	480000	777500	--	--	--	200000 U	1000000
E-SB-984-12-14	E-SB-984	12	14	20120724	9900 U	120000	--	--	120000	148350	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	1000 U	10000	--	--	10000	12955	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	20 U	250	--	--	250	308.5	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	20 U	210	--	--	210	267	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	--	--	--	--	--	--	--	3200 UJ	75 J	--	--
I-SB-33-13	BLI-SB-33	13	13	20100924	21 U	21 U	--	--	0 U	71	--	4600 J	56 UJ	--	--
I-SB-34-13	BLI-SB-34	13	13	20100924	21 U	21 U	--	--	0 U	70	--	3400 UJ	56 U	--	--
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	4 UJ	4 UJ	4 U	4 U	4 U	4 U	4 U	--	4 U
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	--	--	--	--	--	--	--	--	--
I-SB-33-13	BLI-SB-33	13	13	20100924	--	--	--	--	--	--	--	--	--
I-SB-34-13	BLI-SB-34	13	13	20100924	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	4 U	4 U	4 U	4 U	1.3 U	4 U	4 U	4 U	4 U
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	--	--	--	--	--	--	--	--	--
I-SB-33-13	BLI-SB-33	13	13	20100924	--	--	--	--	--	--	--	--	--
I-SB-34-13	BLI-SB-34	13	13	20100924	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	4 UJ	4 U	4 U	--	--	--	--	--
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	--	--	--	--	--	--	--	--
I-SB-33-13	BLI-SB-33	13	13	20100924	--	--	--	--	--	--	--	--
I-SB-34-13	BLI-SB-34	13	13	20100924	--	--	--	--	--	--	--	--
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	--	--	--	--	--	--	--	--	--	--
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	--	--	--	--	--	--	--	--	--	--
I-SB-33-13	BLI-SB-33	13	13	20100924	--	--	--	--	--	--	--	--	--	--
I-SB-34-13	BLI-SB-34	13	13	20100924	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	POTASSIUM-40	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	--	--	--	--	--	--	--	--
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	--	--	--	--	--	--	--	--
I-SB-33-13	BLI-SB-33	13	13	20100924	--	--	--	--	--	--	--	--
I-SB-34-13	BLI-SB-34	13	13	20100924	--	--	--	--	--	--	--	--
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	--	--	--	--	--	--	--	31 U	25 U
I-SB-33-13	BLI-SB-33	13	13	20100924	--	--	--	--	--	--	--	33 U	27 U
I-SB-34-13	BLI-SB-34	13	13	20100924	--	--	--	--	--	--	--	33 U	27 U
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	11 U	28 U	91 U	23 U	23 U	91 U	31 U	24 U	3.7 U
I-SB-33-13	BLI-SB-33	13	13	20100924	12 U	31 U	98 U	25 U	25 U	98 U	33 U	26 U	4.1 U
I-SB-34-13	BLI-SB-34	13	13	20100924	12 U	30 U	97 U	24 U	24 U	97 U	33 U	25 U	4 U
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	--	--	--	--	--	--	--	--	--	--
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	31 U	3.7 U	91 U	10 U	31 U	--	20 U	18 U	91 U	15 U
I-SB-33-13	BLI-SB-33	13	13	20100924	33 U	4.1 U	98 U	11 U	33 U	--	22 U	20 U	98 U	16 U
I-SB-34-13	BLI-SB-34	13	13	20100924	33 U	4 U	97 U	11 U	33 U	--	22 U	19 U	97 U	16 U
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	24 U	19 U	15 U	91 U	30 U	91 U	3.7 U	3.7 U	10 U
I-SB-33-13	BLI-SB-33	13	13	20100924	26 U	21 U	16 U	98 U	32 U	98 U	4.1 U	4.1 U	11 U
I-SB-34-13	BLI-SB-34	13	13	20100924	25 U	21 U	16 U	97 U	32 U	97 U	4 U	4 U	11 U
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	3.7 U	10 U	3.7 U	3.7 U	14 U	3.7 U	3.7 U	3.7 U	3.7 U
I-SB-33-13	BLI-SB-33	13	13	20100924	4.1 U	11 U	4.1 U	4.1 U	15 U	4.1 U	4.1 U	4.1 U	4.1 U
I-SB-34-13	BLI-SB-34	13	13	20100924	4 U	11 U	4 U	4 U	15 U	4 U	4 U	4 U	4 U
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	3.7 U	25 U	2.3 U	22 U	11 U	42 U	31 U	1.2 U	3.7 U
I-SB-33-13	BLI-SB-33	13	13	20100924	4.1 U	27 U	2.5 U	23 U	12 U	45 U	33 U	1.4 U	4.1 U
I-SB-34-13	BLI-SB-34	13	13	20100924	4 U	27 U	2.4 U	23 U	12 U	45 U	33 U	1.3 U	4 U
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	3.7 U	18 U	19 U	17 U	31 U	3.7 U	3.7 U	2.4 U	31 U
I-SB-33-13	BLI-SB-33	13	13	20100924	4.1 U	20 U	21 U	18 U	33 U	4.1 U	4.1 U	2.6 U	33 U
I-SB-34-13	BLI-SB-34	13	13	20100924	4 U	19 U	21 U	18 U	33 U	4 U	4 U	2.5 U	33 U
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	31 U	10 U	3.7 U	15 U	3.7 U	2.5 U	18 U	31 U	24 U	91 U	3.7 U
I-SB-33-13	BLI-SB-33	13	13	20100924	33 U	11 U	4.1 U	16 U	4.1 U	2.7 U	20 U	33 U	26 U	98 U	4.1 U
I-SB-34-13	BLI-SB-34	13	13	20100924	33 U	11 U	4 U	16 U	4 U	2.7 U	19 U	33 U	25 U	97 U	4 U
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--	--	--

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PHENOL	PYRENE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	CYCLOTETRASILOXANE, OCTAMETHYL -	DIETHYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	--	--	35000 NJ	--	--	--	--	--	--	660 NJ
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	31 U	3.7 U	--	--	--	--	--	--	--	--
I-SB-33-13	BLI-SB-33	13	13	20100924	33 U	4.1 U	--	--	--	--	--	--	--	--
I-SB-34-13	BLI-SB-34	13	13	20100924	33 U	4 U	--	--	--	--	--	--	--	--
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	--	--	--	--	--	--	350 NJ	--	1300 R	--
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	--	--	1100 NJ	--	--	--	290 U	670 U	280 U	--	1200 U	540 U
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	--	--	--	--	--	--	8.2 U	19 U	8 U	--	35 U	15 U
I-SB-33-13	BLI-SB-33	13	13	20100924	--	--	--	--	--	--	0.56 U	0.51 U	0.31 U	--	1.2 U	0.33 U
I-SB-34-13	BLI-SB-34	13	13	20100924	--	--	--	--	--	--	0.49 U	0.44 U	0.27 U	--	1 U	0.28 U
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	--	--	--	--	--	--	0.5 U	0.45 U	0.27 U	--	1 U	0.29 U
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	--	--	--	--	--	--	0.43 U	0.39 U	0.24 U	--	0.9 U	0.25 U
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	--	--	--	--	--	--	0.51 U	0.46 U	0.28 U	--	1.2 J	0.29 U
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	--	--	--	--	--	--	7.9 U	18 U	7.8 U	--	34 U	15 U
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	--	--	--	--	--	--	9.6 U	22 U	9.4 U	--	41 U	18 U
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	--	--	--	--	--	--	7.9 U	18 U	7.7 U	--	34 U	15 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	570 U	320 U	47000 J	670 U	5.4 U	210000 J	160 U	1600 U	320 U	2100 B	320 U	260 U	--	200 J
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	16 U	9 U	18 J	19 U	0.15 U	110 J	4.5 U	45 U	9 U	7.7 U	390	7.4 U	--	4.3 U
I-SB-33-13	BLI-SB-33	13	13	20100924	0.47 U	0.27 U	36	0.82 U	0.71 B	160	0.59 U	1.2 U	0.45 U	6.8	0.31 U	0.63 U	--	0.32 U
I-SB-34-13	BLI-SB-34	13	13	20100924	0.41 U	0.24 U	0.3 U	0.71 U	0.13 U	0.21 U	0.51 U	1 U	0.39 U	0.28 U	0.27 U	0.54 U	--	0.28 U
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	0.42 U	0.24 U	0.31 U	0.72 U	0.14 U	0.22 U	0.52 U	1 U	0.4 U	0.29 U	0.27 U	0.55 U	--	0.28 U
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	0.36 U	0.21 U	0.26 U	0.62 U	0.12 U	0.19 U	0.45 U	0.9 U	0.35 U	0.25 U	0.24 U	0.48 U	--	0.24 U
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	0.42 U	0.24 U	0.31 U	0.73 U	0.14 U	0.22 U	0.53 U	1.1 U	0.41 U	0.29 U	0.28 U	0.56 U	--	0.29 U
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	16 U	8.7 U	8.7 U	18 U	0.15 U	6.4 U	4.4 U	44 U	8.7 U	7.5 U	8.7 U	7.2 U	--	4.2 U
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	19 U	11 U	11 U	22 U	0.18 U	7.7 U	5.3 U	53 U	11 U	9.1 U	11 U	8.7 U	--	5.1 U
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	16 U	8.7 U	8.7 U	18 U	0.15 U	6.3 U	4.3 U	43 U	8.7 U	7.4 U	8.7 U	7.1 U	--	4.2 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	700 U	2400 J	730 U	1400 U	1400 U	290 U	640 U	320 U	150 U	1500 U	5400 U	380 U	410 U	410 U
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	20 U	13 J	21 U	39 U	39 U	8.1 U	18 U	8.9 U	4.3 U	43 U	150 U	11 U	12 U	12 U
I-SB-33-13	BLI-SB-33	13	13	20100924	0.31 U	7.6	0.85 U	1.3 U	1.3 U	0.36 U	0.57 U	0.37 U	0.19 U	0.49 U	5.7 U	0.21 U	0.3 U	0.65 U
I-SB-34-13	BLI-SB-34	13	13	20100924	0.27 U	0.52 U	0.74 U	1.1 U	1.1 U	0.32 U	0.5 U	0.32 U	0.17 U	0.43 U	5 U	0.18 U	0.26 U	0.56 U
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	0.27 U	0.53 U	0.76 U	1.1 U	1.1 U	0.32 U	0.51 U	0.33 U	0.17 U	0.43 U	5.1 U	0.18 U	0.27 U	0.57 U
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	0.24 U	0.46 U	0.65 U	0.97 U	0.97 U	0.28 U	0.44 U	0.28 U	0.15 U	0.37 U	4.4 U	0.16 U	0.23 U	0.49 U
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	0.28 U	0.54 U	0.77 U	1.1 U	1.1 U	0.33 U	0.51 U	0.33 U	0.17 U	0.44 U	5.1 U	0.19 U	0.27 U	0.58 U
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	19 U	7 U	20 U	38 U	38 U	7.9 U	17 U	8.6 U	4.2 U	42 U	150 U	10 U	11 U	11 U
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	23 U	8.5 U	24 U	46 U	46 U	9.5 U	21 U	10 U	5.1 U	51 U	180 U	13 U	14 U	14 U
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	19 U	6.9 U	20 U	37 U	37 U	7.8 U	17 U	8.6 U	4.2 U	42 U	150 U	10 U	11 U	11 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	320 U	600 U	920 U	380 U	200 U	200 U	380 U	1900 U	280 U	450 U	220 U	250 U	450 U
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	8.9 U	17 U	26 U	11 U	5.7 U	280	11 U	55 U	7.9 U	13 U	6.2 U	7.1 U	13 U
I-SB-33-13	BLI-SB-33	13	13	20100924	0.25 U	0.3 U	0.49 U	0.4 U	0.34 U	0.3 U	0.5 U	0.78 U	0.26 U	0.37 U	0.33 U	0.31 U	0.57 U
I-SB-34-13	BLI-SB-34	13	13	20100924	0.22 U	0.26 U	0.43 U	0.35 U	0.29 U	0.26 U	0.43 U	0.68 U	0.23 U	0.32 U	0.28 U	0.27 U	0.5 U
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	0.23 U	0.27 U	0.43 U	0.93 J	0.3 U	0.27 U	0.44 U	0.69 U	0.23 U	0.33 U	0.95 J	0.27 U	0.51 U
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	0.19 U	0.23 U	0.37 U	0.85 J	0.26 U	0.23 U	0.38 U	0.6 U	0.2 U	0.28 U	4	0.24 U	0.44 U
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	0.23 U	0.27 U	0.44 U	0.36 U	0.3 U	0.27 U	0.45 U	0.7 U	0.24 U	0.33 U	52	0.28 U	0.51 U
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	8.6 U	17 U	25 U	10 U	5.6 U	5.6 U	10 U	53 U	7.7 U	12 U	230	6.9 U	12 U
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	10 U	20 UJ	31 U	13 U	6.8 U	6.8 U	13 U	65 U	9.3 U	15 U	17 J	8.4 U	15 U
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	8.6 U	16 UJ	25 U	10 U	5.5 U	5.5 U	10 U	53 U	7.6 U	12 U	19 J	6.8 U	12 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	510 U	1600 U	7 U	170 U	450 U	210 U	260 B	230 U	2500 U	470 J	250 U	450 U	270 U
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	14 U	45 U	0.2 U	4.8 U	13 U	5.8 U	5.6 U	6.4 U	69 U	6 U	7.2 U	13 U	7.6 U
I-SB-33-13	BLI-SB-33	13	13	20100924	0.45 U	1.4 U	0.2 U	0.24 U	1.1 U	0.15 U	1.1 U	0.39 U	0.61 U	0.17 U	0.21 U	0.36 U	0.32 U
I-SB-34-13	BLI-SB-34	13	13	20100924	0.39 U	1.2 U	0.17 U	0.21 U	0.95 U	0.13 U	0.95 U	0.34 U	0.53 U	0.15 U	0.18 U	0.32 U	0.28 U
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	0.4 U	1.2 U	0.18 U	0.21 U	0.96 U	0.13 U	0.96 U	0.35 U	0.54 U	0.15 U	0.18 U	0.32 U	0.28 U
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	0.35 U	1 U	0.15 U	0.18 U	0.83 U	0.11 U	0.83 U	0.3 U	0.46 U	0.13 U	0.16 U	0.28 U	0.24 U
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	0.41 U	1.2 U	0.18 U	0.21 U	0.98 U	0.13 U	0.98 U	0.35 U	0.74 U	0.16 U	0.19 U	0.33 U	0.29 U
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	14 U	44 U	0.19 U	4.7 U	12 U	5.7 U	5.4 U	6.2 U	67 U	5.9 U	7 U	12 U	7.4 U
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	17 U	53 U	0.23 UJ	5.7 U	15 U	6.9 U	6.6 U	7.5 U	91 U	19 J	8.5 U	15 U	9 U
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	14 U	43 U	0.19 UJ	4.7 U	12 U	5.6 U	5.4 U	6.1 U	67 U	5.8 U	6.9 U	12 U	7.4 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-845-13	SB-845	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-845-15	SB-845	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-11	SB-846	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-13	SB-846	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-846-15	SB-846	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-11	SB-847	11	11	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-13	SB-847	13	13	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-AVG	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-847-15-D	SB-847	15	15	20100913	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-16	SB-848	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-20	SB-848	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-16	SB-849	12	16	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-20	SB-849	16	20	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-16	SB-850	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-20	SB-850	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-16	SB-851	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-20	SB-851	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-16	SB-852	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-20	SB-852	16	19	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-12-16	SB-853	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-16-20	SB-853	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-12-16	SB-854	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-16-20	SB-854	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-12-16	SB-855	12	16	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-16-20	SB-855	16	20	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-16	SB-856	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-20	SB-856	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-12	SB-857	11.5	12	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-16	SB-857	12	16	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-20	SB-857	16	20	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-12	SB-858	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-16	SB-858	15	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-20	SB-858	16	18	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-12	SB-859	10	12	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-16	SB-859	12	16	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-20	SB-859	16	20	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-10-12	E-SB-983	10	12	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-12-14	E-SB-983	12	14	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-14-16	E-SB-983	14	16	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-16-18	E-SB-983	16	18	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-18-20	E-SB-983	18	20	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-10-12	E-SB-984	10	12	20120724	150 U	180 U	12 U	210 U	7600 UR	530 J	540 U	260 J	--	290 U	640 U	310 U	510 U	730 UR
E-SB-984-12-14	E-SB-984	12	14	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-14-16	E-SB-984	14	16	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-16-18	E-SB-984	16	18	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-18-20	E-SB-984	18	20	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
I-SB-32-15	BLI-SB-32	15	15	20100928	4.2 U	5 U	0.33 U	5.8 U	220 UR	11 U	15 U	7.3 U	--	8.3 U	18 U	8.7 U	14 U	21 U
I-SB-33-13	BLI-SB-33	13	13	20100924	0.16 U	0.21 J	0.34 U	0.26 U	6.9 UR	0.47 U	0.49 J	0.61 U	--	0.37 U	0.49 U	0.38 U	0.31 U	0.23 U
I-SB-34-13	BLI-SB-34	13	13	20100924	0.14 U	0.12 U	0.29 U	0.23 U	6 UR	0.41 U	0.21 J	0.53 U	--	0.32 U	0.43 U	0.33 U	3.5 J	0.2 U
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	0.14 U	0.12 U	0.3 U	0.23 U	17 J	0.42 U	0.22 U	0.28 U	--	0.33 U	0.43 U	5.5	0.27 U	0.2 U
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	0.12 U	0.1 U	0.26 U	0.2 U	5.3 U	0.36 U	0.19 U	0.24 U	--	0.28 U	0.37 U	26	0.24 U	0.17 U
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	0.15 U	0.12 U	0.3 U	0.24 U	6.2 U	0.42 U	0.22 U	0.29 U	--	0.33 U	0.44 U	980 J	0.28 U	0.2 U
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	4.1 U	8.3 U	0.32 U	5.7 U	210 U	10 U	15 U	5.4 U	--	8 U	17 U	520	14 U	20 U
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	5 U	5.9 U	0.39 U	6.9 U	250 UJ	13 U	18 U	6.6 U	--	9.8 U	21 U	1400 J	17 U	24 U
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	4.1 U	4.8 U	0.32 U	5.6 U	210 UJ	10 U	15 U	5.4 U	--	8 U	17 U	6300	14 U	20 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	VINYL CHLORIDE VOLATILES (UG/KG)	type
E-SB-845-13	SB-845	13	13	20100913	--	NORMAL
E-SB-845-15	SB-845	15	15	20100913	--	NORMAL
E-SB-846-11	SB-846	11	11	20100913	--	NORMAL
E-SB-846-13	SB-846	13	13	20100913	--	NORMAL
E-SB-846-15	SB-846	15	15	20100913	--	NORMAL
E-SB-847-11	SB-847	11	11	20100913	--	NORMAL
E-SB-847-13	SB-847	13	13	20100913	--	NORMAL
E-SB-847-15	SB-847	15	15	20100913	--	NORMAL
E-SB-847-15-AVG	SB-847	15	15	20100913	--	NORMAL
E-SB-847-15-D	SB-847	15	15	20100913	--	NORMAL
E-SB-848-16	SB-848	12	16	20110711	--	NORMAL
E-SB-848-20	SB-848	16	20	20110711	--	NORMAL
E-SB-849-16	SB-849	12	16	20110711	--	NORMAL
E-SB-849-20	SB-849	16	20	20110711	--	NORMAL
E-SB-850-16	SB-850	12	16	20110712	--	NORMAL
E-SB-850-20	SB-850	16	20	20110712	--	NORMAL
E-SB-851-16	SB-851	12	16	20110713	--	NORMAL
E-SB-851-20	SB-851	16	20	20110713	--	NORMAL
E-SB-852-16	SB-852	12	16	20110713	--	NORMAL
E-SB-852-20	SB-852	16	19	20110713	--	NORMAL
E-SB-853-12-16	SB-853	12	16	20110714	--	NORMAL
E-SB-853-16-20	SB-853	16	20	20110714	--	NORMAL
E-SB-854-12-16	SB-854	12	16	20110714	--	NORMAL
E-SB-854-16-20	SB-854	16	20	20110714	--	NORMAL
E-SB-855-12-16	SB-855	12	16	20110714	--	NORMAL
E-SB-855-16-20	SB-855	16	20	20110714	--	NORMAL
E-SB-856-16	SB-856	12	16	20110713	--	NORMAL
E-SB-856-20	SB-856	16	20	20110713	--	NORMAL
E-SB-857-12	SB-857	11.5	12	20110713	--	NORMAL
E-SB-857-16	SB-857	12	16	20110713	--	NORMAL
E-SB-857-20	SB-857	16	20	20110713	--	NORMAL
E-SB-858-12	SB-858	10	12	20110712	--	NORMAL
E-SB-858-16	SB-858	15	16	20110712	--	NORMAL
E-SB-858-20	SB-858	16	18	20110712	--	NORMAL
E-SB-859-12	SB-859	10	12	20110712	--	NORMAL
E-SB-859-16	SB-859	12	16	20110712	--	NORMAL
E-SB-859-20	SB-859	16	20	20110712	--	NORMAL
E-SB-983-10-12	E-SB-983	10	12	20120719	--	NORMAL
E-SB-983-12-14	E-SB-983	12	14	20120719	--	NORMAL
E-SB-983-14-16	E-SB-983	14	16	20120719	--	NORMAL
E-SB-983-16-18	E-SB-983	16	18	20120719	--	NORMAL
E-SB-983-18-20	E-SB-983	18	20	20120719	--	NORMAL
E-SB-984-10-12	E-SB-984	10	12	20120724	570 U	NORMAL
E-SB-984-12-14	E-SB-984	12	14	20120724	--	NORMAL
E-SB-984-14-16	E-SB-984	14	16	20120724	--	NORMAL
E-SB-984-16-18	E-SB-984	16	18	20120724	--	NORMAL
E-SB-984-18-20	E-SB-984	18	20	20120724	--	NORMAL
I-SB-32-15	BLI-SB-32	15	15	20100928	16 U	NORMAL
I-SB-33-13	BLI-SB-33	13	13	20100924	0.35 U	NORMAL
I-SB-34-13	BLI-SB-34	13	13	20100924	0.31 U	NORMAL
MRC-E-SB-1359-15	E-SB-1359	13	15	20140417	0.31 U	NORMAL
MRC-E-SB-1359-20	E-SB-1359	18	20	20140417	0.27 U	NORMAL
MRC-E-SB-1360-15	E-SB-1360	13	15	20140417	1.5 J	NORMAL
MRC-E-SB-1360-20	E-SB-1360	18	20	20140417	16 U	NORMAL
MRC-E-SB-1361-15	E-SB-1361	13	15	20140416	19 U	NORMAL
MRC-E-SB-1361-20	E-SB-1361	18	20	20140416	16 U	NORMAL

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	C1-CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-FLUORENES	C1-PHENANTHRENES/ANTHRACENES	C2-CHRYSENES/BENZO(A)ANTHRACENES	C2-FLUORENES	C2-NAPHTHALENES	C2-PHENANTHRENES/ANTHRACENES	C3-CHRYSENES/BENZO(A)ANTHRACENES	C3-FLUORENES	C3-NAPHTHALENES	C3-PHENANTHRENES/ANTHRACENES	C4-CHRYSENES/BENZO(A)ANTHRACENES	C4-NAPHTHALENES	C4-PHENANTHRENES/ANTHRACENES	ANTIMONY	ARSENIC
					ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	ALKYLATED PAHS (UG/KG)	METALS (MG/KG)	METALS (MG/KG)
SB-1-10	SB-001	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.4 UL	1.8 L
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.3 UL	0.87 L
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.3 UL	1.6 L
SB-4-10	SB-004	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.4 UL	2.4 L
SB-503-1012	SB-503	10	12	20071127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.26 K	1.7
SB-5-10	SB-005	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.4 UL	1.1 L
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.3 UL	2 L

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	THORIUM	URANIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
SB-1-10	SB-001	10	10	20031120	--	3.4 U	3.4 U	13 B	--	17	--	5	--	0.13 U	--	30	3.4 U	3.4 UR	2.7 U	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	--	3.3 U	3.3 U	3.3 UJ	--	3.3 U	--	3.3 U	--	0.13 U	--	3.3 U	3.3 U	3.3 UR	2.6 U	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	--	3.3 U	3.3 U	5.2 B	--	3.3 U	--	3.3 U	--	0.13 U	--	3.3 U	3.3 U	3.3 UR	2.6 U	--	--
SB-4-10	SB-004	10	10	20031120	--	3.4 U	3.4 U	14 B	--	15	--	4.4	--	0.14 U	--	8	3.4 U	3.4 UR	2.7 U	--	--
SB-503-1012	SB-503	10	12	20071127	12.8	1.5	0.043 K	14.1 J	3.3	12.4 J	34200	5.8 J	69.9	0.02 U	0.22 B	12.1	0.8	0.1 K	0.056 K	--	--
SB-5-10	SB-005	10	10	20031120	--	3.4 U	3.4 U	3.8 B	--	3.4 U	--	3.4 U	--	0.14 U	--	4.6	3.4 U	3.4 UR	2.7 U	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	--	3.3 U	3.3 U	22 J	--	14	--	7.1	--	0.13 U	--	21	3.3 U	3.3 UR	2.7 U	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	PERCENT SOLIDS	HEXAVALENT CHROMIUM	PH	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (%)	MISCELLANEOUS PARAMETERS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
SB-1-10	SB-001	10	10	20031120	--	--	--	--	--	--	76	74	--	--	67 U	67 U	67 U	67 U	67 U
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	74	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	77	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	--	--	--	--	--	--	33 U	76	--	--	66 U	66 U	66 U	66 U	66 U
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	73	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	--	--	--	--	--	--	33 U	76	--	--	66 U	66 U	66 U	66 U	66 U
SB-4-10	SB-004	10	10	20031120	--	--	--	--	--	--	34 U	73	--	--	68 U	68 U	68 U	68 U	68 U
SB-503-1012	SB-503	10	12	20071127	--	--	--	--	--	17.4 J	17.5	84.3	--	--	39 U	39 U	39 U	39 U	39 U
SB-5-10	SB-005	10	10	20031120	--	--	--	--	--	--	34 U	74	--	--	68 U	68 U	68 U	68 U	68 U
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	82	--	--	20 U	20 U	20 U	20 U	20 U
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	89	--	--	93 U	93 U	93 U	93 U	93 U
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	20 U	20 U	20 U	20 U	20 U
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	85	--	--	20 U	20 U	20 U	20 U	20 U
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	94	--	--	18 U	18 U	18 U	18 U	18 U
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	86	--	--	19 U	19 U	19 U	19 U	19 U
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	85	--	--	20 U	20 U	20 U	20 U	20 U
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	84	--	--	20 U	20 U	20 U	20 U	20 U
SB-6-10	SB-006	10	10	20031120	--	--	--	--	--	--	33 U	75	--	--	66 U	66 U	66 U	66 U	66 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C10-C32)	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C06-C10)	TPH (C10-C32)
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM HYDROCARBONS (MG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)
SB-1-10	SB-001	10	10	20031120	67 U	67 U	--	--	0 U	234.5	--	27000 U	130 U	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	27000 U	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	26000 U	--	--	--
SB-2-10	SB-002	10	10	20031120	66 U	66 U	--	--	0 U	231	--	26000 U	130 U	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	27000 U	--	--	--
SB-3-10	SB-003	10	10	20031120	66 U	66 U	--	--	0 U	231	--	26000 U	4400	--	--
SB-4-10	SB-004	10	10	20031120	68 U	68 U	--	--	0 U	238	--	27000 U	140 U	--	--
SB-503-1012	SB-503	10	12	20071127	39 U	39 U	--	--	0 U	136.5	--	--	--	--	1100 J
SB-5-10	SB-005	10	10	20031120	68 U	68 U	--	--	0 U	238	--	27000 U	140 U	--	--
SB-555A-10	SB-555A	10	10	20081111	20 U	20 U	--	--	0 U	70	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	93 U	710	--	--	710	989	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	20 U	38 J	--	--	38	98	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	20 U	20 U	--	--	0 U	70	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	20 U	20 U	--	--	0 U	70	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	18 U	34	--	--	34	88	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	19 U	19 U	--	--	0 U	66.5	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	20 U	20 U	--	--	0 U	70	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	20 U	20 U	--	--	0 U	70	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	66 U	66 U	--	--	0 U	231	--	27000 U	130 U	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BAP EQUIVALENT-UCL	BENZO(A)ANTHRACENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
SB-1-10	SB-001	10	10	20031120	--	450 U	450 U	450 U	450 U	450 U	450 U	17.683319	450 U
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	--	440 U	440 U	440 U	440 U	440 U	440 U	33.522039	440 U
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	--	440 U	440 U	440 U	440 U	440 U	440 U	121.215169	440 U
SB-4-10	SB-004	10	10	20031120	--	450 U	450 U	450 U	450 U	450 U	450 U	57.345403	450 U
SB-503-1012	SB-503	10	12	20071127	--	390 U	390 U	390 U	390 U	390 U	390 U	85.958741	390 U
SB-5-10	SB-005	10	10	20031120	--	450 U	450 U	450 U	450 U	450 U	450 U	83.856925	450 U
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	--	440 U	440 U	440 U	440 U	440 U	440 U	355.399742	440 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
SB-1-10	SB-001	10	10	20031120	450 U	450 U	450 U	450 U	450 U	450 U	450 U	450 U	450 U
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U
SB-4-10	SB-004	10	10	20031120	450 U	450 U	450 U	450 U	450 U	450 U	450 U	450 U	450 U
SB-503-1012	SB-503	10	12	20071127	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
SB-5-10	SB-005	10	10	20031120	450 U	450 U	450 U	450 U	450 U	450 U	450 U	450 U	450 U
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	NAPHTHALENE	PHENANTHRENE	PYRENE	TOTAL PAHS	TOTAL PAHS HALFND	THORIUM-228	THORIUM-230	THORIUM-232
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)
SB-1-10	SB-001	10	10	20031120	450 U	450 U	450 U	0 U	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	440 U	440 U	440 U	0 U	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	440 U	440 U	440 U	0 U	--	--	--	--
SB-4-10	SB-004	10	10	20031120	450 U	450 U	450 U	0 U	--	--	--	--
SB-503-1012	SB-503	10	12	20071127	390 U	390 U	390 U	0 U	--	--	--	--
SB-5-10	SB-005	10	10	20031120	450 U	450 U	450 U	0 U	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	440 U	440 U	440 U	0 U	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	URANIUM-233/234	URANIUM-235	URANIUM-238	ACTINIUM-227	ACTINIUM-228	BISMUTH-212	BISMUTH-214	LEAD-210	LEAD-212	LEAD-214
					RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIOCHEMISTRY BY ALPHA SPECTROMETRY (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
SB-1-10	SB-001	10	10	20031120	--	--	--	--	--	--	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	--	--	--	--	--	--	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	--	--	--	--	--	--	--	--	--	--
SB-4-10	SB-004	10	10	20031120	--	--	--	--	--	--	--	--	--	--
SB-503-1012	SB-503	10	12	20071127	--	--	--	--	--	--	--	--	--	--
SB-5-10	SB-005	10	10	20031120	--	--	--	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	--	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	POTASSIUM-40	PROTACTINIUM-231	PROTACTINIUM-234M	RADIUM-226	RADIUM-228	THALLIUM-208	THORIUM-228	THORIUM-230
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)
SB-1-10	SB-001	10	10	20031120	--	--	--	--	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	--	--	--	--	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	--	--	--	--	--	--	--	--
SB-4-10	SB-004	10	10	20031120	--	--	--	--	--	--	--	--
SB-503-1012	SB-503	10	12	20071127	--	--	--	--	--	--	--	--
SB-5-10	SB-005	10	10	20031120	--	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	THORIUM-232	THORIUM-234	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	1,1-BIPHENYL	1,4-DIOXANE
					RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	RADIONUCLIDES (PCI/G)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
SB-1-10	SB-001	10	10	20031120	--	--	--	--	--	--	--	450 U	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	--	--	--	--	--	--	--	440 U	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	--	--	--	--	--	--	--	440 U	--
SB-4-10	SB-004	10	10	20031120	--	--	--	--	--	--	--	450 U	--
SB-503-1012	SB-503	10	12	20071127	--	--	--	--	--	--	--	390 U	--
SB-5-10	SB-005	10	10	20031120	--	--	--	--	--	--	--	450 U	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	--	--	--	--	--	--	--	440 U	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
SB-1-10	SB-001	10	10	20031120	450 U	1100 U	450 U	450 U	450 U	1100 U	450 U	450 U	450 U
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	440 U	1100 U	440 U	440 U	440 U	1100 U	440 U	440 U	440 U
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	440 U	1100 U	440 U	440 U	440 U	1100 U	440 U	440 U	440 U
SB-4-10	SB-004	10	10	20031120	450 U	1100 U	450 U	450 U	450 U	1100 U	450 U	450 U	450 U
SB-503-1012	SB-503	10	12	20071127	390 U	390 U	390 U	390 U	390 U	780 U	390 U	390 U	390 U
SB-5-10	SB-005	10	10	20031120	450 U	1100 U	450 U	450 U	450 U	1100 U	450 U	450 U	450 U
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	440 U	1100 U	440 U	440 U	440 U	1100 U	440 U	440 U	440 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
SB-1-10	SB-001	10	10	20031120	450 U	--	450 U	1100 U	450 U	450 U	450 U	1100 U	1000 U	450 U
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	440 U	--	440 U	1100 U	440 U	440 U	440 U	1100 U	1000 U	440 U
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	440 U	--	440 U	1100 U	440 U	440 U	440 U	1100 U	1000 U	440 U
SB-4-10	SB-004	10	10	20031120	450 U	--	450 U	1100 U	450 U	450 U	450 U	1100 U	1000 U	450 U
SB-503-1012	SB-503	10	12	20071127	390 U	--	390 U	780 U	390 U	--	390 U	780 U	390 U	390 U
SB-5-10	SB-005	10	10	20031120	450 U	--	450 U	1100 U	450 U	450 U	450 U	1100 U	1000 U	450 U
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	440 U	--	440 U	1100 U	440 U	440 U	440 U	1100 U	1000 U	440 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER	4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
SB-1-10	SB-001	10	10	20031120	450 U	450 U	450 U	--	1100 U	1100 U	--	--	450 U
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	440 U	440 U	440 U	--	1100 U	1100 U	--	--	440 U
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	440 U	440 U	440 U	--	1100 U	1100 U	--	--	440 U
SB-4-10	SB-004	10	10	20031120	450 U	450 U	450 U	--	1100 U	1100 U	--	--	450 U
SB-503-1012	SB-503	10	12	20071127	390 U	390 U	390 U	390 U	390 U	780 U	--	--	79 U
SB-5-10	SB-005	10	10	20031120	450 U	450 U	450 U	--	1100 U	1100 U	--	--	450 U
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	440 U	440 U	440 U	--	1100 U	1100 U	--	--	440 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
SB-1-10	SB-001	10	10	20031120	--	450 U	--	--	--	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	--	440 U	--	--	--	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	--	440 U	--	--	--	--	--	--	--
SB-4-10	SB-004	10	10	20031120	--	450 U	--	--	--	--	--	--	--
SB-503-1012	SB-503	10	12	20071127	--	390 U	--	--	390 U	--	--	--	--
SB-5-10	SB-005	10	10	20031120	--	450 U	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	--	440 U	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
SB-1-10	SB-001	10	10	20031120	--	450 U	450 U	450 U	450 U	450 U	450 U	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	--	440 U	440 U	440 U	440 U	440 U	440 U	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	--	440 U	440 U	440 U	440 U	440 U	440 U	--	--
SB-4-10	SB-004	10	10	20031120	--	450 U	450 U	450 U	450 U	450 U	450 U	--	--
SB-503-1012	SB-503	10	12	20071127	--	390 U	390 U	390 U	390 U	390 U	390 U	--	--
SB-5-10	SB-005	10	10	20031120	--	450 U	450 U	450 U	450 U	450 U	450 U	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	--	440 U	440 U	440 U	440 U	440 U	440 U	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
SB-1-10	SB-001	10	10	20031120	450 U	450 U	450 U	450 U	450 U	--	--	450 U	450 U
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	440 U	440 U	440 U	440 U	440 U	--	--	440 U	440 U
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	440 U	440 U	440 U	440 U	440 U	--	--	440 U	440 U
SB-4-10	SB-004	10	10	20031120	450 U	450 U	450 U	450 U	450 U	--	--	450 U	450 U
SB-503-1012	SB-503	10	12	20071127	390 U	390 U	390 U	390 U	390 U	--	--	390 U	390 U
SB-5-10	SB-005	10	10	20031120	450 U	450 U	450 U	450 U	450 U	--	--	450 U	450 U
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	440 U	440 U	440 U	440 U	440 U	--	--	440 U	440 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENANTHRENE
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)
SB-1-10	SB-001	10	10	20031120	450 U	450 U	--	450 U	--	450 U	--	450 U	450 U	1100 U	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	440 U	440 U	--	440 U	--	440 U	--	440 U	440 U	1100 U	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	440 U	440 U	--	440 U	--	440 U	--	440 U	440 U	1100 U	--
SB-4-10	SB-004	10	10	20031120	450 U	450 U	--	450 U	--	450 U	--	450 U	450 U	1100 U	--
SB-503-1012	SB-503	10	12	20071127	390 U	390 U	--	390 U	--	390 U	390 U	390 U	390 U	390 U	--
SB-5-10	SB-005	10	10	20031120	450 U	450 U	--	450 U	--	450 U	--	450 U	450 U	1100 U	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	440 U	440 U	--	440 U	--	440 U	--	440 U	440 U	1100 U	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PHENOL	PYRENE	1-BUTANOL	2-METHYLBUTANE	BENZENE, 1,2,4,5-TETRACHLORO-	BENZENE, 1-BROMO-2-FLUORO-	BENZOIC ACID, 2-[(TRIMETHYLSILYL)OXY]-,	CYCLOPENTANE	CYCLOTETRASILOXANE, OCTAMETHYL -	DIETHYL ETHER
					SEMIVOLATILES (UG/KG)	SEMIVOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
SB-1-10	SB-001	10	10	20031120	450 U	--	--	--	--	--	--	--	--	--
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	440 U	--	--	--	--	--	--	--	--	--
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	440 U	--	--	--	--	--	--	--	--	--
SB-4-10	SB-004	10	10	20031120	450 U	--	--	--	--	--	--	--	--	--
SB-503-1012	SB-503	10	12	20071127	390 U	--	--	--	--	--	--	--	--	--
SB-5-10	SB-005	10	10	20031120	450 U	--	--	--	--	--	--	--	--	--
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	440 U	--	--	--	--	--	--	--	--	--

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DODECANE, 2,7,10-TRIMETHYL-	EICOSANE	HEXANE	PENTANE	UNKNOWN [2.15]	UNKNOWN [2.90]	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
SB-1-10	SB-001	10	10	20031120	--	--	--	--	--	--	7 U	7 U	7 U	7 U	--	7 U
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	--	--	--	--	--	--	7 U	7 U	7 U	7 U	--	7 U
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	--	--	--	--	--	--	7 U	7 U	7 U	7 U	--	7 U
SB-4-10	SB-004	10	10	20031120	--	--	--	--	--	--	7 U	7 U	7 U	7 U	--	7 U
SB-503-1012	SB-503	10	12	20071127	--	--	--	--	--	--	5.9 U	5.9 U	5.9 U	--	5.9 U	5.9 U
SB-5-10	SB-005	10	10	20031120	--	--	--	--	--	--	7 U	7 U	7 U	7 U	--	7 U
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	--	--	--	--	--	--	7 U	7 U	7 U	7 U	--	7 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
SB-1-10	SB-001	10	10	20031120	7 U	7 U	7 U	7 U	--	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	7 U	7 U	7 U	7 U	--	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	7 U	7 U	7 U	7 U	--	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
SB-4-10	SB-004	10	10	20031120	7 U	7 U	7 U	7 U	--	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
SB-503-1012	SB-503	10	12	20071127	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	12 U	5.9 U	5.9 U	5.9 U	5.9 U	--	5.9 U
SB-5-10	SB-005	10	10	20031120	7 U	7 U	7 U	7 U	--	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	7 U	7 U	7 U	7 U	--	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
SB-1-10	SB-001	10	10	20031120	7 U	7 U	7 U	67 U	7 U	7 U	67 U	7 U	7 U	67 U	67 UJ	7 U	7 U	7 U
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	1 U	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	1 U	--	--
SB-2-10	SB-002	10	10	20031120	7 U	7 U	7 U	66 U	7 U	7 U	66 U	7 U	7 U	66 U	11 J	7 U	7 U	7 U
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	6	--	--
SB-3-10	SB-003	10	10	20031120	7 U	7 U	7 U	66 U	7 U	7 U	66 U	7 U	7 U	66 U	66 UJ	7 U	7 U	7 U
SB-4-10	SB-004	10	10	20031120	7 U	7 U	7 U	68 U	7 U	7 U	68 U	7 U	7 U	68 U	15 J	7 U	7 U	7 U
SB-503-1012	SB-503	10	12	20071127	5.9 U	5.9 U	5.9 U	12 U	12 U	5.9 U	12 U	5.9 U	5.9 U	12 U	45 J	5.9 U	5.9 U	5.9 U
SB-5-10	SB-005	10	10	20031120	7 U	7 U	7 U	68 U	7 U	7 U	68 U	7 U	7 U	68 U	7 J	7 U	7 U	7 U
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	7 U	7 U	7 U	66 U	7 U	7 U	66 U	7 U	7 U	66 U	66 UJ	7 U	7 U	7 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
SB-1-10	SB-001	10	10	20031120	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
SB-4-10	SB-004	10	10	20031120	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
SB-503-1012	SB-503	10	12	20071127	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
SB-5-10	SB-005	10	10	20031120	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
SB-1-10	SB-001	10	10	20031120	7 U	--	--	7 U	7 U	7 U	20 U	7 U	9 J	7 U	7 U	7 U	20 U
SB-19-10	SB-019	10	10	20031121	--	--	--	1 U	--	--	--	--	--	1 U	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	1 U	--	--	--	--	--	1 U	--	--	--
SB-2-10	SB-002	10	10	20031120	7 U	--	--	7 U	7 U	7 U	20 U	7 U	7 U	7 U	7 U	7 U	20 U
SB-21-10	SB-021	10	10	20031120	--	--	--	1 U	--	--	--	--	--	1 U	--	--	--
SB-3-10	SB-003	10	10	20031120	7 U	--	--	7 U	7 U	7 U	20 U	7 U	11 J	7 U	7 U	7 U	20 U
SB-4-10	SB-004	10	10	20031120	7 U	--	--	7 U	7 U	7 U	20 U	7 U	11 J	7 U	7 U	7 U	20 U
SB-503-1012	SB-503	10	12	20071127	5.9 U	12 U	5.9 U	5.9 U	5.9 U	5.9 U	12 U	12 U	2.7 B	5.9 U	5.9 U	5.9 U	5.9 U
SB-5-10	SB-005	10	10	20031120	7 U	--	--	7 U	7 U	7 U	20 U	7 U	10 J	7 U	7 U	7 U	20 U
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	7 U	--	--	7 U	7 U	7 U	20 U	7 U	10 J	7 U	7 U	7 U	20 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
SB-1-10	SB-001	10	10	20031120	7 U	7 U	--	7 U	--	7 U	7 U	--	--	7 U	7 U	7 U	7 U	7 U
SB-19-10	SB-019	10	10	20031121	--	--	--	--	--	--	1 U	1 U	--	--	--	--	--	--
SB-20-10	SB-020	10	10	20031120	--	--	--	--	--	--	1 U	1 U	--	--	--	--	--	--
SB-2-10	SB-002	10	10	20031120	7 U	7 U	--	7 U	--	7 U	7 U	--	--	7 U	7 U	7 U	7 U	7 U
SB-21-10	SB-021	10	10	20031120	--	--	--	--	--	--	1 U	1 U	--	--	--	--	--	--
SB-3-10	SB-003	10	10	20031120	7 U	7 U	--	7 U	--	7 U	7 U	--	--	7 U	7 U	7 U	7 U	7 U
SB-4-10	SB-004	10	10	20031120	7 U	7 U	--	7 U	--	7 U	7 U	--	--	7 U	7 U	7 U	7 U	7 U
SB-503-1012	SB-503	10	12	20071127	5.9 U	5.9 U	5.9 U	5.9 U	120 UR	5.9 U	5.9 U	12 U	--	5.9 U	5.9 U	5.9 U	5.9 U	12 U
SB-5-10	SB-005	10	10	20031120	7 U	7 U	--	7 U	--	7 U	7 U	--	--	7 U	7 U	7 U	7 U	7 U
SB-555A-10	SB-555A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-12	SB-555A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-14	SB-555A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-555A-16	SB-555A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-568A-10	SB-568A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-10	SB-570A	10	10	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-12	SB-570A	12	12	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-14	SB-570A	14	14	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-570A-16	SB-570A	16	16	20081111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-10	SB-006	10	10	20031120	7 U	7 U	--	7 U	--	7 U	7 U	--	--	7 U	7 U	7 U	7 U	7 U

Appendix Table E-3
Subsurface Soil (11-20 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	VINYL CHLORIDE VOLATILES (UG/KG)	type
SB-1-10	SB-001	10	10	20031120	7 U	NORMAL
SB-19-10	SB-019	10	10	20031121	--	NORMAL
SB-20-10	SB-020	10	10	20031120	--	NORMAL
SB-2-10	SB-002	10	10	20031120	7 U	NORMAL
SB-21-10	SB-021	10	10	20031120	--	NORMAL
SB-3-10	SB-003	10	10	20031120	7 U	NORMAL
SB-4-10	SB-004	10	10	20031120	7 U	NORMAL
SB-503-1012	SB-503	10	12	20071127	5.9 U	NORMAL
SB-5-10	SB-005	10	10	20031120	7 U	NORMAL
SB-555A-10	SB-555A	10	10	20081111	--	NORMAL
SB-555A-12	SB-555A	12	12	20081111	--	NORMAL
SB-555A-14	SB-555A	14	14	20081111	--	NORMAL
SB-555A-16	SB-555A	16	16	20081111	--	NORMAL
SB-568A-10	SB-568A	10	10	20081111	--	NORMAL
SB-570A-10	SB-570A	10	10	20081111	--	NORMAL
SB-570A-12	SB-570A	12	12	20081111	--	NORMAL
SB-570A-14	SB-570A	14	14	20081111	--	NORMAL
SB-570A-16	SB-570A	16	16	20081111	--	NORMAL
SB-6-10	SB-006	10	10	20031120	7 U	NORMAL

Notes:

mg/kg	milligrams per kilogram
ug/kg	micrograms per kilogram
Pci/g	picocuries per gram
Pci/L	picocuries per liter
ug/L	micrograms per liter
mg/L	milligrams per liter
U	The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted detection limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the reporting limit).
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
UJ	The analyte was analyzed for, but was not detected. The reported detection limit is approximate and may be inaccurate or imprecise.
NJ	The analyte has been “tentatively identified” or “presumptively” as present and the associated numerical value is the estimated concentration in the sample.
R	The sample result (detected) is unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
UR	The sample result (nondetected) is unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
SS	Surface soil
SB	Soil boring
CB	Catch basin
RAD	Radiological sample
"D"	Field duplicate sample
AVG	Value is an average of initial and duplicate sample results.
BaPEq	Benzo(a)pyrene equivalents
PAH	Polycyclic aromatic hydrocarbons
PCB	Polychlorinated biphenyls
S.U.	A unitless scale of acidity (in pH)
TPH	Total petroleum hydrocarbons

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-CB-11A-22-24	E-CB-11A	22	24	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-26-28	E-CB-11A	26	28	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-22-24	E-CB-11B	22	24	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-26-28	E-CB-11B	26	28	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-28-30	E-CB-11B	28	30	20120719	0.45 UL	1.1 J	13 J	1.7	0.042 U	16	9.3	11	3.2	0.015 U	0.31 U	24	0.52 U
E-CB-13-22-24	E-CB-13	22	24	20120720	2.1 UL	3.7	13 J	5.5	0.19 U	22	20	16	11	0.018 U	0.29 U	62	0.56 J
E-CB-13-24-26	E-CB-13	24	26	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-28-30	E-CB-13	28	30	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-22-24	E-CB-2	22	24	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-26-28	E-CB-2	26	28	20120719	0.3 UL	0.53 J	12 J	1	0.028 U	17	4	3	2.8	0.016 U	0.44 J	13	0.35 U
E-CB-2-28-30	E-CB-2	28	30	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1421-22-23	E-SB-1421	22	23	20160308	--	3.2	40 J	--	0.23 J	13 J	--	--	47 J	0.24 J	--	--	0.3 U
E-SB-1424-25-26	E-SB-1424	25	26	20160309	--	2.6 J	29 J	--	0.23 J	12 J	--	--	17 J	0.18	--	--	0.38 UJ
E-SB-1424-25-26-AVG	E-SB-1424	25	26	20160309	--	2.7	28	--	0.29	11.5	--	--	18.5	0.118	--	--	0.385 U
E-SB-1424-25-26-D	E-SB-1424	25	26	20160309	--	2.8 J	27 J	--	0.35 J	11 J	--	--	20 J	0.11 U	--	--	0.39 UJ
E-SB-1427-28-29	E-SB-1427	28	29	20160309	--	2 J	21 J	--	0.14 J	13 J	--	--	8.5 J	0.076 U	--	--	0.39 UJ
E-SB-1471-20-24	E-SB-1471	20	24	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-20-24	E-SB-1472	20	24	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22-AVG	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22-D	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-20-22	E-SB-1587	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-20-22	E-SB-1588	20	22	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-20-22	E-SB-1590	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-20-22	E-SB-1592	20	22	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-20-22	E-SB-1597	20	22	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-22-24	E-SB-1597	22	24	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-20-22	E-SB-1607	20	22	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-20-22	E-SB-1724	20	22	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-22-24	E-SB-1724	22	24	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-24-26	E-SB-1724	24	26	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-26-28	E-SB-1724	26	28	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-28-30	E-SB-1724	28	30	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-20-22	E-SB-1725	20	22	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-22-24	E-SB-1725	22	24	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-24-26	E-SB-1725	24	26	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-26-28	E-SB-1725	26	28	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-28-30	E-SB-1725	28	30	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-20-22	E-SB-1727	20	22	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-20-22	E-SB-1732	20	22	20171108	0.5 U	1.4 U	14 J	2.3	0.022 U	19	7.2	7.6	7.1	0.022 U	0.15 J	25	0.36 U
E-SB-1735-20-22	E-SB-1735	20	22	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-20-22	E-SB-1736	20	22	20171110	0.45 UJ	3.5 J	27	6.6 J	0.24 J	26 J	29	9 J	9.6 J	0.023 U	0.2 J	82	0.32 UJ
E-SB-1736-22-24	E-SB-1736	22	24	20171110	0.45 UJ	4.7 J	18 J	2.8 J	0.14 J	28 J	22	11 J	7.5 J	0.023 U	0.31 J	71	0.32 UJ
E-SB-1736-22-24-AVG	E-SB-1736	22	24	20171110	0.51 U	5.1	19	3.1	0.1165	28.5	24.5	12	9.25	0.025 U	0.325	77.5	0.36 U
E-SB-1736-22-24-D	E-SB-1736	22	24	20171110	0.57 UJ	5.5 J	20 J	3.4 J	0.093 J	29 J	27	13 J	11 J	0.026 U	0.34 J	84	0.4 UJ
E-SB-1738-20-22	E-SB-1738	20	22	20171110	0.52 UJ	2.9 J	11 J	2.8 J	0.023 UJ	30 J	7.8	40	4.9 J-	0.02 UJ	0.13 J	30	0.37 UJ
E-SB-1739-20-22	E-SB-1739	20	22	20171111	0.51 U	2.2	21	4.2	0.15 J	27	13	27	6	0.023 U	0.26 J	39	0.36 U
E-SB-1739-22-24	E-SB-1739	22	24	20171111	0.55 U	3	16 J	4.9	0.13 J	25	14	13	7.5	0.019 U	0.43 J	42	0.39 U
E-SB-1739-24-26	E-SB-1739	24	26	20171111	0.45 U	2.5	13 J	4	0.084 J	19	12	11	6	0.021 U	0.29 J	33	0.32 U
E-SB-1739-26-28	E-SB-1739	26	28	20171111	0.56 U	1.8	14 J	2.7	0.065 J	18	9.4	8.1	5	0.022 U	0.16 J	24	0.4 U
E-SB-1739-28-30	E-SB-1739	28	30	20171111	0.52 U	1.4 J	11 J	1.9	0.053 J	14	6.5	11	4.7	0.022 U	0.16 J	17	0.37 U
E-SB-1740-20-22	E-SB-1740	20	22	20171111	0.55 U	3.6	17 J	5.7	0.11 J	25	16	13	6.9	0.023 U	0.39 U	47	0.39 U
E-SB-848-24	SB-848	20	24	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
E-SB-848-28	SB-848	24	28	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-30	SB-848	28	30	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-28	SB-849	24	28	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-24	SB-850	20	24	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-28	SB-850	24	28	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-30	SB-850	28	30	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-28	SB-851	24	28	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-24	SB-852	20	24	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-28	SB-852	24	28	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-30	SB-852	28	30	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-20-24	SB-853	20	24	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-24-28	SB-853	24	28	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-28-30	SB-853	28	28.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-24-28	SB-854	24	28	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-24-28	SB-855	24	28	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-28	SB-856	24	28	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-28	SB-857	24	28	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-28	SB-858	24	28	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-28	SB-859	24	28	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-22-24	E-SB-983	22	24	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-26-28	E-SB-983	26	28	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-22-24	E-SB-984	22	24	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-26-28	E-SB-984	26	28	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-25	E-SB-1359	23	25	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-28	E-SB-1359	26	28	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-25	E-SB-1360	23	25	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-28	E-SB-1360	26	28	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-25	E-SB-1361	23	25	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-30	E-SB-1361	28	30	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	VANADIUM	ZINC	PH	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-CB-11A-22-24	E-CB-11A	22	24	20120720	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U
E-CB-11A-26-28	E-CB-11A	26	28	20120720	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U
E-CB-11B-22-24	E-CB-11B	22	24	20120719	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U
E-CB-11B-26-28	E-CB-11B	26	28	20120719	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U
E-CB-11B-28-30	E-CB-11B	28	30	20120719	0.12 U	0.64 U	20	21	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U
E-CB-13-22-24	E-CB-13	22	24	20120720	0.22 J	0.59 U	67	75	--	23 U	18 U	16 U	14 U	19 U	19 U	19 U
E-CB-13-24-26	E-CB-13	24	26	20120720	--	--	--	--	--	31 U	24 U	21 U	19 U	25 U	25 U	25 U
E-CB-13-28-30	E-CB-13	28	30	20120720	--	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U
E-CB-2-22-24	E-CB-2	22	24	20120719	--	--	--	--	--	23 U	18 U	16 U	15 U	19 U	19 U	19 U
E-CB-2-26-28	E-CB-2	26	28	20120719	0.087 J	0.43 U	13	8.4	--	23 U	18 U	15 U	14 U	19 U	19 U	19 U
E-CB-2-28-30	E-CB-2	28	30	20120719	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	19 U
E-SB-1421-22-23	E-SB-1421	22	23	20160308	0.056 U	--	--	--	--	14 U	19 U	24 U	13 U	9.6 U	17 U	24 J
E-SB-1424-25-26	E-SB-1424	25	26	20160309	0.07 UJ	--	--	--	--	15 U	20 U	25 U	13 U	9.8 U	17 U	250 J
E-SB-1424-25-26-AVG	E-SB-1424	25	26	20160309	0.071 U	--	--	--	--	15 U	20 U	25 U	13.5 U	9.9 U	17.5 U	175
E-SB-1424-25-26-D	E-SB-1424	25	26	20160309	0.072 UJ	--	--	--	--	15 U	20 U	25 U	14 U	10 U	18 U	100 J
E-SB-1427-28-29	E-SB-1427	28	29	20160309	0.072 UJ	--	--	--	--	15 U	20 U	25 U	14 U	9.9 U	17 U	200
E-SB-1471-20-24	E-SB-1471	20	24	20160329	--	--	--	--	--	140 U	190 U	230 U	130 U	93 U	160 U	2200
E-SB-1472-20-24	E-SB-1472	20	24	20160330	--	--	--	--	--	15 U	20 U	25 U	14 U	9.9 U	17 U	580
E-SB-1586-20-22	E-SB-1586	20	22	20170207	--	--	--	--	--	270 U	260 U	180 U	220 U	190 U	160 U	5500 J
E-SB-1586-20-22-AVG	E-SB-1586	20	22	20170207	--	--	--	--	--	149.5 U	144 U	100 U	122.5 U	105.5 U	88.5 U	3050
E-SB-1586-20-22-D	E-SB-1586	20	22	20170207	--	--	--	--	--	29 U	28 U	20 U	25 U	21 U	17 U	600 J
E-SB-1587-20-22	E-SB-1587	20	22	20170207	--	--	--	--	--	1400 U	1300 U	930 U	1200 U	990 U	810 U	36000
E-SB-1588-20-22	E-SB-1588	20	22	20170206	--	--	--	--	--	29 U	28 U	20 U	25 U	21 U	17 U	670
E-SB-1590-20-22	E-SB-1590	20	22	20170207	--	--	--	--	--	300 U	280 U	200 U	250 U	210 U	170 U	4200
E-SB-1592-20-22	E-SB-1592	20	22	20170131	--	--	--	--	--	140 UJ	130 UJ	92 UJ	110 UJ	98 UJ	80 UJ	2500 J
E-SB-1597-20-22	E-SB-1597	20	22	20170111	--	--	--	--	--	1400 U	1400 U	950 U	1200 U	1000 U	830 U	44000
E-SB-1597-22-24	E-SB-1597	22	24	20170111	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	130
E-SB-1607-20-22	E-SB-1607	20	22	20170112	--	--	--	--	--	27 U	26 U	18 U	22 U	19 U	16 U	20 U
E-SB-1724-20-22	E-SB-1724	20	22	20171107	--	--	--	--	--	29 U	28 U	20 U	24 U	21 U	17 U	22 U
E-SB-1724-22-24	E-SB-1724	22	24	20171107	--	--	--	--	--	28 U	27 U	19 U	24 U	20 U	17 U	21 U
E-SB-1724-24-26	E-SB-1724	24	26	20171107	--	--	--	--	--	27 U	25 U	18 U	22 U	19 U	15 U	20 U
E-SB-1724-26-28	E-SB-1724	26	28	20171107	--	--	--	--	--	29 U	27 U	19 U	24 U	20 U	17 U	21 U
E-SB-1724-28-30	E-SB-1724	28	30	20171107	--	--	--	--	--	28 U	27 U	18 U	23 U	20 U	16 U	21 U
E-SB-1725-20-22	E-SB-1725	20	22	20171108	--	--	--	--	--	26 U	25 U	18 U	22 U	19 U	15 U	710
E-SB-1725-22-24	E-SB-1725	22	24	20171108	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U	17 U	260
E-SB-1725-24-26	E-SB-1725	24	26	20171108	--	--	--	--	--	29 U	28 U	19 U	24 U	21 U	17 U	88
E-SB-1725-26-28	E-SB-1725	26	28	20171108	--	--	--	--	--	28 U	27 U	19 U	23 U	20 U	16 U	600
E-SB-1725-28-30	E-SB-1725	28	30	20171108	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	220
E-SB-1727-20-22	E-SB-1727	20	22	20171108	--	--	--	--	--	27 U	26 U	18 U	23 U	19 U	16 U	56 J
E-SB-1732-20-22	E-SB-1732	20	22	20171108	0.066 U	0.51 U	25 J	22	5.6	28 U	27 U	19 U	23 U	20 U	16 U	350
E-SB-1735-20-22	E-SB-1735	20	22	20171110	--	--	--	--	--	140 U	140 U	95 U	120 U	100 U	83 U	1600
E-SB-1736-20-22	E-SB-1736	20	22	20171110	0.059 UJ	0.51 U	42 J	190	4.7	29 U	28 U	20 U	25 U	21 U	17 U	88 J
E-SB-1736-22-24	E-SB-1736	22	24	20171110	0.059 UJ	0.61 U	49 J	110	5.3	280 U	270 U	190 U	240 U	200 U	170 U	210 U
E-SB-1736-22-24-AVG	E-SB-1736	22	24	20171110	0.067 U	0.705 U	57.5	115	5.55	155 U	149.5 U	105 U	132.5 U	111 U	94 U	212.5
E-SB-1736-22-24-D	E-SB-1736	22	24	20171110	0.075 UJ	0.8 U	66 J	120	5.8	30 U	29 U	20 U	25 U	22 U	18 U	320
E-SB-1738-20-22	E-SB-1738	20	22	20171110	0.068 UJ	0.29 J	49 J-	38 J	5.7	27 U	26 U	18 U	23 U	19 U	16 U	1200
E-SB-1739-20-22	E-SB-1739	20	22	20171111	0.067 U	0.14 U	41	84	5.6	30 U	29 U	20 U	25 U	21 U	17 U	1300
E-SB-1739-22-24	E-SB-1739	22	24	20171111	0.072 U	0.15 U	42	79	5.5	28 U	27 U	19 U	23 U	20 U	16 U	120
E-SB-1739-24-26	E-SB-1739	24	26	20171111	0.059 U	0.12 U	35	57	5.7	29 U	28 U	20 U	24 U	21 U	17 U	52 J
E-SB-1739-26-28	E-SB-1739	26	28	20171111	0.073 U	0.15 U	28	39	5.6	29 U	27 U	19 U	24 U	20 U	17 U	27 J
E-SB-1739-28-30	E-SB-1739	28	30	20171111	0.068 U	0.14 U	21	27	5.6	28 U	27 U	19 U	23 U	20 U	16 U	21 U
E-SB-1740-20-22	E-SB-1740	20	22	20171111	0.072 U	0.15 U	48	77	5.6	28 U	27 U	19 U	24 U	20 U	17 U	970
E-SB-848-24	SB-848	20	24	20110711	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.5 U	0.89 U	1.3 U	11

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILVER	THALLIUM	VANADIUM	ZINC	PH	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	MISCELLANEOUS PARAMETERS (S.U.)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
E-SB-848-28	SB-848	24	28	20110711	--	--	--	--	--	1.5 U	1.9 U	1.7 U	1.6 U	0.94 U	1.4 U	8.4 J
E-SB-848-30	SB-848	28	30	20110711	--	--	--	--	--	1.7 U	2.2 U	2 U	1.9 U	1.1 U	1.6 U	1.6 U
E-SB-849-28	SB-849	24	28	20110711	--	--	--	--	--	1.5 U	1.9 U	1.7 U	1.6 U	0.93 U	1.4 U	1.4 U
E-SB-850-24	SB-850	20	24	20110712	--	--	--	--	--	1.6 U	2 U	1.8 U	1.7 U	1 U	1.5 U	1.5 U
E-SB-850-28	SB-850	24	28	20110712	--	--	--	--	--	1.5 U	1.9 U	1.7 U	1.6 U	0.93 U	1.4 U	1.4 U
E-SB-850-30	SB-850	28	30	20110712	--	--	--	--	--	1.5 U	1.9 U	1.7 U	1.6 U	0.94 U	1.4 U	1.4 U
E-SB-851-28	SB-851	24	28	20110713	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.5 U	0.89 U	1.3 U	1.3 U
E-SB-852-24	SB-852	20	24	20110713	--	--	--	--	--	7 U	9 U	8.1 U	7.7 U	4.5 U	6.7 U	2900
E-SB-852-28	SB-852	24	28	20110713	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.5 U	0.9 U	1.4 U	1200
E-SB-852-30	SB-852	28	30	20110713	--	--	--	--	--	14 U	19 U	17 U	16 U	9.2 U	14 U	9300
E-SB-853-20-24	SB-853	20	24	20110714	--	--	--	--	--	73 U	93 U	84 U	79 U	46 U	69 U	27000
E-SB-853-24-28	SB-853	24	28	20110714	--	--	--	--	--	7.2 U	9.2 U	8.3 U	7.9 U	4.6 U	6.9 U	4300
E-SB-853-28-30	SB-853	28	28.5	20110714	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.6 U	0.9 U	1.4 U	1500
E-SB-854-24-28	SB-854	24	28	20110714	--	--	--	--	--	1.4 U	1.9 U	1.7 U	1.6 U	0.92 U	1.4 U	85 J
E-SB-855-24-28	SB-855	24	28	20110714	--	--	--	--	--	1.5 U	1.9 U	1.7 U	1.6 U	0.93 U	1.4 U	87 J
E-SB-856-28	SB-856	24	28	20110713	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.6 U	0.91 U	1.4 U	1.4 U
E-SB-857-28	SB-857	24	28	20110713	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.6 U	0.91 U	1.4 U	1.4 U
E-SB-858-28	SB-858	24	28	20110712	--	--	--	--	--	1.4 U	1.8 U	1.7 U	1.6 U	0.91 U	8.7 J	1.4 U
E-SB-859-28	SB-859	24	28	20110712	--	--	--	--	--	1.4 U	1.8 U	1.6 U	1.6 U	0.91 U	1.4 U	1.4 U
E-SB-983-22-24	E-SB-983	22	24	20120719	--	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U
E-SB-983-26-28	E-SB-983	26	28	20120719	--	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U
E-SB-984-22-24	E-SB-984	22	24	20120724	--	--	--	--	--	25 U	19 U	16 U	15 U	20 U	20 U	20 U
E-SB-984-26-28	E-SB-984	26	28	20120724	--	--	--	--	--	24 U	18 U	16 U	15 U	19 U	19 U	32 J
MRC-E-SB-1359-25	E-SB-1359	23	25	20140417	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-28	E-SB-1359	26	28	20140417	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-25	E-SB-1360	23	25	20140417	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-28	E-SB-1360	26	28	20140417	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-25	E-SB-1361	23	25	20140416	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-30	E-SB-1361	28	30	20140416	--	--	--	--	--	--	--	--	--	--	--	--

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-CB-11A-22-24	E-CB-11A	22	24	20120720	--	--	0 U	65	--	--	--	--	--
E-CB-11A-26-28	E-CB-11A	26	28	20120720	--	--	0 U	66.5	--	--	--	--	--
E-CB-11B-22-24	E-CB-11B	22	24	20120719	--	--	0 U	68.5	--	--	--	--	--
E-CB-11B-26-28	E-CB-11B	26	28	20120719	--	--	0 U	65	--	--	--	--	--
E-CB-11B-28-30	E-CB-11B	28	30	20120719	--	--	0 U	68	54 U	18000 B	3.9 U	3.9 U	3.9 U
E-CB-13-22-24	E-CB-13	22	24	20120720	--	--	0 U	64	50 UJ	10000 UJ	3.6 U	3.6 U	3.6 U
E-CB-13-24-26	E-CB-13	24	26	20120720	--	--	0 U	85	--	--	--	--	--
E-CB-13-28-30	E-CB-13	28	30	20120720	--	--	0 U	68	--	--	--	--	--
E-CB-2-22-24	E-CB-2	22	24	20120719	--	--	0 U	64.5	--	--	--	--	--
E-CB-2-26-28	E-CB-2	26	28	20120719	--	--	0 U	63.5	51 U	14000 B	3.7 U	3.7 U	3.7 U
E-CB-2-28-30	E-CB-2	28	30	20120719	--	--	0 U	65	--	--	--	--	--
E-SB-1421-22-23	E-SB-1421	22	23	20160308	12 U	16 U	24	86.3	--	--	--	--	180
E-SB-1424-25-26	E-SB-1424	25	26	20160309	12 U	16 U	250	313.9	--	--	--	--	120 J
E-SB-1424-25-26-AVG	E-SB-1424	25	26	20160309	12.5 U	16.5 U	175	239.95	--	--	--	--	67
E-SB-1424-25-26-D	E-SB-1424	25	26	20160309	13 U	17 U	100	166	--	--	--	--	14 J
E-SB-1427-28-29	E-SB-1427	28	29	20160309	12 U	16 U	200	264.45	--	--	--	--	16
E-SB-1471-20-24	E-SB-1471	20	24	20160329	120 U	150 U	2200	2806.5	--	--	--	--	--
E-SB-1472-20-24	E-SB-1472	20	24	20160330	12 U	16 U	580	644.45	--	--	--	--	--
E-SB-1586-20-22	E-SB-1586	20	22	20170207	89 U	220 U	5500	6294.5	--	--	--	--	--
E-SB-1586-20-22-AVG	E-SB-1586	20	22	20170207	49.4 U	122.5 U	3050	3491	--	--	--	--	--
E-SB-1586-20-22-D	E-SB-1586	20	22	20170207	9.8 U	25 U	600	687.4	--	--	--	--	--
E-SB-1587-20-22	E-SB-1587	20	22	20170207	460 U	1200 U	36000	40145	--	--	--	--	--
E-SB-1588-20-22	E-SB-1588	20	22	20170206	9.8 U	25 U	670	757.4	--	--	--	--	--
E-SB-1590-20-22	E-SB-1590	20	22	20170207	99 U	250 U	4200	5079.5	--	--	--	--	--
E-SB-1592-20-22	E-SB-1592	20	22	20170131	46 UJ	110 UJ	2500	2903	--	--	--	--	--
E-SB-1597-20-22	E-SB-1597	20	22	20170111	480 U	1200 U	44000	48230	--	--	--	--	--
E-SB-1597-22-24	E-SB-1597	22	24	20170111	9 U	23 U	130	210.5	--	--	--	--	--
E-SB-1607-20-22	E-SB-1607	20	22	20170112	8.9 U	22 U	0 U	89.45	--	--	--	--	--
E-SB-1724-20-22	E-SB-1724	20	22	20171107	9.8 U	24 U	0 U	97.4	--	--	--	--	--
E-SB-1724-22-24	E-SB-1724	22	24	20171107	9.5 U	24 U	0 U	94.75	--	--	--	--	--
E-SB-1724-24-26	E-SB-1724	24	26	20171107	8.9 U	22 U	0 U	88.45	--	--	--	--	--
E-SB-1724-26-28	E-SB-1724	26	28	20171107	9.6 U	24 U	0 U	95.3	--	--	--	--	--
E-SB-1724-28-30	E-SB-1724	28	30	20171107	9.2 U	23 U	0 U	92.6	--	--	--	--	--
E-SB-1725-20-22	E-SB-1725	20	22	20171108	8.8 U	22 U	710	787.9	--	--	--	--	--
E-SB-1725-22-24	E-SB-1725	22	24	20171108	9.7 U	24 U	260	345.85	--	--	--	--	--
E-SB-1725-24-26	E-SB-1725	24	26	20171108	9.7 U	24 U	88	173.85	--	--	--	--	--
E-SB-1725-26-28	E-SB-1725	26	28	20171108	9.3 U	23 U	600	682.65	--	--	--	--	--
E-SB-1725-28-30	E-SB-1725	28	30	20171108	9.1 U	23 U	220	300.55	--	--	--	--	--
E-SB-1727-20-22	E-SB-1727	20	22	20171108	9.1 U	23 U	56	136.55	--	--	--	--	--
E-SB-1732-20-22	E-SB-1732	20	22	20171108	9.3 U	23 U	350	432.65	--	--	--	--	--
E-SB-1735-20-22	E-SB-1735	20	22	20171110	47 U	120 U	1600	2022.5	--	--	--	--	--
E-SB-1736-20-22	E-SB-1736	20	22	20171110	9.8 U	25 U	88	175.4	--	--	--	--	--
E-SB-1736-22-24	E-SB-1736	22	24	20171110	95 U	240 U	0 U	947.5	--	--	--	--	--
E-SB-1736-22-24-AVG	E-SB-1736	22	24	20171110	52.5 U	132.5 U	160	678.5	--	--	--	--	--
E-SB-1736-22-24-D	E-SB-1736	22	24	20171110	10 U	25 U	320	409.5	--	--	--	--	--
E-SB-1738-20-22	E-SB-1738	20	22	20171110	9.2 U	23 U	1200	1280.6	--	--	--	--	--
E-SB-1739-20-22	E-SB-1739	20	22	20171111	9.9 U	25 U	1300	1388.5	--	--	--	--	--
E-SB-1739-22-24	E-SB-1739	22	24	20171111	9.3 U	23 U	120	202.65	--	--	--	--	--
E-SB-1739-24-26	E-SB-1739	24	26	20171111	9.8 U	24 U	52	138.4	--	--	--	--	--
E-SB-1739-26-28	E-SB-1739	26	28	20171111	9.5 U	24 U	27	111.75	--	--	--	--	--
E-SB-1739-28-30	E-SB-1739	28	30	20171111	9.3 U	23 U	0 U	93.15	--	--	--	--	--
E-SB-1740-20-22	E-SB-1740	20	22	20171111	9.4 U	24 U	970	1054.2	--	--	--	--	--
E-SB-848-24	SB-848	20	24	20110711	--	--	11	15.245	--	--	--	--	--

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE
					PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	PETROLEUM HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-848-28	SB-848	24	28	20110711	--	--	8.4	12.92	--	--	--	--	--
E-SB-848-30	SB-848	28	30	20110711	--	--	0 U	6.05	--	--	--	--	--
E-SB-849-28	SB-849	24	28	20110711	--	--	0 U	5.215	--	--	--	--	--
E-SB-850-24	SB-850	20	24	20110712	--	--	0 U	5.55	--	--	--	--	--
E-SB-850-28	SB-850	24	28	20110712	--	--	0 U	5.215	--	--	--	--	--
E-SB-850-30	SB-850	28	30	20110712	--	--	0 U	5.22	--	--	--	--	--
E-SB-851-28	SB-851	24	28	20110713	--	--	0 U	4.895	--	--	--	--	--
E-SB-852-24	SB-852	20	24	20110713	--	--	2900	2921.5	--	--	--	--	--
E-SB-852-28	SB-852	24	28	20110713	--	--	1200	1204.3	--	--	--	--	--
E-SB-852-30	SB-852	28	30	20110713	--	--	9300	9344.6	--	--	--	--	--
E-SB-853-20-24	SB-853	20	24	20110714	--	--	27000	27222	--	--	--	--	--
E-SB-853-24-28	SB-853	24	28	20110714	--	--	4300	4322.1	--	--	--	--	--
E-SB-853-28-30	SB-853	28	28.5	20110714	--	--	1500	1504.4	--	--	--	--	--
E-SB-854-24-28	SB-854	24	28	20110714	--	--	85	89.46	--	--	--	--	--
E-SB-855-24-28	SB-855	24	28	20110714	--	--	87	91.515	--	--	--	--	--
E-SB-856-28	SB-856	24	28	20110713	--	--	0 U	5.055	--	--	--	--	--
E-SB-857-28	SB-857	24	28	20110713	--	--	0 U	5.055	--	--	--	--	--
E-SB-858-28	SB-858	24	28	20110712	--	--	8.7	13.105	--	--	--	--	--
E-SB-859-28	SB-859	24	28	20110712	--	--	0 U	5.055	--	--	--	--	--
E-SB-983-22-24	E-SB-983	22	24	20120719	--	--	0 U	68.5	--	--	--	--	--
E-SB-983-26-28	E-SB-983	26	28	20120719	--	--	0 U	66.5	--	--	--	--	--
E-SB-984-22-24	E-SB-984	22	24	20120724	--	--	0 U	67.5	--	--	--	--	--
E-SB-984-26-28	E-SB-984	26	28	20120724	--	--	32	87.5	--	--	--	--	--
MRC-E-SB-1359-25	E-SB-1359	23	25	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-28	E-SB-1359	26	28	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-25	E-SB-1360	23	25	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-28	E-SB-1360	26	28	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-25	E-SB-1361	23	25	20140416	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-30	E-SB-1361	28	30	20140416	--	--	--	--	--	--	--	--	--

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-CB-11A-22-24	E-CB-11A	22	24	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-26-28	E-CB-11A	26	28	20120720	--	--	--	--	--	--	--	--	--
E-CB-11B-22-24	E-CB-11B	22	24	20120719	--	--	--	--	--	--	--	--	--
E-CB-11B-26-28	E-CB-11B	26	28	20120719	--	--	--	--	--	--	--	--	--
E-CB-11B-28-30	E-CB-11B	28	30	20120719	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
E-CB-13-22-24	E-CB-13	22	24	20120720	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U
E-CB-13-24-26	E-CB-13	24	26	20120720	--	--	--	--	--	--	--	--	--
E-CB-13-28-30	E-CB-13	28	30	20120720	--	--	--	--	--	--	--	--	--
E-CB-2-22-24	E-CB-2	22	24	20120719	--	--	--	--	--	--	--	--	--
E-CB-2-26-28	E-CB-2	26	28	20120719	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
E-CB-2-28-30	E-CB-2	28	30	20120719	--	--	--	--	--	--	--	--	--
E-SB-1421-22-23	E-SB-1421	22	23	20160308	16	240	668.315	667.91	560	510	750	230	330
E-SB-1424-25-26	E-SB-1424	25	26	20160309	7.8 J	170 J	558.56	558.16	440 J	420 J	740 J	160	270 J
E-SB-1424-25-26-AVG	E-SB-1424	25	26	20160309	4.01	97	371.915	371.715	280	270	465	135	166.5
E-SB-1424-25-26-D	E-SB-1424	25	26	20160309	0.44 U	24 J	185.27	185.27	120 J	120 J	190 J	110	63 J
E-SB-1427-28-29	E-SB-1427	28	29	20160309	11	38	222.42	222.01	140	170	310	55	110
E-SB-1471-20-24	E-SB-1471	20	24	20160329	--	--	--	--	--	--	--	--	--
E-SB-1472-20-24	E-SB-1472	20	24	20160330	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22-AVG	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22-D	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-20-22	E-SB-1587	20	22	20170207	--	--	--	--	--	--	--	--	--
E-SB-1588-20-22	E-SB-1588	20	22	20170206	--	--	--	--	--	--	--	--	--
E-SB-1590-20-22	E-SB-1590	20	22	20170207	--	--	--	--	--	--	--	--	--
E-SB-1592-20-22	E-SB-1592	20	22	20170131	--	--	--	--	--	--	--	--	--
E-SB-1597-20-22	E-SB-1597	20	22	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-22-24	E-SB-1597	22	24	20170111	--	--	--	--	--	--	--	--	--
E-SB-1607-20-22	E-SB-1607	20	22	20170112	--	--	--	--	--	--	--	--	--
E-SB-1724-20-22	E-SB-1724	20	22	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-22-24	E-SB-1724	22	24	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-24-26	E-SB-1724	24	26	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-26-28	E-SB-1724	26	28	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-28-30	E-SB-1724	28	30	20171107	--	--	--	--	--	--	--	--	--
E-SB-1725-20-22	E-SB-1725	20	22	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-22-24	E-SB-1725	22	24	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-24-26	E-SB-1725	24	26	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-26-28	E-SB-1725	26	28	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-28-30	E-SB-1725	28	30	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-20-22	E-SB-1727	20	22	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-20-22	E-SB-1732	20	22	20171108	--	--	--	--	--	--	--	--	--
E-SB-1735-20-22	E-SB-1735	20	22	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-20-22	E-SB-1736	20	22	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24-AVG	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24-D	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-20-22	E-SB-1738	20	22	20171110	--	--	--	--	--	--	--	--	--
E-SB-1739-20-22	E-SB-1739	20	22	20171111	--	--	--	--	--	--	--	--	--
E-SB-1739-22-24	E-SB-1739	22	24	20171111	--	--	--	--	--	--	--	--	--
E-SB-1739-24-26	E-SB-1739	24	26	20171111	--	--	--	--	--	--	--	--	--
E-SB-1739-26-28	E-SB-1739	26	28	20171111	--	--	--	--	--	--	--	--	--
E-SB-1739-28-30	E-SB-1739	28	30	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-20-22	E-SB-1740	20	22	20171111	--	--	--	--	--	--	--	--	--
E-SB-848-24	SB-848	20	24	20110711	--	--	--	--	--	--	--	--	--

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)
E-SB-848-28	SB-848	24	28	20110711	--	--	--	--	--	--	--	--	--
E-SB-848-30	SB-848	28	30	20110711	--	--	--	--	--	--	--	--	--
E-SB-849-28	SB-849	24	28	20110711	--	--	--	--	--	--	--	--	--
E-SB-850-24	SB-850	20	24	20110712	--	--	--	--	--	--	--	--	--
E-SB-850-28	SB-850	24	28	20110712	--	--	--	--	--	--	--	--	--
E-SB-850-30	SB-850	28	30	20110712	--	--	--	--	--	--	--	--	--
E-SB-851-28	SB-851	24	28	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-24	SB-852	20	24	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-28	SB-852	24	28	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-30	SB-852	28	30	20110713	--	--	--	--	--	--	--	--	--
E-SB-853-20-24	SB-853	20	24	20110714	--	--	--	--	--	--	--	--	--
E-SB-853-24-28	SB-853	24	28	20110714	--	--	--	--	--	--	--	--	--
E-SB-853-28-30	SB-853	28	28.5	20110714	--	--	--	--	--	--	--	--	--
E-SB-854-24-28	SB-854	24	28	20110714	--	--	--	--	--	--	--	--	--
E-SB-855-24-28	SB-855	24	28	20110714	--	--	--	--	--	--	--	--	--
E-SB-856-28	SB-856	24	28	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-28	SB-857	24	28	20110713	--	--	--	--	--	--	--	--	--
E-SB-858-28	SB-858	24	28	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-28	SB-859	24	28	20110712	--	--	--	--	--	--	--	--	--
E-SB-983-22-24	E-SB-983	22	24	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-26-28	E-SB-983	26	28	20120719	--	--	--	--	--	--	--	--	--
E-SB-984-22-24	E-SB-984	22	24	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-26-28	E-SB-984	26	28	20120724	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-25	E-SB-1359	23	25	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-28	E-SB-1359	26	28	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-25	E-SB-1360	23	25	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-28	E-SB-1360	26	28	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-25	E-SB-1361	23	25	20140416	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-30	E-SB-1361	28	30	20140416	--	--	--	--	--	--	--	--	--

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	BENZENEETHANAMINE, N-[(PENTAFLUOROPHENYL
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-CB-11A-22-24	E-CB-11A	22	24	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-26-28	E-CB-11A	26	28	20120720	--	--	--	--	--	--	--	--	--
E-CB-11B-22-24	E-CB-11B	22	24	20120719	--	--	--	--	--	--	--	--	--
E-CB-11B-26-28	E-CB-11B	26	28	20120719	--	--	--	--	--	--	--	--	--
E-CB-11B-28-30	E-CB-11B	28	30	20120719	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	--
E-CB-13-22-24	E-CB-13	22	24	20120720	1.2 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	--
E-CB-13-24-26	E-CB-13	24	26	20120720	--	--	--	--	--	--	--	--	--
E-CB-13-28-30	E-CB-13	28	30	20120720	--	--	--	--	--	--	--	--	--
E-CB-2-22-24	E-CB-2	22	24	20120719	--	--	--	--	--	--	--	--	--
E-CB-2-26-28	E-CB-2	26	28	20120719	1.2 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	--
E-CB-2-28-30	E-CB-2	28	30	20120719	--	--	--	--	--	--	--	--	--
E-SB-1421-22-23	E-SB-1421	22	23	20160308	610	0.81 U	1200	260	230	900	1100	920	--
E-SB-1424-25-26	E-SB-1424	25	26	20160309	460 J	0.8 U	970 J	110 J	170 J	54 J	780 J	790 J	--
E-SB-1424-25-26-AVG	E-SB-1424	25	26	20160309	300	12.7	610	61	127.5	32	450	500	--
E-SB-1424-25-26-D	E-SB-1424	25	26	20160309	140 J	25	250 J	12 J	85 J	10 J	120 J	210 J	--
E-SB-1427-28-29	E-SB-1427	28	29	20160309	210	0.82 U	270	17	57	11	140	260	--
E-SB-1471-20-24	E-SB-1471	20	24	20160329	--	--	--	--	--	--	--	--	--
E-SB-1472-20-24	E-SB-1472	20	24	20160330	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22-AVG	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22-D	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-20-22	E-SB-1587	20	22	20170207	--	--	--	--	--	--	--	--	--
E-SB-1588-20-22	E-SB-1588	20	22	20170206	--	--	--	--	--	--	--	--	--
E-SB-1590-20-22	E-SB-1590	20	22	20170207	--	--	--	--	--	--	--	--	--
E-SB-1592-20-22	E-SB-1592	20	22	20170131	--	--	--	--	--	--	--	--	--
E-SB-1597-20-22	E-SB-1597	20	22	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-22-24	E-SB-1597	22	24	20170111	--	--	--	--	--	--	--	--	--
E-SB-1607-20-22	E-SB-1607	20	22	20170112	--	--	--	--	--	--	--	--	--
E-SB-1724-20-22	E-SB-1724	20	22	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-22-24	E-SB-1724	22	24	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-24-26	E-SB-1724	24	26	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-26-28	E-SB-1724	26	28	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-28-30	E-SB-1724	28	30	20171107	--	--	--	--	--	--	--	--	--
E-SB-1725-20-22	E-SB-1725	20	22	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-22-24	E-SB-1725	22	24	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-24-26	E-SB-1725	24	26	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-26-28	E-SB-1725	26	28	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-28-30	E-SB-1725	28	30	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-20-22	E-SB-1727	20	22	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-20-22	E-SB-1732	20	22	20171108	--	--	--	--	--	--	--	--	--
E-SB-1735-20-22	E-SB-1735	20	22	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-20-22	E-SB-1736	20	22	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24-AVG	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24-D	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-20-22	E-SB-1738	20	22	20171110	--	--	--	--	--	--	--	--	--
E-SB-1739-20-22	E-SB-1739	20	22	20171111	--	--	--	--	--	--	--	--	--
E-SB-1739-22-24	E-SB-1739	22	24	20171111	--	--	--	--	--	--	--	--	--
E-SB-1739-24-26	E-SB-1739	24	26	20171111	--	--	--	--	--	--	--	--	--
E-SB-1739-26-28	E-SB-1739	26	28	20171111	--	--	--	--	--	--	--	--	--
E-SB-1739-28-30	E-SB-1739	28	30	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-20-22	E-SB-1740	20	22	20171111	--	--	--	--	--	--	--	--	--
E-SB-848-24	SB-848	20	24	20110711	--	--	--	--	--	--	--	--	--

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	BENZENEETHANAMINE, N-[(PENTAFLUOROPHENYL
					POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)	TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)
E-SB-848-28	SB-848	24	28	20110711	--	--	--	--	--	--	--	--	--
E-SB-848-30	SB-848	28	30	20110711	--	--	--	--	--	--	--	--	--
E-SB-849-28	SB-849	24	28	20110711	--	--	--	--	--	--	--	--	--
E-SB-850-24	SB-850	20	24	20110712	--	--	--	--	--	--	--	--	--
E-SB-850-28	SB-850	24	28	20110712	--	--	--	--	--	--	--	--	--
E-SB-850-30	SB-850	28	30	20110712	--	--	--	--	--	--	--	--	--
E-SB-851-28	SB-851	24	28	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-24	SB-852	20	24	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-28	SB-852	24	28	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-30	SB-852	28	30	20110713	--	--	--	--	--	--	--	--	--
E-SB-853-20-24	SB-853	20	24	20110714	--	--	--	--	--	--	--	--	--
E-SB-853-24-28	SB-853	24	28	20110714	--	--	--	--	--	--	--	--	--
E-SB-853-28-30	SB-853	28	28.5	20110714	--	--	--	--	--	--	--	--	--
E-SB-854-24-28	SB-854	24	28	20110714	--	--	--	--	--	--	--	--	--
E-SB-855-24-28	SB-855	24	28	20110714	--	--	--	--	--	--	--	--	--
E-SB-856-28	SB-856	24	28	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-28	SB-857	24	28	20110713	--	--	--	--	--	--	--	--	--
E-SB-858-28	SB-858	24	28	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-28	SB-859	24	28	20110712	--	--	--	--	--	--	--	--	--
E-SB-983-22-24	E-SB-983	22	24	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-26-28	E-SB-983	26	28	20120719	--	--	--	--	--	--	--	--	--
E-SB-984-22-24	E-SB-984	22	24	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-26-28	E-SB-984	26	28	20120724	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-25	E-SB-1359	23	25	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-28	E-SB-1359	26	28	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-25	E-SB-1360	23	25	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1360-28	E-SB-1360	26	28	20140417	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-25	E-SB-1361	23	25	20140416	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-30	E-SB-1361	28	30	20140416	--	--	--	--	--	--	--	--	270 NJ

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILANAMINE, N-[2,6-DIMETHYL-4-[(TRIMETHY	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-CB-11A-22-24	E-CB-11A	22	24	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-26-28	E-CB-11A	26	28	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-22-24	E-CB-11B	22	24	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-26-28	E-CB-11B	26	28	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-28-30	E-CB-11B	28	30	20120719	--	0.7 U	0.63 U	0.39 U	1.5 U	0.41 U	0.59 U	0.34 U	0.43 U	1 U	0.19 U	0.31 U	0.74 U
E-CB-13-22-24	E-CB-13	22	24	20120720	--	0.98 U	0.88 U	0.54 U	2 U	0.57 U	0.82 U	0.47 U	0.6 U	1.4 U	0.27 U	0.43 U	1 U
E-CB-13-24-26	E-CB-13	24	26	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-28-30	E-CB-13	28	30	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-22-24	E-CB-2	22	24	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-26-28	E-CB-2	26	28	20120719	--	0.57 U	0.51 U	0.31 U	1.2 U	0.33 U	0.48 U	0.27 U	0.35 U	0.82 U	0.16 U	0.25 U	0.59 U
E-CB-2-28-30	E-CB-2	28	30	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1421-22-23	E-SB-1421	22	23	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1424-25-26	E-SB-1424	25	26	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1424-25-26-AVG	E-SB-1424	25	26	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1424-25-26-D	E-SB-1424	25	26	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1427-28-29	E-SB-1427	28	29	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-20-24	E-SB-1471	20	24	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-20-24	E-SB-1472	20	24	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22-AVG	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22-D	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-20-22	E-SB-1587	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-20-22	E-SB-1588	20	22	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-20-22	E-SB-1590	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-20-22	E-SB-1592	20	22	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-20-22	E-SB-1597	20	22	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-22-24	E-SB-1597	22	24	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-20-22	E-SB-1607	20	22	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-20-22	E-SB-1724	20	22	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-22-24	E-SB-1724	22	24	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-24-26	E-SB-1724	24	26	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-26-28	E-SB-1724	26	28	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-28-30	E-SB-1724	28	30	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-20-22	E-SB-1725	20	22	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-22-24	E-SB-1725	22	24	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-24-26	E-SB-1725	24	26	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-26-28	E-SB-1725	26	28	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-28-30	E-SB-1725	28	30	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-20-22	E-SB-1727	20	22	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-20-22	E-SB-1732	20	22	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-20-22	E-SB-1735	20	22	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-20-22	E-SB-1736	20	22	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24-AVG	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24-D	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-20-22	E-SB-1738	20	22	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-20-22	E-SB-1739	20	22	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-22-24	E-SB-1739	22	24	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-24-26	E-SB-1739	24	26	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-26-28	E-SB-1739	26	28	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-28-30	E-SB-1739	28	30	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-20-22	E-SB-1740	20	22	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-24	SB-848	20	24	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	SILANAMINE, N-[2,6-DIMETHYL-4-[(TRIMETHY	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE
					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-848-28	SB-848	24	28	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-30	SB-848	28	30	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-28	SB-849	24	28	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-24	SB-850	20	24	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-28	SB-850	24	28	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-30	SB-850	28	30	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-28	SB-851	24	28	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-24	SB-852	20	24	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-28	SB-852	24	28	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-30	SB-852	28	30	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-20-24	SB-853	20	24	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-24-28	SB-853	24	28	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-28-30	SB-853	28	28.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-24-28	SB-854	24	28	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-24-28	SB-855	24	28	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-28	SB-856	24	28	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-28	SB-857	24	28	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-28	SB-858	24	28	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-28	SB-859	24	28	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-22-24	E-SB-983	22	24	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-26-28	E-SB-983	26	28	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-22-24	E-SB-984	22	24	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-26-28	E-SB-984	26	28	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-25	E-SB-1359	23	25	20140417	--	0.56 U	0.5 U	0.31 U	1.2 U	0.32 U	0.47 U	0.27 U	0.34 U	0.81 U	0.15 U	0.24 U	0.59 U
MRC-E-SB-1359-28	E-SB-1359	26	28	20140417	--	0.59 U	0.53 U	0.32 U	1.2 U	0.34 U	0.49 U	0.28 U	0.36 U	0.85 U	0.16 U	0.26 U	0.62 U
MRC-E-SB-1360-25	E-SB-1360	23	25	20140417	--	0.59 U	0.53 U	0.32 U	1.2 U	0.34 U	0.49 U	0.28 U	0.36 U	0.85 U	0.16 U	0.26 U	0.62 U
MRC-E-SB-1360-28	E-SB-1360	26	28	20140417	--	8.4 U	19 U	8.2 U	36 U	16 U	17 U	9.3 U	9.3 U	19 U	0.16 U	6.8 U	4.6 U
MRC-E-SB-1361-25	E-SB-1361	23	25	20140416	--	16 U	36 U	15 U	67 U	29 U	31 U	17 U	17 U	36 U	0.29 U	13 U	8.6 U
MRC-E-SB-1361-30	E-SB-1361	28	30	20140416	1500 R	9.5 U	22 U	9.3 U	41 U	18 U	19 U	10 U	10 U	22 U	0.18 U	7.6 U	5.2 U

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-CB-11A-22-24	E-CB-11A	22	24	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-26-28	E-CB-11A	26	28	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-22-24	E-CB-11B	22	24	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-26-28	E-CB-11B	26	28	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-28-30	E-CB-11B	28	30	20120719	1.5 U	0.57 U	0.41 U	0.39 U	0.78 U	0.4 U	0.39 U	0.75 U	1.1 U	1.6 U	1.6 U	0.45 U	0.71 U	0.46 U
E-CB-13-22-24	E-CB-13	22	24	20120720	2 U	0.79 U	0.57 U	0.54 U	1.1 U	0.55 U	0.54 U	1 U	1.5 U	2.2 U	2.2 U	0.63 U	0.99 U	0.65 U
E-CB-13-24-26	E-CB-13	24	26	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-28-30	E-CB-13	28	30	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-22-24	E-CB-2	22	24	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-26-28	E-CB-2	26	28	20120719	1.2 U	0.46 U	0.33 U	0.31 U	0.63 U	0.32 U	0.31 U	0.6 U	0.86 U	1.3 U	1.3 UR	0.37 U	0.58 U	0.37 U
E-CB-2-28-30	E-CB-2	28	30	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1421-22-23	E-SB-1421	22	23	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1424-25-26	E-SB-1424	25	26	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1424-25-26-AVG	E-SB-1424	25	26	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1424-25-26-D	E-SB-1424	25	26	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1427-28-29	E-SB-1427	28	29	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-20-24	E-SB-1471	20	24	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-20-24	E-SB-1472	20	24	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22-AVG	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22-D	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-20-22	E-SB-1587	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-20-22	E-SB-1588	20	22	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-20-22	E-SB-1590	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-20-22	E-SB-1592	20	22	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-20-22	E-SB-1597	20	22	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-22-24	E-SB-1597	22	24	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-20-22	E-SB-1607	20	22	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-20-22	E-SB-1724	20	22	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-22-24	E-SB-1724	22	24	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-24-26	E-SB-1724	24	26	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-26-28	E-SB-1724	26	28	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-28-30	E-SB-1724	28	30	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-20-22	E-SB-1725	20	22	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-22-24	E-SB-1725	22	24	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-24-26	E-SB-1725	24	26	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-26-28	E-SB-1725	26	28	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-28-30	E-SB-1725	28	30	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-20-22	E-SB-1727	20	22	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-20-22	E-SB-1732	20	22	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-20-22	E-SB-1735	20	22	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-20-22	E-SB-1736	20	22	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24-AVG	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24-D	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-20-22	E-SB-1738	20	22	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-20-22	E-SB-1739	20	22	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-22-24	E-SB-1739	22	24	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-24-26	E-SB-1739	24	26	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-26-28	E-SB-1739	26	28	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-28-30	E-SB-1739	28	30	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-20-22	E-SB-1740	20	22	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-24	SB-848	20	24	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-848-28	SB-848	24	28	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-30	SB-848	28	30	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-28	SB-849	24	28	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-24	SB-850	20	24	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-28	SB-850	24	28	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-30	SB-850	28	30	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-28	SB-851	24	28	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-24	SB-852	20	24	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-28	SB-852	24	28	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-30	SB-852	28	30	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-20-24	SB-853	20	24	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-24-28	SB-853	24	28	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-28-30	SB-853	28	28.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-24-28	SB-854	24	28	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-24-28	SB-855	24	28	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-28	SB-856	24	28	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-28	SB-857	24	28	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-28	SB-858	24	28	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-28	SB-859	24	28	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-22-24	E-SB-983	22	24	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-26-28	E-SB-983	26	28	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-22-24	E-SB-984	22	24	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-26-28	E-SB-984	26	28	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-25	E-SB-1359	23	25	20140417	1.2 U	0.45 U	0.32 U	0.31 U	0.62 U	0.32 U	0.31 U	0.59 U	0.85 U	1.3 U	1.3 U	0.36 U	0.57 U	0.37 U
MRC-E-SB-1359-28	E-SB-1359	26	28	20140417	1.2 U	0.47 U	0.34 U	0.32 U	0.65 U	0.33 U	0.32 U	0.63 U	0.89 U	1.3 U	1.3 U	0.38 U	0.6 U	0.39 U
MRC-E-SB-1360-25	E-SB-1360	23	25	20140417	1.2 U	0.47 U	0.34 U	0.32 U	0.65 U	0.33 U	0.32 U	0.63 U	0.89 U	1.3 U	1.3 U	0.38 U	0.6 U	0.39 U
MRC-E-SB-1360-28	E-SB-1360	26	28	20140417	46 U	9.3 U	8 U	9.3 U	7.6 U	4.4 U	20 U	7.4 U	21 U	40 U	40 U	8.3 U	19 U	9.2 U
MRC-E-SB-1361-25	E-SB-1361	23	25	20140416	86 U	17 U	15 U	17 U	14 U	8.2 U	38 U	14 U	39 U	74 U	74 U	15 U	34 U	17 U
MRC-E-SB-1361-30	E-SB-1361	28	30	20140416	52 U	10 U	9 U	10 U	8.6 U	5 U	23 U	8.4 U	24 U	45 U	45 U	9.4 U	21 U	10 U

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-CB-11A-22-24	E-CB-11A	22	24	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-26-28	E-CB-11A	26	28	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-22-24	E-CB-11B	22	24	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-26-28	E-CB-11B	26	28	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-28-30	E-CB-11B	28	30	20120719	0.24 U	0.61 U	7.1 U	0.26 U	0.37 U	0.8 U	0.32 U	0.37 U	0.61 U	0.5 U	0.42 U	0.37 U	0.62 U
E-CB-13-22-24	E-CB-13	22	24	20120720	0.33 U	0.85 U	9.9 U	0.36 U	0.52 U	1.1 U	0.44 U	0.52 U	0.85 U	0.69 U	0.58 U	0.52 U	0.87 U
E-CB-13-24-26	E-CB-13	24	26	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-28-30	E-CB-13	28	30	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-22-24	E-CB-2	22	24	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-26-28	E-CB-2	26	28	20120719	0.19 U	0.49 U	5.8 U	0.21 U	0.3 U	0.65 U	0.26 U	0.3 U	0.49 U	0.4 U	0.34 U	0.3 U	0.5 U
E-CB-2-28-30	E-CB-2	28	30	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1421-22-23	E-SB-1421	22	23	20160308	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1424-25-26	E-SB-1424	25	26	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1424-25-26-AVG	E-SB-1424	25	26	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1424-25-26-D	E-SB-1424	25	26	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1427-28-29	E-SB-1427	28	29	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-20-24	E-SB-1471	20	24	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-20-24	E-SB-1472	20	24	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22-AVG	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22-D	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-20-22	E-SB-1587	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-20-22	E-SB-1588	20	22	20170206	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-20-22	E-SB-1590	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-20-22	E-SB-1592	20	22	20170131	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-20-22	E-SB-1597	20	22	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-22-24	E-SB-1597	22	24	20170111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-20-22	E-SB-1607	20	22	20170112	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-20-22	E-SB-1724	20	22	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-22-24	E-SB-1724	22	24	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-24-26	E-SB-1724	24	26	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-26-28	E-SB-1724	26	28	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-28-30	E-SB-1724	28	30	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-20-22	E-SB-1725	20	22	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-22-24	E-SB-1725	22	24	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-24-26	E-SB-1725	24	26	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-26-28	E-SB-1725	26	28	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-28-30	E-SB-1725	28	30	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-20-22	E-SB-1727	20	22	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-20-22	E-SB-1732	20	22	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-20-22	E-SB-1735	20	22	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-20-22	E-SB-1736	20	22	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24-AVG	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24-D	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-20-22	E-SB-1738	20	22	20171110	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-20-22	E-SB-1739	20	22	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-22-24	E-SB-1739	22	24	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-24-26	E-SB-1739	24	26	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-26-28	E-SB-1739	26	28	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-28-30	E-SB-1739	28	30	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-20-22	E-SB-1740	20	22	20171111	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-24	SB-848	20	24	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-848-28	SB-848	24	28	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-30	SB-848	28	30	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-28	SB-849	24	28	20110711	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-24	SB-850	20	24	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-28	SB-850	24	28	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-30	SB-850	28	30	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-28	SB-851	24	28	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-24	SB-852	20	24	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-28	SB-852	24	28	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-30	SB-852	28	30	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-20-24	SB-853	20	24	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-24-28	SB-853	24	28	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-28-30	SB-853	28	28.5	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-24-28	SB-854	24	28	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-24-28	SB-855	24	28	20110714	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-28	SB-856	24	28	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-28	SB-857	24	28	20110713	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-28	SB-858	24	28	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-28	SB-859	24	28	20110712	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-22-24	E-SB-983	22	24	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-26-28	E-SB-983	26	28	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-22-24	E-SB-984	22	24	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-26-28	E-SB-984	26	28	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-25	E-SB-1359	23	25	20140417	0.19 U	0.49 U	5.7 U	0.21 U	0.3 U	0.64 U	0.25 U	0.3 U	0.49 U	1.1 U	0.33 U	0.3 U	0.5 U
MRC-E-SB-1359-28	E-SB-1359	26	28	20140417	0.2 U	0.51 U	6 U	0.22 U	0.31 U	0.67 U	0.27 U	0.31 U	0.51 U	1.1 U	0.35 U	0.31 U	0.52 U
MRC-E-SB-1360-25	E-SB-1360	23	25	20140417	0.2 U	0.51 U	6 U	0.22 U	0.31 U	0.67 U	0.27 U	0.31 U	0.51 U	0.42 U	0.35 U	0.31 U	0.52 U
MRC-E-SB-1360-28	E-SB-1360	26	28	20140417	4.4 U	44 U	160 U	11 U	12 U	12 U	9.2 U	18 U	27 U	11 U	5.9 U	5.9 U	11 U
MRC-E-SB-1361-25	E-SB-1361	23	25	20140416	8.2 U	82 U	290 U	21 U	22 U	22 U	17 U	33 UJ	50 U	21 U	11 U	11 U	21 U
MRC-E-SB-1361-30	E-SB-1361	28	30	20140416	5 U	50 U	180 U	13 U	14 U	14 U	10 U	20 UJ	30 U	13 U	6.7 U	6.7 U	13 U

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-CB-11A-22-24	E-CB-11A	22	24	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-11A-26-28	E-CB-11A	26	28	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-11B-22-24	E-CB-11B	22	24	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-11B-26-28	E-CB-11B	26	28	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-11B-28-30	E-CB-11B	28	30	20120719	0.97 U	0.33 U	0.46 U	0.41 U	0.39 U	0.71 U	0.57 U	1.7 U	0.25 U	0.29 U
E-CB-13-22-24	E-CB-13	22	24	20120720	1.4 U	0.46 U	0.65 U	0.57 U	0.54 U	0.99 U	0.79 U	2.4 U	0.35 U	0.41 U
E-CB-13-24-26	E-CB-13	24	26	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-13-28-30	E-CB-13	28	30	20120720	--	--	--	--	--	--	--	--	--	--
E-CB-2-22-24	E-CB-2	22	24	20120719	--	--	--	--	--	--	--	--	--	--
E-CB-2-26-28	E-CB-2	26	28	20120719	0.79 U	0.27 U	0.37 U	0.33 U	0.31 U	0.58 U	0.46 U	1.4 U	0.2 U	0.24 U
E-CB-2-28-30	E-CB-2	28	30	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-1421-22-23	E-SB-1421	22	23	20160308	--	--	--	--	--	--	--	--	--	--
E-SB-1424-25-26	E-SB-1424	25	26	20160309	--	--	--	--	--	--	--	--	--	--
E-SB-1424-25-26-AVG	E-SB-1424	25	26	20160309	--	--	--	--	--	--	--	--	--	--
E-SB-1424-25-26-D	E-SB-1424	25	26	20160309	--	--	--	--	--	--	--	--	--	--
E-SB-1427-28-29	E-SB-1427	28	29	20160309	--	--	--	--	--	--	--	--	--	--
E-SB-1471-20-24	E-SB-1471	20	24	20160329	--	--	--	--	--	--	--	--	--	--
E-SB-1472-20-24	E-SB-1472	20	24	20160330	--	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22-AVG	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22-D	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1587-20-22	E-SB-1587	20	22	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1588-20-22	E-SB-1588	20	22	20170206	--	--	--	--	--	--	--	--	--	--
E-SB-1590-20-22	E-SB-1590	20	22	20170207	--	--	--	--	--	--	--	--	--	--
E-SB-1592-20-22	E-SB-1592	20	22	20170131	--	--	--	--	--	--	--	--	--	--
E-SB-1597-20-22	E-SB-1597	20	22	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1597-22-24	E-SB-1597	22	24	20170111	--	--	--	--	--	--	--	--	--	--
E-SB-1607-20-22	E-SB-1607	20	22	20170112	--	--	--	--	--	--	--	--	--	--
E-SB-1724-20-22	E-SB-1724	20	22	20171107	--	--	--	--	--	--	--	--	--	--
E-SB-1724-22-24	E-SB-1724	22	24	20171107	--	--	--	--	--	--	--	--	--	--
E-SB-1724-24-26	E-SB-1724	24	26	20171107	--	--	--	--	--	--	--	--	--	--
E-SB-1724-26-28	E-SB-1724	26	28	20171107	--	--	--	--	--	--	--	--	--	--
E-SB-1724-28-30	E-SB-1724	28	30	20171107	--	--	--	--	--	--	--	--	--	--
E-SB-1725-20-22	E-SB-1725	20	22	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1725-22-24	E-SB-1725	22	24	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1725-24-26	E-SB-1725	24	26	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1725-26-28	E-SB-1725	26	28	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1725-28-30	E-SB-1725	28	30	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1727-20-22	E-SB-1727	20	22	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1732-20-22	E-SB-1732	20	22	20171108	--	--	--	--	--	--	--	--	--	--
E-SB-1735-20-22	E-SB-1735	20	22	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1736-20-22	E-SB-1736	20	22	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24-AVG	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24-D	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1738-20-22	E-SB-1738	20	22	20171110	--	--	--	--	--	--	--	--	--	--
E-SB-1739-20-22	E-SB-1739	20	22	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1739-22-24	E-SB-1739	22	24	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1739-24-26	E-SB-1739	24	26	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1739-26-28	E-SB-1739	26	28	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1739-28-30	E-SB-1739	28	30	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-1740-20-22	E-SB-1740	20	22	20171111	--	--	--	--	--	--	--	--	--	--
E-SB-848-24	SB-848	20	24	20110711	--	--	--	--	--	--	--	--	--	--

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-848-28	SB-848	24	28	20110711	--	--	--	--	--	--	--	--	--	--
E-SB-848-30	SB-848	28	30	20110711	--	--	--	--	--	--	--	--	--	--
E-SB-849-28	SB-849	24	28	20110711	--	--	--	--	--	--	--	--	--	--
E-SB-850-24	SB-850	20	24	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-850-28	SB-850	24	28	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-850-30	SB-850	28	30	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-851-28	SB-851	24	28	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-852-24	SB-852	20	24	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-852-28	SB-852	24	28	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-852-30	SB-852	28	30	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-853-20-24	SB-853	20	24	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-853-24-28	SB-853	24	28	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-853-28-30	SB-853	28	28.5	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-854-24-28	SB-854	24	28	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-855-24-28	SB-855	24	28	20110714	--	--	--	--	--	--	--	--	--	--
E-SB-856-28	SB-856	24	28	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-857-28	SB-857	24	28	20110713	--	--	--	--	--	--	--	--	--	--
E-SB-858-28	SB-858	24	28	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-859-28	SB-859	24	28	20110712	--	--	--	--	--	--	--	--	--	--
E-SB-983-22-24	E-SB-983	22	24	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-983-26-28	E-SB-983	26	28	20120719	--	--	--	--	--	--	--	--	--	--
E-SB-984-22-24	E-SB-984	22	24	20120724	--	--	--	--	--	--	--	--	--	--
E-SB-984-26-28	E-SB-984	26	28	20120724	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-25	E-SB-1359	23	25	20140417	0.77 U	0.26 U	0.37 U	1.4 J	0.31 U	0.57 U	0.45 U	1.4 U	0.2 U	0.23 U
MRC-E-SB-1359-28	E-SB-1359	26	28	20140417	0.82 U	0.27 U	0.39 U	0.34 U	0.32 U	0.6 U	0.47 U	1.4 U	0.21 U	0.25 U
MRC-E-SB-1360-25	E-SB-1360	23	25	20140417	0.82 U	0.28 U	0.39 U	3 J	0.32 U	0.6 U	0.47 U	1.4 U	0.21 U	0.25 U
MRC-E-SB-1360-28	E-SB-1360	26	28	20140417	56 U	8.1 U	13 U	70 J	7.3 U	13 U	15 U	46 U	0.2 U	5 U
MRC-E-SB-1361-25	E-SB-1361	23	25	20140416	100 U	15 U	24 U	43 J	14 U	24 U	27 U	86 U	0.38 UJ	9.2 U
MRC-E-SB-1361-30	E-SB-1361	28	30	20140416	64 U	9.2 U	15 U	42 J	8.3 U	15 U	17 U	52 U	0.23 UJ	5.6 U

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-CB-11A-22-24	E-CB-11A	22	24	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-26-28	E-CB-11A	26	28	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-22-24	E-CB-11B	22	24	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-26-28	E-CB-11B	26	28	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-28-30	E-CB-11B	28	30	20120719	1.4 U	0.18 U	1.4 U	0.49 U	0.76 U	0.22 U	0.26 U	0.45 U	0.4 U	0.2 U	0.17 U
E-CB-13-22-24	E-CB-13	22	24	20120720	1.9 U	0.25 U	1.9 U	0.68 U	1.1 U	0.3 U	0.36 U	0.63 U	0.55 U	0.28 U	0.24 U
E-CB-13-24-26	E-CB-13	24	26	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-28-30	E-CB-13	28	30	20120720	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-22-24	E-CB-2	22	24	20120719	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-26-28	E-CB-2	26	28	20120719	1.1 U	0.15 U	1.1 U	0.39 U	0.61 U	0.17 U	0.21 U	0.37 U	0.32 U	0.16 U	0.14 U
E-CB-2-28-30	E-CB-2	28	30	20120719	--	--	--	--	--	--	--	--	--	--	--
E-SB-1421-22-23	E-SB-1421	22	23	20160308	--	--	--	--	--	--	--	--	--	--	--
E-SB-1424-25-26	E-SB-1424	25	26	20160309	--	--	--	--	--	--	--	--	--	--	--
E-SB-1424-25-26-AVG	E-SB-1424	25	26	20160309	--	--	--	--	--	--	--	--	--	--	--
E-SB-1424-25-26-D	E-SB-1424	25	26	20160309	--	--	--	--	--	--	--	--	--	--	--
E-SB-1427-28-29	E-SB-1427	28	29	20160309	--	--	--	--	--	--	--	--	--	--	--
E-SB-1471-20-24	E-SB-1471	20	24	20160329	--	--	--	--	--	--	--	--	--	--	--
E-SB-1472-20-24	E-SB-1472	20	24	20160330	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22-AVG	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22-D	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1587-20-22	E-SB-1587	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1588-20-22	E-SB-1588	20	22	20170206	--	--	--	--	--	--	--	--	--	--	--
E-SB-1590-20-22	E-SB-1590	20	22	20170207	--	--	--	--	--	--	--	--	--	--	--
E-SB-1592-20-22	E-SB-1592	20	22	20170131	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-20-22	E-SB-1597	20	22	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1597-22-24	E-SB-1597	22	24	20170111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1607-20-22	E-SB-1607	20	22	20170112	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-20-22	E-SB-1724	20	22	20171107	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-22-24	E-SB-1724	22	24	20171107	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-24-26	E-SB-1724	24	26	20171107	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-26-28	E-SB-1724	26	28	20171107	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-28-30	E-SB-1724	28	30	20171107	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-20-22	E-SB-1725	20	22	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-22-24	E-SB-1725	22	24	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-24-26	E-SB-1725	24	26	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-26-28	E-SB-1725	26	28	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-28-30	E-SB-1725	28	30	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1727-20-22	E-SB-1727	20	22	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1732-20-22	E-SB-1732	20	22	20171108	--	--	--	--	--	--	--	--	--	--	--
E-SB-1735-20-22	E-SB-1735	20	22	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-20-22	E-SB-1736	20	22	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24-AVG	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24-D	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1738-20-22	E-SB-1738	20	22	20171110	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-20-22	E-SB-1739	20	22	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-22-24	E-SB-1739	22	24	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-24-26	E-SB-1739	24	26	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-26-28	E-SB-1739	26	28	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1739-28-30	E-SB-1739	28	30	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-1740-20-22	E-SB-1740	20	22	20171111	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-24	SB-848	20	24	20110711	--	--	--	--	--	--	--	--	--	--	--

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-848-28	SB-848	24	28	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-848-30	SB-848	28	30	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-849-28	SB-849	24	28	20110711	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-24	SB-850	20	24	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-28	SB-850	24	28	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-850-30	SB-850	28	30	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-851-28	SB-851	24	28	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-24	SB-852	20	24	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-28	SB-852	24	28	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-852-30	SB-852	28	30	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-20-24	SB-853	20	24	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-24-28	SB-853	24	28	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-853-28-30	SB-853	28	28.5	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-854-24-28	SB-854	24	28	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-855-24-28	SB-855	24	28	20110714	--	--	--	--	--	--	--	--	--	--	--
E-SB-856-28	SB-856	24	28	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-857-28	SB-857	24	28	20110713	--	--	--	--	--	--	--	--	--	--	--
E-SB-858-28	SB-858	24	28	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-859-28	SB-859	24	28	20110712	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-22-24	E-SB-983	22	24	20120719	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-26-28	E-SB-983	26	28	20120719	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-22-24	E-SB-984	22	24	20120724	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-26-28	E-SB-984	26	28	20120724	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-25	E-SB-1359	23	25	20140417	1.1 U	0.14 U	1.1 U	0.39 U	0.6 U	0.17 U	0.21 U	0.36 U	0.32 U	0.16 U	0.14 U
MRC-E-SB-1359-28	E-SB-1359	26	28	20140417	1.1 U	0.15 U	1.1 U	0.41 U	0.64 U	0.18 U	0.22 U	0.38 U	0.33 U	0.17 U	0.14 U
MRC-E-SB-1360-25	E-SB-1360	23	25	20140417	1.1 U	0.15 U	1.1 U	0.41 U	0.85 U	0.18 U	0.22 U	0.38 U	0.33 U	0.17 U	0.14 U
MRC-E-SB-1360-28	E-SB-1360	26	28	20140417	13 U	6 U	5.7 U	6.6 U	71 U	6.2 U	7.4 U	13 U	7.9 U	4.4 U	7 U
MRC-E-SB-1361-25	E-SB-1361	23	25	20140416	24 U	11 U	11 U	12 U	140 U	11 U	14 U	24 U	15 U	8 U	9.6 U
MRC-E-SB-1361-30	E-SB-1361	28	30	20140416	15 U	6.8 U	6.5 U	7.4 U	82 U	7 U	8.4 U	15 U	8.9 U	4.9 U	5.9 U

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-CB-11A-22-24	E-CB-11A	22	24	20120720	--	--	--	--	--	--	--	--	--
E-CB-11A-26-28	E-CB-11A	26	28	20120720	--	--	--	--	--	--	--	--	--
E-CB-11B-22-24	E-CB-11B	22	24	20120719	--	--	--	--	--	--	--	--	--
E-CB-11B-26-28	E-CB-11B	26	28	20120719	--	--	--	--	--	--	--	--	--
E-CB-11B-28-30	E-CB-11B	28	30	20120719	0.42 U	0.33 U	8.6 UR	0.59 U	0.31 U	0.76 U	0.46 U	0.61 U	0.48 U
E-CB-13-22-24	E-CB-13	22	24	20120720	0.58 U	0.46 U	12 UR	0.82 U	0.43 U	1.1 U	0.65 U	0.85 U	0.66 U
E-CB-13-24-26	E-CB-13	24	26	20120720	--	--	--	--	--	--	--	--	--
E-CB-13-28-30	E-CB-13	28	30	20120720	--	--	--	--	--	--	--	--	--
E-CB-2-22-24	E-CB-2	22	24	20120719	--	--	--	--	--	--	--	--	--
E-CB-2-26-28	E-CB-2	26	28	20120719	0.34 U	0.27 U	6.9 UR	0.48 U	0.25 U	0.61 U	0.37 U	0.49 U	0.38 U
E-CB-2-28-30	E-CB-2	28	30	20120719	--	--	--	--	--	--	--	--	--
E-SB-1421-22-23	E-SB-1421	22	23	20160308	--	--	--	--	--	--	--	--	--
E-SB-1424-25-26	E-SB-1424	25	26	20160309	--	--	--	--	--	--	--	--	--
E-SB-1424-25-26-AVG	E-SB-1424	25	26	20160309	--	--	--	--	--	--	--	--	--
E-SB-1424-25-26-D	E-SB-1424	25	26	20160309	--	--	--	--	--	--	--	--	--
E-SB-1427-28-29	E-SB-1427	28	29	20160309	--	--	--	--	--	--	--	--	--
E-SB-1471-20-24	E-SB-1471	20	24	20160329	--	--	--	--	--	--	--	--	--
E-SB-1472-20-24	E-SB-1472	20	24	20160330	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22-AVG	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--
E-SB-1586-20-22-D	E-SB-1586	20	22	20170207	--	--	--	--	--	--	--	--	--
E-SB-1587-20-22	E-SB-1587	20	22	20170207	--	--	--	--	--	--	--	--	--
E-SB-1588-20-22	E-SB-1588	20	22	20170206	--	--	--	--	--	--	--	--	--
E-SB-1590-20-22	E-SB-1590	20	22	20170207	--	--	--	--	--	--	--	--	--
E-SB-1592-20-22	E-SB-1592	20	22	20170131	--	--	--	--	--	--	--	--	--
E-SB-1597-20-22	E-SB-1597	20	22	20170111	--	--	--	--	--	--	--	--	--
E-SB-1597-22-24	E-SB-1597	22	24	20170111	--	--	--	--	--	--	--	--	--
E-SB-1607-20-22	E-SB-1607	20	22	20170112	--	--	--	--	--	--	--	--	--
E-SB-1724-20-22	E-SB-1724	20	22	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-22-24	E-SB-1724	22	24	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-24-26	E-SB-1724	24	26	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-26-28	E-SB-1724	26	28	20171107	--	--	--	--	--	--	--	--	--
E-SB-1724-28-30	E-SB-1724	28	30	20171107	--	--	--	--	--	--	--	--	--
E-SB-1725-20-22	E-SB-1725	20	22	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-22-24	E-SB-1725	22	24	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-24-26	E-SB-1725	24	26	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-26-28	E-SB-1725	26	28	20171108	--	--	--	--	--	--	--	--	--
E-SB-1725-28-30	E-SB-1725	28	30	20171108	--	--	--	--	--	--	--	--	--
E-SB-1727-20-22	E-SB-1727	20	22	20171108	--	--	--	--	--	--	--	--	--
E-SB-1732-20-22	E-SB-1732	20	22	20171108	--	--	--	--	--	--	--	--	--
E-SB-1735-20-22	E-SB-1735	20	22	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-20-22	E-SB-1736	20	22	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24-AVG	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--
E-SB-1736-22-24-D	E-SB-1736	22	24	20171110	--	--	--	--	--	--	--	--	--
E-SB-1738-20-22	E-SB-1738	20	22	20171110	--	--	--	--	--	--	--	--	--
E-SB-1739-20-22	E-SB-1739	20	22	20171111	--	--	--	--	--	--	--	--	--
E-SB-1739-22-24	E-SB-1739	22	24	20171111	--	--	--	--	--	--	--	--	--
E-SB-1739-24-26	E-SB-1739	24	26	20171111	--	--	--	--	--	--	--	--	--
E-SB-1739-26-28	E-SB-1739	26	28	20171111	--	--	--	--	--	--	--	--	--
E-SB-1739-28-30	E-SB-1739	28	30	20171111	--	--	--	--	--	--	--	--	--
E-SB-1740-20-22	E-SB-1740	20	22	20171111	--	--	--	--	--	--	--	--	--
E-SB-848-24	SB-848	20	24	20110711	--	--	--	--	--	--	--	--	--

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
E-SB-848-28	SB-848	24	28	20110711	--	--	--	--	--	--	--	--	--
E-SB-848-30	SB-848	28	30	20110711	--	--	--	--	--	--	--	--	--
E-SB-849-28	SB-849	24	28	20110711	--	--	--	--	--	--	--	--	--
E-SB-850-24	SB-850	20	24	20110712	--	--	--	--	--	--	--	--	--
E-SB-850-28	SB-850	24	28	20110712	--	--	--	--	--	--	--	--	--
E-SB-850-30	SB-850	28	30	20110712	--	--	--	--	--	--	--	--	--
E-SB-851-28	SB-851	24	28	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-24	SB-852	20	24	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-28	SB-852	24	28	20110713	--	--	--	--	--	--	--	--	--
E-SB-852-30	SB-852	28	30	20110713	--	--	--	--	--	--	--	--	--
E-SB-853-20-24	SB-853	20	24	20110714	--	--	--	--	--	--	--	--	--
E-SB-853-24-28	SB-853	24	28	20110714	--	--	--	--	--	--	--	--	--
E-SB-853-28-30	SB-853	28	28.5	20110714	--	--	--	--	--	--	--	--	--
E-SB-854-24-28	SB-854	24	28	20110714	--	--	--	--	--	--	--	--	--
E-SB-855-24-28	SB-855	24	28	20110714	--	--	--	--	--	--	--	--	--
E-SB-856-28	SB-856	24	28	20110713	--	--	--	--	--	--	--	--	--
E-SB-857-28	SB-857	24	28	20110713	--	--	--	--	--	--	--	--	--
E-SB-858-28	SB-858	24	28	20110712	--	--	--	--	--	--	--	--	--
E-SB-859-28	SB-859	24	28	20110712	--	--	--	--	--	--	--	--	--
E-SB-983-22-24	E-SB-983	22	24	20120719	--	--	--	--	--	--	--	--	--
E-SB-983-26-28	E-SB-983	26	28	20120719	--	--	--	--	--	--	--	--	--
E-SB-984-22-24	E-SB-984	22	24	20120724	--	--	--	--	--	--	--	--	--
E-SB-984-26-28	E-SB-984	26	28	20120724	--	--	--	--	--	--	--	--	--
MRC-E-SB-1359-25	E-SB-1359	23	25	20140417	0.33 U	0.26 U	6.8 U	0.47 U	0.24 U	0.32 U	0.37 U	0.49 U	9.7
MRC-E-SB-1359-28	E-SB-1359	26	28	20140417	0.35 U	0.27 U	7.2 U	0.49 U	0.26 U	0.33 U	0.39 U	0.51 U	0.89 J
MRC-E-SB-1360-25	E-SB-1360	23	25	20140417	0.35 U	0.28 U	7.2 U	0.49 U	0.26 U	0.33 U	0.39 U	0.51 U	1000 J
MRC-E-SB-1360-28	E-SB-1360	26	28	20140417	0.34 U	6 U	220 U	11 U	16 U	5.7 U	8.5 U	19 U	5600
MRC-E-SB-1361-25	E-SB-1361	23	25	20140416	0.63 U	11 U	410 UJ	21 U	29 U	11 U	16 U	34 U	6300
MRC-E-SB-1361-30	E-SB-1361	28	30	20140416	0.39 U	6.8 U	250 UJ	13 U	18 U	6.5 U	9.6 U	21 U	5700 J

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
E-CB-11A-22-24	E-CB-11A	22	24	20120720	--	--	--	NORMAL
E-CB-11A-26-28	E-CB-11A	26	28	20120720	--	--	--	NORMAL
E-CB-11B-22-24	E-CB-11B	22	24	20120719	--	--	--	NORMAL
E-CB-11B-26-28	E-CB-11B	26	28	20120719	--	--	--	NORMAL
E-CB-11B-28-30	E-CB-11B	28	30	20120719	0.39 U	0.28 UR	0.44 U	NORMAL
E-CB-13-22-24	E-CB-13	22	24	20120720	0.54 U	0.39 UR	0.61 U	NORMAL
E-CB-13-24-26	E-CB-13	24	26	20120720	--	--	--	NORMAL
E-CB-13-28-30	E-CB-13	28	30	20120720	--	--	--	NORMAL
E-CB-2-22-24	E-CB-2	22	24	20120719	--	--	--	NORMAL
E-CB-2-26-28	E-CB-2	26	28	20120719	0.31 U	0.23 UR	0.36 U	NORMAL
E-CB-2-28-30	E-CB-2	28	30	20120719	--	--	--	NORMAL
E-SB-1421-22-23	E-SB-1421	22	23	20160308	--	--	--	NORMAL
E-SB-1424-25-26	E-SB-1424	25	26	20160309	--	--	--	NORMAL
E-SB-1424-25-26-AVG	E-SB-1424	25	26	20160309	--	--	--	NORMAL
E-SB-1424-25-26-D	E-SB-1424	25	26	20160309	--	--	--	NORMAL
E-SB-1427-28-29	E-SB-1427	28	29	20160309	--	--	--	NORMAL
E-SB-1471-20-24	E-SB-1471	20	24	20160329	--	--	--	NORMAL
E-SB-1472-20-24	E-SB-1472	20	24	20160330	--	--	--	NORMAL
E-SB-1586-20-22	E-SB-1586	20	22	20170207	--	--	--	NORMAL
E-SB-1586-20-22-AVG	E-SB-1586	20	22	20170207	--	--	--	NORMAL
E-SB-1586-20-22-D	E-SB-1586	20	22	20170207	--	--	--	NORMAL
E-SB-1587-20-22	E-SB-1587	20	22	20170207	--	--	--	NORMAL
E-SB-1588-20-22	E-SB-1588	20	22	20170206	--	--	--	NORMAL
E-SB-1590-20-22	E-SB-1590	20	22	20170207	--	--	--	NORMAL
E-SB-1592-20-22	E-SB-1592	20	22	20170131	--	--	--	NORMAL
E-SB-1597-20-22	E-SB-1597	20	22	20170111	--	--	--	NORMAL
E-SB-1597-22-24	E-SB-1597	22	24	20170111	--	--	--	NORMAL
E-SB-1607-20-22	E-SB-1607	20	22	20170112	--	--	--	NORMAL
E-SB-1724-20-22	E-SB-1724	20	22	20171107	--	--	--	NORMAL
E-SB-1724-22-24	E-SB-1724	22	24	20171107	--	--	--	NORMAL
E-SB-1724-24-26	E-SB-1724	24	26	20171107	--	--	--	NORMAL
E-SB-1724-26-28	E-SB-1724	26	28	20171107	--	--	--	NORMAL
E-SB-1724-28-30	E-SB-1724	28	30	20171107	--	--	--	NORMAL
E-SB-1725-20-22	E-SB-1725	20	22	20171108	--	--	--	NORMAL
E-SB-1725-22-24	E-SB-1725	22	24	20171108	--	--	--	NORMAL
E-SB-1725-24-26	E-SB-1725	24	26	20171108	--	--	--	NORMAL
E-SB-1725-26-28	E-SB-1725	26	28	20171108	--	--	--	NORMAL
E-SB-1725-28-30	E-SB-1725	28	30	20171108	--	--	--	NORMAL
E-SB-1727-20-22	E-SB-1727	20	22	20171108	--	--	--	NORMAL
E-SB-1732-20-22	E-SB-1732	20	22	20171108	--	--	--	NORMAL
E-SB-1735-20-22	E-SB-1735	20	22	20171110	--	--	--	NORMAL
E-SB-1736-20-22	E-SB-1736	20	22	20171110	--	--	--	NORMAL
E-SB-1736-22-24	E-SB-1736	22	24	20171110	--	--	--	NORMAL
E-SB-1736-22-24-AVG	E-SB-1736	22	24	20171110	--	--	--	NORMAL
E-SB-1736-22-24-D	E-SB-1736	22	24	20171110	--	--	--	NORMAL
E-SB-1738-20-22	E-SB-1738	20	22	20171110	--	--	--	NORMAL
E-SB-1739-20-22	E-SB-1739	20	22	20171111	--	--	--	NORMAL
E-SB-1739-22-24	E-SB-1739	22	24	20171111	--	--	--	NORMAL
E-SB-1739-24-26	E-SB-1739	24	26	20171111	--	--	--	NORMAL
E-SB-1739-26-28	E-SB-1739	26	28	20171111	--	--	--	NORMAL
E-SB-1739-28-30	E-SB-1739	28	30	20171111	--	--	--	NORMAL
E-SB-1740-20-22	E-SB-1740	20	22	20171111	--	--	--	NORMAL
E-SB-848-24	SB-848	20	24	20110711	--	--	--	NORMAL

APPENDIX TABLE E4
Subsurface Soil (21-30 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
E-SB-848-28	SB-848	24	28	20110711	--	--	--	NORMAL
E-SB-848-30	SB-848	28	30	20110711	--	--	--	NORMAL
E-SB-849-28	SB-849	24	28	20110711	--	--	--	NORMAL
E-SB-850-24	SB-850	20	24	20110712	--	--	--	NORMAL
E-SB-850-28	SB-850	24	28	20110712	--	--	--	NORMAL
E-SB-850-30	SB-850	28	30	20110712	--	--	--	NORMAL
E-SB-851-28	SB-851	24	28	20110713	--	--	--	NORMAL
E-SB-852-24	SB-852	20	24	20110713	--	--	--	NORMAL
E-SB-852-28	SB-852	24	28	20110713	--	--	--	NORMAL
E-SB-852-30	SB-852	28	30	20110713	--	--	--	NORMAL
E-SB-853-20-24	SB-853	20	24	20110714	--	--	--	NORMAL
E-SB-853-24-28	SB-853	24	28	20110714	--	--	--	NORMAL
E-SB-853-28-30	SB-853	28	28.5	20110714	--	--	--	NORMAL
E-SB-854-24-28	SB-854	24	28	20110714	--	--	--	NORMAL
E-SB-855-24-28	SB-855	24	28	20110714	--	--	--	NORMAL
E-SB-856-28	SB-856	24	28	20110713	--	--	--	NORMAL
E-SB-857-28	SB-857	24	28	20110713	--	--	--	NORMAL
E-SB-858-28	SB-858	24	28	20110712	--	--	--	NORMAL
E-SB-859-28	SB-859	24	28	20110712	--	--	--	NORMAL
E-SB-983-22-24	E-SB-983	22	24	20120719	--	--	--	NORMAL
E-SB-983-26-28	E-SB-983	26	28	20120719	--	--	--	NORMAL
E-SB-984-22-24	E-SB-984	22	24	20120724	--	--	--	NORMAL
E-SB-984-26-28	E-SB-984	26	28	20120724	--	--	--	NORMAL
MRC-E-SB-1359-25	E-SB-1359	23	25	20140417	0.31 U	0.23 U	0.35 U	NORMAL
MRC-E-SB-1359-28	E-SB-1359	26	28	20140417	0.32 U	0.24 U	0.37 U	NORMAL
MRC-E-SB-1360-25	E-SB-1360	23	25	20140417	0.32 U	0.24 U	0.37 U	NORMAL
MRC-E-SB-1360-28	E-SB-1360	26	28	20140417	15 U	21 U	17 U	NORMAL
MRC-E-SB-1361-25	E-SB-1361	23	25	20140416	27 U	39 U	31 U	NORMAL
MRC-E-SB-1361-30	E-SB-1361	28	30	20140416	17 U	24 U	19 U	NORMAL

Notes:

mg/kg	milligrams per kilogram
ug/kg	micrograms per kilogram
Pci/g	picocuries per gram
Pci/L	picocuries per liter
ug/L	micrograms per liter
mg/L	milligrams per liter
U	The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted detection limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the reporting limit).
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
UJ	The analyte was analyzed for, but was not detected. The reported detection limit is approximate and may be inaccurate or imprecise.
NJ	The analyte has been “tentatively identified” or “presumptively” as present and the associated numerical value is the estimated concentration in the sample.

R	The sample result (detected) is unusable due to the quality of the data generated because certain
UR	The sample result (nondetected) is unusable due to the quality of the data generated because
SS	Surface soil
SB	Soil boring
CB	Catch basin
RAD	Radiological sample
"D"	Field duplicate sample
AVG	Value is an average of initial and duplicate sample results.
BaPEq	Benzo(a)pyrene equivalents
PAH	Polycyclic aromatic hydrocarbons
PCB	Polychlorinated biphenyls
S.U.	A unitless scale of acidity (in pH)
TPH	Total petroleum hydrocarbons

APPENDIX TABLE E5
Subsurface Soil (31- 40 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS																	PCBS	PCBS
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	AROCLOR-1016	AROCLOR-1221
					METALS	METALS	METALS	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	PCBS	PCBS
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	UG/KG	UG/KG
E-CB-11A-32-34	E-CB-11A	32	34	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	19 U
E-CB-11A-36-38	E-CB-11A	36	38	20120720	0.35 UL	1.7 L	11 J	2.2	0.033 U	15	8.9	8.2	5.2	0.018 U	0.25 U	23	0.41 U	0.091 U	0.5 U	22	30	25 U	19 U
E-CB-11A-38-40	E-CB-11A	38	40	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	24 U	18 U
E-CB-11B-32-34	E-CB-11B	32	34	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	24 U	19 U
E-CB-11B-36-38	E-CB-11B	36	38	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	26 U	20 U
E-CB-11B-38-40	E-CB-11B	38	40	20120719	0.33 UL	0.55 J	8.2 J	0.7	0.03 U	8.3	3.3	12	3.2	0.019 U	0.23 U	8.2	0.38 U	0.084 U	0.46 U	17	12	26 U	20 U
E-CB-13-32-34	E-CB-13	32	34	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	24 U	18 U
E-CB-13-36-38	E-CB-13	36	38	20120720	0.35 UL	0.66 J	12 J	1.4	0.032 U	10	6.1	11	3.5	0.019 U	0.24 U	16	0.4 U	0.09 U	0.49 U	17	19	24 U	18 U
E-CB-13-38-40	E-CB-13	38	40	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	29 U	22 U
E-CB-2-32-34	E-CB-2	32	34	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	24 U	18 U
E-CB-2-36-38	E-CB-2	36	38	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	19 U
E-CB-2-38-40	E-CB-2	38	40	20120719	0.37 UL	0.78 J	7.6 J	0.68	0.034 U	10	4.3	6.6	2.3	0.019 U	0.26 U	10	0.43 U	0.095 U	0.52 U	15	14	25 U	19 U
E-SB-1430-31-32	E-SB-1430	31	32	20160309	--	4.5 J	73 J	--	0.4 J	17 J	--	--	27 J	0.059 U	--	--	0.38 UJ	0.07 UJ	--	--	--	140 U	190 U
E-SB-1433-34-35	E-SB-1433	34	35	20160309	--	3.7 J	28 J	--	0.24 J	16 J	--	--	20 J	0.059 U	--	--	0.37 UJ	0.069 UJ	--	--	--	14 U	19 U
E-SB-1436-37-38	E-SB-1436	37	38	20160310	--	3	70 J	--	0.5 U	19 J	--	--	21 J	0.2	--	--	0.38 U	0.07 U	--	--	--	14 U	18 U
E-SB-1724-30-32	E-SB-1724	30	32	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	29 U	28 U
E-SB-1724-32-34	E-SB-1724	32	34	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	27 U	26 U
E-SB-1724-34-36	E-SB-1724	34	36	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	29 U	28 U
E-SB-1724-36-38	E-SB-1724	36	38	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	28 U	26 U
E-SB-1724-38-40	E-SB-1724	38	40	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	27 U	26 U
E-SB-1725-30-32	E-SB-1725	30	32	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	29 U	27 U
E-SB-1725-32-34	E-SB-1725	32	34	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	29 U	28 U
E-SB-1725-34-36	E-SB-1725	34	36	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	29 U	28 U
E-SB-1725-36-38	E-SB-1725	36	38	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	28 U	27 U
E-SB-1725-38-40	E-SB-1725	38	40	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	28 U	27 U
E-SB-1731-32-34	E-SB-1731	32	34	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	29 U	27 U
E-SB-1731-34-36	E-SB-1731	34	36	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	29 U	28 U
E-SB-1731-36-38	E-SB-1731	36	38	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	28 U	27 U
E-SB-1731-38-40	E-SB-1731	38	40	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	29 U	28 U
E-SB-983-32-34	E-SB-983	32	34	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	19 U
E-SB-983-36-38	E-SB-983	36	38	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	19 U
E-SB-984-32-34	E-SB-984	32	34	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	25 U	19 U
E-SB-984-36-38	E-SB-984	36	38	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	24 U	19 U
MRC-E-SB-1361-35	E-SB-1361	32	35	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

APPENDIX TABLE E5
Subsurface Soil (31- 40 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PCBS (UG/KG)									PETROLEUM HYDROCARBONS							
					AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	TOTAL AROCLOR	TOTAL AROCLOR HALFND	TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT HALFND
					PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PETROLEUM HYDROCARBONS	PETROLEUM HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYC AROM HYDROC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/
E-CB-11A-32-34	E-CB-11A	32	34	20120720	16 U	15 U	20 U	20 U	20 U	--	--	0 U	67.5	--	--	--	--	--	--	--	--
E-CB-11A-36-38	E-CB-11A	36	38	20120720	16 U	15 U	20 U	20 U	20 U	--	--	0 U	67.5	54 U	11000 UJ	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9
E-CB-11A-38-40	E-CB-11A	38	40	20120720	16 U	15 U	20 U	20 U	20 U	--	--	0 U	66.5	--	--	--	--	--	--	--	--
E-CB-11B-32-34	E-CB-11B	32	34	20120719	16 U	15 U	20 U	20 U	20 U	--	--	0 U	67	--	--	--	--	--	--	--	--
E-CB-11B-36-38	E-CB-11B	36	38	20120719	17 U	16 U	21 U	21 U	21 U	--	--	0 U	71	--	--	--	--	--	--	--	--
E-CB-11B-38-40	E-CB-11B	38	40	20120719	17 U	16 U	21 U	21 U	21 U	--	--	0 U	71	56 U	11000 U	4 U	4 U	4 U	4 U	4 U	4
E-CB-13-32-34	E-CB-13	32	34	20120720	16 U	15 U	19 U	19 U	19 U	--	--	0 U	65	--	--	--	--	--	--	--	--
E-CB-13-36-38	E-CB-13	36	38	20120720	16 U	15 U	19 U	19 U	19 U	--	--	0 U	65	53 U	11000 UJ	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8
E-CB-13-38-40	E-CB-13	38	40	20120720	19 U	18 U	23 U	23 U	23 U	--	--	0 U	78.5	--	--	--	--	--	--	--	--
E-CB-2-32-34	E-CB-2	32	34	20120719	16 U	15 U	19 U	19 U	19 U	--	--	0 U	65	--	--	--	--	--	--	--	--
E-CB-2-36-38	E-CB-2	36	38	20120719	17 U	15 U	20 U	20 U	20 U	--	--	0 U	68	--	--	--	--	--	--	--	--
E-CB-2-38-40	E-CB-2	38	40	20120719	17 U	16 U	20 U	20 U	20 U	--	--	0 U	68.5	55 U	15000 B	4 U	4 U	4 U	4 U	4 U	4
E-SB-1430-31-32	E-SB-1430	31	32	20160309	240 U	130 U	95 U	170 U	1400	120 U	150 U	1400	2018	--	--	--	--	53	81	170	1054.6
E-SB-1433-34-35	E-SB-1433	34	35	20160309	24 U	13 U	9.5 U	17 U	39	12 U	15 U	39	100.8	--	--	--	--	25	48	110	661.62
E-SB-1436-37-38	E-SB-1436	37	38	20160310	23 U	13 U	9.2 U	16 U	410 J	12 U	15 U	410	470.1	--	--	--	--	140	79	350	2145.6
E-SB-1724-30-32	E-SB-1724	30	32	20171107	19 U	24 U	20 U	17 U	26 J	9.6 U	24 U	26	111.3	--	--	--	--	--	--	--	--
E-SB-1724-32-34	E-SB-1724	32	34	20171107	18 U	23 U	19 U	16 U	20 U	9 U	23 U	0 U	90.5	--	--	--	--	--	--	--	--
E-SB-1724-34-36	E-SB-1724	34	36	20171107	19 U	24 U	20 U	17 U	22 U	9.6 U	24 U	0 U	96.3	--	--	--	--	--	--	--	--
E-SB-1724-36-38	E-SB-1724	36	38	20171107	18 U	23 U	20 U	16 U	21 U	9.2 U	23 U	0 U	92.1	--	--	--	--	--	--	--	--
E-SB-1724-38-40	E-SB-1724	38	40	20171107	18 U	23 U	19 U	16 U	20 U	9 U	23 U	0 U	90.5	--	--	--	--	--	--	--	--
E-SB-1725-30-32	E-SB-1725	30	32	20171108	19 U	24 U	29 J	17 U	21 U	9.5 U	24 U	29	114.3	--	--	--	--	--	--	--	--
E-SB-1725-32-34	E-SB-1725	32	34	20171108	19 U	24 U	21 U	17 U	22 U	9.7 U	24 U	0 U	96.85	--	--	--	--	--	--	--	--
E-SB-1725-34-36	E-SB-1725	34	36	20171108	19 U	24 U	20 U	17 U	22 U	9.6 U	24 U	0 U	96.3	--	--	--	--	--	--	--	--
E-SB-1725-36-38	E-SB-1725	36	38	20171108	19 U	24 U	20 U	17 U	21 U	9.5 U	24 U	0 U	94.75	--	--	--	--	--	--	--	--
E-SB-1725-38-40	E-SB-1725	38	40	20171108	19 U	23 U	20 U	16 U	21 U	9.4 U	23 U	0 U	93.2	--	--	--	--	--	--	--	--
E-SB-1731-32-34	E-SB-1731	32	34	20171107	19 U	24 U	20 U	17 U	21 U	9.5 U	24 U	0 U	95.25	--	--	--	--	--	--	--	--
E-SB-1731-34-36	E-SB-1731	34	36	20171107	19 U	24 U	20 U	17 U	270	9.6 U	24 U	270	355.3	--	--	--	--	--	--	--	--
E-SB-1731-36-38	E-SB-1731	36	38	20171107	19 U	23 U	20 U	16 U	61	9.3 U	23 U	61	143.7	--	--	--	--	--	--	--	--
E-SB-1731-38-40	E-SB-1731	38	40	20171107	19 U	24 U	20 U	17 U	34 J	9.6 U	24 U	34	119.3	--	--	--	--	--	--	--	--
E-SB-983-32-34	E-SB-983	32	34	20120719	17 U	15 U	20 U	20 U	20 U	--	--	0 U	68	--	--	--	--	--	--	--	--
E-SB-983-36-38	E-SB-983	36	38	20120719	16 U	15 U	20 U	20 U	20 U	--	--	0 U	67.5	--	--	--	--	--	--	--	--
E-SB-984-32-34	E-SB-984	32	34	20120724	16 U	15 U	20 U	20 U	20 U	--	--	0 U	67.5	--	--	--	--	--	--	--	--
E-SB-984-36-38	E-SB-984	36	38	20120724	16 U	15 U	20 U	20 U	20 U	--	--	0 U	67	--	--	--	--	--	--	--	--
MRC-E-SB-1361-35	E-SB-1361	32	35	20140416	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

APPENDIX TABLE E5
Subsurface Soil (31- 40 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)													
					[illegible]	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE
					[illegible]YCLIC [illegible]MATIC [illegible]ARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS	POLYCYCLIC AROMATIC HYDROCARBONS
					[illegible]/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-CB-11A-32-34	E-CB-11A	32	34	20120720		--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-36-38	E-CB-11A	36	38	20120720	U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
E-CB-11A-38-40	E-CB-11A	38	40	20120720		--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-32-34	E-CB-11B	32	34	20120719		--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-36-38	E-CB-11B	36	38	20120719		--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-38-40	E-CB-11B	38	40	20120719	U	4 U	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U	4 U	4 U	4 U	4 U	4 U
E-CB-13-32-34	E-CB-13	32	34	20120720		--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-36-38	E-CB-13	36	38	20120720	U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
E-CB-13-38-40	E-CB-13	38	40	20120720		--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-32-34	E-CB-2	32	34	20120719		--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-36-38	E-CB-2	36	38	20120719		--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-38-40	E-CB-2	38	40	20120719	U	4 U	4 U	4 U	4 U	4 U	4 U	1.3 U	4 U	4 U	4 U	4 U	18	4 U
E-SB-1430-31-32	E-SB-1430	31	32	20160309		1053.8	780	820	1200	320	490	900	1.6 U	1300	76	300	43	960
E-SB-1433-34-35	E-SB-1433	34	35	20160309		661.62	430	450	460	360	210	520	93	660	37	270	28	370
E-SB-1436-37-38	E-SB-1436	37	38	20160310		2145.6	1600	1400	1900	1200	700	1600	290	2700	150	970	45	1600
E-SB-1724-30-32	E-SB-1724	30	32	20171107		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-32-34	E-SB-1724	32	34	20171107		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-34-36	E-SB-1724	34	36	20171107		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-36-38	E-SB-1724	36	38	20171107		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-38-40	E-SB-1724	38	40	20171107		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-30-32	E-SB-1725	30	32	20171108		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-32-34	E-SB-1725	32	34	20171108		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-34-36	E-SB-1725	34	36	20171108		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-36-38	E-SB-1725	36	38	20171108		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-38-40	E-SB-1725	38	40	20171108		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-32-34	E-SB-1731	32	34	20171107		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-34-36	E-SB-1731	34	36	20171107		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-36-38	E-SB-1731	36	38	20171107		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-38-40	E-SB-1731	38	40	20171107		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-32-34	E-SB-983	32	34	20120719		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-36-38	E-SB-983	36	38	20120719		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-32-34	E-SB-984	32	34	20120724		--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-36-38	E-SB-984	36	38	20120724		--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-35	E-SB-1361	32	35	20140416		--	--	--	--	--	--	--	--	--	--	--	--	--

APPENDIX TABLE E5
Subsurface Soil (31- 40 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PYRENE	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE
					POLYCYCLIC AROMATIC HYDROCARBONS	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-CB-11A-32-34	E-CB-11A	32	34	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-36-38	E-CB-11A	36	38	20120720	3.9 U	0.58 U	0.52 U	0.32 U	1.2 U	0.34 U	0.49 U	0.28 U	0.36 U	0.84 U	0.16 U	0.25 U	0.61 U	1.2 U	0.47 U
E-CB-11A-38-40	E-CB-11A	38	40	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-32-34	E-CB-11B	32	34	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-36-38	E-CB-11B	36	38	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-38-40	E-CB-11B	38	40	20120719	4 U	0.64 U	0.58 U	0.35 U	1.3 U	0.37 U	0.54 U	0.31 U	0.39 U	0.93 U	0.18 U	0.28 U	0.67 U	1.3 U	0.52 U
E-CB-13-32-34	E-CB-13	32	34	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-36-38	E-CB-13	36	38	20120720	3.8 U	0.57 U	0.52 U	0.31 U	1.2 U	0.33 U	0.48 U	0.28 U	0.35 U	0.83 U	0.16 U	0.25 U	0.6 U	1.2 U	0.46 U
E-CB-13-38-40	E-CB-13	38	40	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-32-34	E-CB-2	32	34	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-36-38	E-CB-2	36	38	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-38-40	E-CB-2	38	40	20120719	4 U	0.54 U	0.49 U	0.3 U	1.1 U	0.31 U	0.45 U	0.26 U	0.33 U	0.79 U	0.15 U	0.24 U	0.57 U	1.1 U	0.44 U
E-SB-1430-31-32	E-SB-1430	31	32	20160309	1900	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1433-34-35	E-SB-1433	34	35	20160309	990	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1436-37-38	E-SB-1436	37	38	20160310	2900	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-30-32	E-SB-1724	30	32	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-32-34	E-SB-1724	32	34	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-34-36	E-SB-1724	34	36	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-36-38	E-SB-1724	36	38	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-38-40	E-SB-1724	38	40	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-30-32	E-SB-1725	30	32	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-32-34	E-SB-1725	32	34	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-34-36	E-SB-1725	34	36	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-36-38	E-SB-1725	36	38	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-38-40	E-SB-1725	38	40	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-32-34	E-SB-1731	32	34	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-34-36	E-SB-1731	34	36	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-36-38	E-SB-1731	36	38	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-38-40	E-SB-1731	38	40	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-32-34	E-SB-983	32	34	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-36-38	E-SB-983	36	38	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-32-34	E-SB-984	32	34	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-36-38	E-SB-984	36	38	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-35	E-SB-1361	32	35	20140416	--	0.52 U	0.47 U	0.28 U	1.9 J	0.3 U	2.9 J	0.25 U	0.32 U	0.75 U	0.14 U	0.23 U	0.54 U	1.1 U	0.42 U

APPENDIX TABLE E5
Subsurface Soil (31- 40 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-CB-11A-32-34	E-CB-11A	32	34	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-36-38	E-CB-11A	36	38	20120720	0.34 U	0.32 U	0.65 U	0.33 U	0.32 U	0.62 U	0.88 U	1.3 U	1.3 U	0.37 U	0.59 U	0.38 U	0.2 U	0.5 U	21	0.22 U
E-CB-11A-38-40	E-CB-11A	38	40	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-32-34	E-CB-11B	32	34	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-36-38	E-CB-11B	36	38	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-38-40	E-CB-11B	38	40	20120719	0.37 U	0.35 U	0.72 U	0.36 U	0.35 U	0.68 U	0.97 U	1.5 U	1.5 U	0.41 U	0.65 U	0.43 U	0.22 U	0.56 U	13 J	0.24 U
E-CB-13-32-34	E-CB-13	32	34	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-36-38	E-CB-13	36	38	20120720	0.33 U	0.31 U	0.64 U	0.32 U	0.31 U	0.61 U	0.87 U	1.3 U	1.3 U	0.37 U	0.58 U	0.38 U	0.19 U	0.5 U	11 J	0.21 U
E-CB-13-38-40	E-CB-13	38	40	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-32-34	E-CB-2	32	34	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-36-38	E-CB-2	36	38	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-38-40	E-CB-2	38	40	20120719	0.31 U	0.3 U	0.6 U	0.31 U	0.3 U	0.58 U	0.82 U	1.2 U	1.2 UR	0.35 U	0.55 U	0.36 U	0.18 U	0.47 U	5.5 U	0.2 U
E-SB-1430-31-32	E-SB-1430	31	32	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1433-34-35	E-SB-1433	34	35	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1436-37-38	E-SB-1436	37	38	20160310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-30-32	E-SB-1724	30	32	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-32-34	E-SB-1724	32	34	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-34-36	E-SB-1724	34	36	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-36-38	E-SB-1724	36	38	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-38-40	E-SB-1724	38	40	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-30-32	E-SB-1725	30	32	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-32-34	E-SB-1725	32	34	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-34-36	E-SB-1725	34	36	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-36-38	E-SB-1725	36	38	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-38-40	E-SB-1725	38	40	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-32-34	E-SB-1731	32	34	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-34-36	E-SB-1731	34	36	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-36-38	E-SB-1731	36	38	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-38-40	E-SB-1731	38	40	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-32-34	E-SB-983	32	34	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-36-38	E-SB-983	36	38	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-32-34	E-SB-984	32	34	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-36-38	E-SB-984	36	38	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-35	E-SB-1361	32	35	20140416	0.3 U	0.28 U	0.58 U	0.29 U	0.28 U	0.55 U	0.79 U	1.2 U	1.2 U	0.33 U	0.53 U	0.34 U	0.18 U	0.45 U	7.3 J	0.19 U

APPENDIX TABLE E5
Subsurface Soil (31- 40 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	VOLATILES (UG/KG)														
					BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-CB-11A-32-34	E-CB-11A	32	34	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-36-38	E-CB-11A	36	38	20120720	0.31 U	0.66 U	0.26 U	0.31 U	0.5 U	0.41 U	0.35 U	0.31 U	0.51 U	0.8 U	0.27 U	0.38 U	0.34 U	0.32 U	0.59 U
E-CB-11A-38-40	E-CB-11A	38	40	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-32-34	E-CB-11B	32	34	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-36-38	E-CB-11B	36	38	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-38-40	E-CB-11B	38	40	20120719	0.34 U	0.74 U	0.29 U	0.34 U	0.56 U	0.46 U	0.38 U	0.34 U	0.57 U	0.89 U	0.3 U	0.43 U	0.37 U	0.35 U	0.65 U
E-CB-13-32-34	E-CB-13	32	34	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-36-38	E-CB-13	36	38	20120720	0.31 U	0.66 U	0.26 U	0.31 U	0.5 U	0.41 U	0.34 U	0.31 U	0.51 U	0.8 U	0.27 U	0.38 U	0.33 U	0.31 U	0.58 U
E-CB-13-38-40	E-CB-13	38	40	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-32-34	E-CB-2	32	34	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-36-38	E-CB-2	36	38	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-38-40	E-CB-2	38	40	20120719	0.29 U	0.62 U	0.24 U	0.29 U	0.47 U	0.38 U	0.32 U	0.29 U	0.48 U	0.75 U	0.25 U	0.36 U	0.31 U	0.3 U	0.55 U
E-SB-1430-31-32	E-SB-1430	31	32	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1433-34-35	E-SB-1433	34	35	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1436-37-38	E-SB-1436	37	38	20160310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-30-32	E-SB-1724	30	32	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-32-34	E-SB-1724	32	34	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-34-36	E-SB-1724	34	36	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-36-38	E-SB-1724	36	38	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-38-40	E-SB-1724	38	40	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-30-32	E-SB-1725	30	32	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-32-34	E-SB-1725	32	34	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-34-36	E-SB-1725	34	36	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-36-38	E-SB-1725	36	38	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-38-40	E-SB-1725	38	40	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-32-34	E-SB-1731	32	34	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-34-36	E-SB-1731	34	36	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-36-38	E-SB-1731	36	38	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-38-40	E-SB-1731	38	40	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-32-34	E-SB-983	32	34	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-36-38	E-SB-983	36	38	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-32-34	E-SB-984	32	34	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-36-38	E-SB-984	36	38	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-35	E-SB-1361	32	35	20140416	0.28 U	0.59 U	0.23 U	0.28 UJ	0.45 U	0.37 U	0.31 U	0.28 U	0.46 U	0.72 U	1.7 J	0.34 U	6.8	0.28 U	0.53 U

APPENDIX TABLE E5
Subsurface Soil (31- 40 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-CB-11A-32-34	E-CB-11A	32	34	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-36-38	E-CB-11A	36	38	20120720	0.47 U	1.4 U	0.21 U	0.24 U	1.1 U	0.15 U	1.1 U	0.4 U	0.63 U	0.18 U	0.22 U	0.37 U	0.33 U	0.17 U
E-CB-11A-38-40	E-CB-11A	38	40	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-32-34	E-CB-11B	32	34	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-36-38	E-CB-11B	36	38	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11B-38-40	E-CB-11B	38	40	20120719	0.52 U	1.6 U	0.23 U	0.27 U	1.2 U	0.17 U	1.2 U	0.45 U	0.69 U	0.2 U	0.24 U	0.41 U	0.36 U	0.19 U
E-CB-13-32-34	E-CB-13	32	34	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-36-38	E-CB-13	36	38	20120720	0.46 U	1.4 U	0.2 U	0.24 U	1.1 U	0.15 U	1.1 U	0.4 U	0.62 U	0.18 U	0.21 U	0.37 U	0.32 U	0.17 U
E-CB-13-38-40	E-CB-13	38	40	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-32-34	E-CB-2	32	34	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-36-38	E-CB-2	36	38	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-38-40	E-CB-2	38	40	20120719	0.44 U	1.3 U	0.19 U	0.23 U	1 U	0.14 U	1 U	0.38 U	0.58 U	0.17 U	0.2 U	0.35 U	0.31 U	0.16 U
E-SB-1430-31-32	E-SB-1430	31	32	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1433-34-35	E-SB-1433	34	35	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1436-37-38	E-SB-1436	37	38	20160310	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-30-32	E-SB-1724	30	32	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-32-34	E-SB-1724	32	34	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-34-36	E-SB-1724	34	36	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-36-38	E-SB-1724	36	38	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1724-38-40	E-SB-1724	38	40	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-30-32	E-SB-1725	30	32	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-32-34	E-SB-1725	32	34	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-34-36	E-SB-1725	34	36	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-36-38	E-SB-1725	36	38	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1725-38-40	E-SB-1725	38	40	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-32-34	E-SB-1731	32	34	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-34-36	E-SB-1731	34	36	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-36-38	E-SB-1731	36	38	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-1731-38-40	E-SB-1731	38	40	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-32-34	E-SB-983	32	34	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-983-36-38	E-SB-983	36	38	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-32-34	E-SB-984	32	34	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SB-984-36-38	E-SB-984	36	38	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1361-35	E-SB-1361	32	35	20140416	0.42 U	1.3 U	0.18 UJ	0.22 U	1 U	0.13 U	1 U	0.36 U	3.7 J	0.16 U	0.19 U	0.33 U	0.29 U	0.15 U

APPENDIX TABLE E5
Subsurface Soil (31- 40 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
E-CB-11A-32-34	E-CB-11A	32	34	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-CB-11A-36-38	E-CB-11A	36	38	20120720	0.14 U	0.35 U	0.27 U	7.1 UR	0.49 U	0.4 J	0.63 U	0.38 U	0.5 U	0.39 U	0.32 U	0.23 UR	0.36 U	NORMA
E-CB-11A-38-40	E-CB-11A	38	40	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-CB-11B-32-34	E-CB-11B	32	34	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-CB-11B-36-38	E-CB-11B	36	38	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-CB-11B-38-40	E-CB-11B	38	40	20120719	0.16 U	0.38 U	0.3 U	7.9 UR	0.54 U	0.28 U	0.69 U	0.43 U	0.56 U	0.44 U	0.35 U	0.26 UR	0.4 U	NORMA
E-CB-13-32-34	E-CB-13	32	34	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-CB-13-36-38	E-CB-13	36	38	20120720	0.14 U	0.34 U	0.27 U	7 UR	0.48 U	0.25 U	0.62 U	0.38 U	0.5 U	0.39 U	0.31 U	0.23 UR	0.36 U	NORMA
E-CB-13-38-40	E-CB-13	38	40	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-CB-2-32-34	E-CB-2	32	34	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-CB-2-36-38	E-CB-2	36	38	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-CB-2-38-40	E-CB-2	38	40	20120719	0.13 U	0.32 U	0.25 U	6.6 UR	0.45 U	0.24 U	0.58 U	0.36 U	0.47 U	0.37 U	0.3 U	0.22 UR	0.34 U	NORMA
E-SB-1430-31-32	E-SB-1430	31	32	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-SB-1433-34-35	E-SB-1433	34	35	20160309	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-SB-1436-37-38	E-SB-1436	37	38	20160310	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-SB-1724-30-32	E-SB-1724	30	32	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-SB-1724-32-34	E-SB-1724	32	34	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-SB-1724-34-36	E-SB-1724	34	36	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-SB-1724-36-38	E-SB-1724	36	38	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-SB-1724-38-40	E-SB-1724	38	40	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-SB-1725-30-32	E-SB-1725	30	32	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-SB-1725-32-34	E-SB-1725	32	34	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-SB-1725-34-36	E-SB-1725	34	36	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-SB-1725-36-38	E-SB-1725	36	38	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-SB-1725-38-40	E-SB-1725	38	40	20171108	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-SB-1731-32-34	E-SB-1731	32	34	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-SB-1731-34-36	E-SB-1731	34	36	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-SB-1731-36-38	E-SB-1731	36	38	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-SB-1731-38-40	E-SB-1731	38	40	20171107	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-SB-983-32-34	E-SB-983	32	34	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-SB-983-36-38	E-SB-983	36	38	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-SB-984-32-34	E-SB-984	32	34	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
E-SB-984-36-38	E-SB-984	36	38	20120724	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMA
MRC-E-SB-1361-35	E-SB-1361	32	35	20140416	0.13 U	0.31 U	0.24 U	6.4 UJ	0.44 U	0.23 U	0.29 U	0.34 U	0.45 U	2800 J	0.28 U	0.21 UJ	0.33 U	NORMA

Notes:

mg/kg milligrams per kilogram
ug/kg micrograms per kilogram
Pci/g picocuries per gram
Pci/L picocuries per liter
ug/L micrograms per liter
mg/L milligrams per liter
U The analyte was analyzed for, but was not detected at a level greater than or equal
J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the reporting limit).
J+ The result is an estimated quantity, but the result may be biased high.
J- The result is an estimated quantity, but the result may be biased low.

UJ The analyte was analyzed for, but was not detected. The reported detection limit is
AVG Value is an average of initial and duplicate sample results.
R The sample result (detected) is unusable due to the quality of the data generated
UR The sample result (nondetected) is unusable due to the quality of the data
SS Surface soil
SB Soil boring
CB Catch basin
RAD Radiological sample
NJ The analyte has been “tentatively identified” or “presumptively” as present and the associated numerical value is the estimated concentration in the sample.

"D" Field duplicate sample

PCB Polychlorinated biphenyls
S.U. A unitless scale of acidity (in pH)
TPH Total petroleum hydrocarbons
BaPEq Benzo(a)pyrene equivalents
PAH Polycyclic aromatic hydrocarbons

Appendix Table E-6
Subsurface Soil (Depth >40 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG)												
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)
					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
E-CB-11A-42-44	E-CB-11A	42	44	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-46-48	E-CB-11A	46	48	20120720	0.37 UL	1.5 L	14 J	2.5	0.034 U	15	8.7	15	5.7	0.02 U	0.33 J	19	0.43 U
E-CB-11A-48-50	E-CB-11A	48	50	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-40-42	E-CB-13	40	42	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-42-44	E-CB-13	42	44	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-44-46	E-CB-13	44	46	20120720	0.4 UL	0.63 J	11 J	1.1	0.037 U	10	4.7	10	3.6	0.019 U	0.28 U	9.9	0.46 U
E-CB-2-42-44	E-CB-2	42	44	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-46-48	E-CB-2	46	48	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-48-50	E-CB-2	48	50	20120719	0.35 UL	0.55 J	6.7 J	0.35 J	0.032 U	13	3.2	3.9	2.4	0.018 U	0.24 U	6.5	0.4 U

Appendix Table E-6
Subsurface Soil (Depth >40 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE					PCBS (UG/KG)								
					SILVER	THALLIUM	VANADIUM	ZINC	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	TOTAL AROCLOR	TOTAL AROCLOR HALFND
					METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	METALS (MG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)	PCBS (UG/KG)
					MG/KG	MG/KG	MG/KG	MG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-CB-11A-42-44	E-CB-11A	42	44	20120720	--	--	--	--	24 U	18 U	16 U	15 U	20 U	20 U	20 U	0 U	66.5
E-CB-11A-46-48	E-CB-11A	46	48	20120720	0.095 U	0.52 U	21	32	24 U	18 U	16 U	15 U	20 U	20 U	20 U	0 U	66.5
E-CB-11A-48-50	E-CB-11A	48	50	20120720	--	--	--	--	25 U	19 U	17 U	16 U	21 U	21 U	21 U	0 U	70
E-CB-13-40-42	E-CB-13	40	42	20120720	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U	0 U	68
E-CB-13-42-44	E-CB-13	42	44	20120720	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U	0 U	68
E-CB-13-44-46	E-CB-13	44	46	20120720	0.1 U	0.57 U	18	15	25 U	19 U	17 U	16 U	21 U	21 U	21 U	0 U	70
E-CB-2-42-44	E-CB-2	42	44	20120719	--	--	--	--	25 U	19 U	17 U	15 U	20 U	20 U	20 U	0 U	68
E-CB-2-46-48	E-CB-2	46	48	20120719	--	--	--	--	25 U	19 U	17 U	16 U	20 U	20 U	20 U	0 U	68.5
E-CB-2-48-50	E-CB-2	48	50	20120719	0.089 U	0.49 U	14	10	25 U	19 U	17 U	16 U	21 U	21 U	21 U	0 U	70

Appendix Table E-6
Subsurface Soil (Depth >40 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	PETROLEUM HYDROCARBONS (UG/KG)		POLYCYCLIC AROMATIC HYDROCARBONS (UG										
					TPH (C06-C10)	TPH (C10-C32)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
					PETROLEUM	PETROLEUM	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-CB-11A-42-44	E-CB-11A	42	44	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-46-48	E-CB-11A	46	48	20120720	53 U	11000 UJ	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
E-CB-11A-48-50	E-CB-11A	48	50	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-40-42	E-CB-13	40	42	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-42-44	E-CB-13	42	44	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-44-46	E-CB-13	44	46	20120720	55 U	11000 UJ	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
E-CB-2-42-44	E-CB-2	42	44	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-46-48	E-CB-2	46	48	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-48-50	E-CB-2	48	50	20120719	55 U	17000 B	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U

Appendix Table E-6
Subsurface Soil (Depth >40 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	/KG) BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE
					POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	POLYCYCLIC	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-CB-11A-42-44	E-CB-11A	42	44	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-46-48	E-CB-11A	46	48	20120720	3.8 U	1.3 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	0.74 U	0.67 U	0.41 U	1.6 U
E-CB-11A-48-50	E-CB-11A	48	50	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-40-42	E-CB-13	40	42	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-42-44	E-CB-13	42	44	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-44-46	E-CB-13	44	46	20120720	3.9 U	1.3 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	0.63 U	0.57 U	0.34 U	1.3 U
E-CB-2-42-44	E-CB-2	42	44	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-46-48	E-CB-2	46	48	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-48-50	E-CB-2	48	50	20120719	4 U	1.3 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	0.58 U	0.52 U	0.32 U	1.2 U

Appendix Table E-6
Subsurface Soil (Depth >40 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-CB-11A-42-44	E-CB-11A	42	44	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-46-48	E-CB-11A	46	48	20120720	0.43 U	0.62 U	0.36 U	0.46 U	1.1 U	0.2 U	0.32 U	0.78 U	1.6 U	0.6 U	0.43 U	0.41 U	0.83 U
E-CB-11A-48-50	E-CB-11A	48	50	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-40-42	E-CB-13	40	42	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-42-44	E-CB-13	42	44	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-44-46	E-CB-13	44	46	20120720	0.37 U	0.53 U	0.3 U	0.39 U	0.91 U	0.17 U	0.27 U	0.66 U	1.3 U	0.51 U	0.37 U	0.34 U	0.7 U
E-CB-2-42-44	E-CB-2	42	44	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-46-48	E-CB-2	46	48	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-48-50	E-CB-2	48	50	20120719	0.33 U	0.48 U	0.28 U	0.35 U	0.83 U	0.16 U	0.25 U	0.6 U	1.2 U	0.46 U	0.33 U	0.32 U	0.64 U

Appendix Table E-6
Subsurface Soil (Depth >40 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	BENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-CB-11A-42-44	E-CB-11A	42	44	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-46-48	E-CB-11A	46	48	20120720	0.42 U	0.41 U	0.79 U	1.1 U	1.7 U	1.7 U	0.48 U	0.76 U	0.49 U	0.25 U	0.65 U	24	0.28 U
E-CB-11A-48-50	E-CB-11A	48	50	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-40-42	E-CB-13	40	42	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-42-44	E-CB-13	42	44	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-44-46	E-CB-13	44	46	20120720	0.35 U	0.34 U	0.67 U	0.95 U	1.4 U	1.4 U	0.41 U	0.64 U	0.42 U	0.21 U	0.55 U	6.4 U	0.23 U
E-CB-2-42-44	E-CB-2	42	44	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-46-48	E-CB-2	46	48	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-48-50	E-CB-2	48	50	20120719	0.32 U	0.32 U	0.61 U	0.87 U	1.4 J	1.3 UR	0.37 U	0.58 U	0.38 U	0.19 U	0.5 U	24	0.21 U

Appendix Table E-6
Subsurface Soil (Depth >40 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	VOLATILES (UG/KG)											
					BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-CB-11A-42-44	E-CB-11A	42	44	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-46-48	E-CB-11A	46	48	20120720	0.4 U	0.85 U	0.34 U	0.4 U	0.65 U	0.53 U	0.44 U	0.4 U	0.66 U	1 U	0.35 U	0.49 U	0.43 U
E-CB-11A-48-50	E-CB-11A	48	50	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-40-42	E-CB-13	40	42	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-42-44	E-CB-13	42	44	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-44-46	E-CB-13	44	46	20120720	0.33 U	0.72 U	0.28 U	0.33 U	0.55 U	0.45 U	0.38 U	0.33 U	0.56 U	0.87 U	0.29 U	0.42 U	0.37 U
E-CB-2-42-44	E-CB-2	42	44	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-46-48	E-CB-2	46	48	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-48-50	E-CB-2	48	50	20120719	0.31 U	0.66 U	0.26 U	0.31 U	0.5 U	0.41 U	0.34 U	0.31 U	0.51 U	0.8 U	0.27 U	0.38 U	0.33 U

Appendix Table E-6
Subsurface Soil (Depth >40 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	CIS-1,3-DICHLOROPROPENE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-CB-11A-42-44	E-CB-11A	42	44	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-46-48	E-CB-11A	46	48	20120720	0.41 U	0.76 U	0.6 U	1.8 U	0.26 U	0.31 U	1.4 U	0.19 U	1.4 U	0.52 U	0.8 U	0.23 U	0.28 U
E-CB-11A-48-50	E-CB-11A	48	50	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-40-42	E-CB-13	40	42	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-42-44	E-CB-13	42	44	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-44-46	E-CB-13	44	46	20120720	0.34 U	0.64 U	0.51 U	1.5 U	0.22 U	0.26 U	1.2 U	0.16 U	1.2 U	0.44 U	0.68 U	0.19 U	0.23 U
E-CB-2-42-44	E-CB-2	42	44	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-46-48	E-CB-2	46	48	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-48-50	E-CB-2	48	50	20120719	0.32 U	0.58 U	0.46 U	1.4 U	0.2 U	0.24 U	1.1 U	0.15 U	1.1 U	0.4 U	0.62 U	0.18 U	0.21 U

Appendix Table E-6
Subsurface Soil (Depth >40 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYLALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL XYLENES	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)
					UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
E-CB-11A-42-44	E-CB-11A	42	44	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-11A-46-48	E-CB-11A	46	48	20120720	0.48 U	0.42 U	0.22 U	0.18 U	0.44 U	0.35 U	9.1 UR	0.62 U	0.35 J	0.8 U	0.49 U	0.65 U	0.5 U
E-CB-11A-48-50	E-CB-11A	48	50	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-40-42	E-CB-13	40	42	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-42-44	E-CB-13	42	44	20120720	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-13-44-46	E-CB-13	44	46	20120720	0.41 U	0.35 U	0.18 U	0.15 U	0.38 U	0.29 U	7.7 UR	0.53 U	0.37 J	0.68 U	0.42 U	0.55 U	0.43 U
E-CB-2-42-44	E-CB-2	42	44	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-46-48	E-CB-2	46	48	20120719	--	--	--	--	--	--	--	--	--	--	--	--	--
E-CB-2-48-50	E-CB-2	48	50	20120719	0.37 U	0.32 U	0.17 U	0.14 U	0.34 U	0.27 U	7 UR	0.48 U	0.25 U	0.62 U	0.38 U	0.5 U	0.39 U

Appendix Table E-6
Subsurface Soil (Depth >40 ft bgs) Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
					VOLATILES (UG/KG)	VOLATILES (UG/KG)	VOLATILES (UG/KG)	
					UG/KG	UG/KG	UG/KG	
E-CB-11A-42-44	E-CB-11A	42	44	20120720	--	--	--	NORMAL
E-CB-11A-46-48	E-CB-11A	46	48	20120720	0.41 U	0.3 UR	0.47 U	NORMAL
E-CB-11A-48-50	E-CB-11A	48	50	20120720	--	--	--	NORMAL
E-CB-13-40-42	E-CB-13	40	42	20120720	--	--	--	NORMAL
E-CB-13-42-44	E-CB-13	42	44	20120720	--	--	--	NORMAL
E-CB-13-44-46	E-CB-13	44	46	20120720	0.34 U	0.25 UR	0.4 U	NORMAL
E-CB-2-42-44	E-CB-2	42	44	20120719	--	--	--	NORMAL
E-CB-2-46-48	E-CB-2	46	48	20120719	--	--	--	NORMAL
E-CB-2-48-50	E-CB-2	48	50	20120719	0.32 U	0.23 UR	0.36 U	NORMAL

Notes:

mg/kg	milligrams per kilogram
ug/kg	micrograms per kilogram
Pci/g	picocuries per gram
Pci/L	picocuries per liter
ug/L	micrograms per liter
mg/L	milligrams per liter
U	The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted detection limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the reporting limit).
J+	
J-	The result is an estimated quantity, but the result may be biased low.
UJ	The analyte was analyzed for, but was not detected. The reported detection limit is approximate and may be inaccurate or imprecise.
NJ	The analyte has been “tentatively identified” or “presumptively” as present and the associated numerical value is the estimated concentration in the sample.
R	The sample result (detected) is unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
UR	The sample result (nondetected) is unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
SS	Surface soil
SB	Soil boring
CB	Catch basin
RAD	Radiological sample
"D"	Field duplicate sample
AVG	Value is an average of initial and duplicate sample results.
BaPEq	Benzo(a)pyrene equivalents
PAH	Polycyclic aromatic hydrocarbons
PCB	Polychlorinated biphenyls
S.U.	A unitless scale of acidity (in pH)
TPH	Total petroleum hydrocarbons

Appendix Table E-7
Soil Pile Analytical Results - Block E
Middle River Complex, Middle River, Maryland

LOCATION	E-SB-1256		E-SB-1257		E-SB-1258		E-SB-1259		E-SB-1260		E-SB-1261	
SAMPLE ID	E-SB-1256-0.5-1	E-SB-1256-0-0.5	E-SB-1257-0.5-1	E-SB-1257-0-0.5	E-SB-1258-0.5-1	E-SB-1258-0-0.5	E-SB-1259-0.5-1	E-SB-1259-0-0.5	E-SB-1260-0.5-1	E-SB-1260-0-0.5	E-SB-1261-0.5-1	E-SB-1261-0-0.5
SAMPLE DATE	20140714	20140714	20140714	20140714	20140714	20140714	20140714	20140714	20140721	20140721	20140721	20140721
TOP DEPTH	0.5	0	0.5	0	0.5	0	0.5	0	0.5	0	0.5	0
BOTTOM DEPTH	1	0.5	1	0.5	1	0.5	1	0.5	1	0.5	1	0.5
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)												
1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	110	14	97	38	240	100 J	82 J	68	6.5 J	17 J	77	21
ACENAPHTHENE	96	6.5 J	67	18	140	52 J	51 J	65	24	110	79	36
ACENAPHTHYLENE	31	6 J	190	87	330	200 J	160 J	150	12	81	790	52
ANTHRACENE	250	16	280	93	640	290 J	200 J	260	60	280	350	100
BAP EQUIVALENT-HALFND	1192.7	180.315	2813.4	1025.07	6162.1	3786.4	1982.645	2338.2	457.73	2240.5	4219.1	1256.82
BAP EQUIVALENT-POS	1192.7	179.94	2813.4	1025.07	6162.1	3786.4	1978.8	2338.2	457.73	2240.5	4219.1	1256.82
BENZO(A)ANTHRACENE	730	88	1600	550	4400	2000 J	1200 J	1500	300	1500	2700	780
BENZO(A)PYRENE	910	150	2100 J	750 J	4500	2800 J	1600 J	1700 J	310	1500 J	3100 J	900 J
BENZO(B)FLUORANTHENE	940	130	3000 J	1200 J	5400	4200 J	2500 J	2600 J	580	3000 J	4700 J	1600 J
BENZO(G,H,I)PERYLENE	300	98	660 J	280 J	2200	1000 J	580 J	510 J	160	650 J	980 J	310 J
BENZO(K)FLUORANTHENE	390	63	950 J	440 J	1700	1300 J	740 J	950 J	240	990 J	1800 J	590 J
CHRYSENE	800	110	1900	670	5100	2400 J	1400 J	1700	330	1600	3100	920
DIBENZO(A,H)ANTHRACENE	83	0.75 U	180 J	70 J	480	260 J	7.3 UJ	170 J	42	220 J	270 J	81 J
FLUORANTHENE	1100	98	2000	640	6200	2300 J	1500 J	2100	610	3000	3800	1400
FLUORENE	140	8	92	26	190	69 J	68 J	74	21	91	150	31
INDENO(1,2,3-CD)PYRENE	280	74	620 J	250 J	1800	910 J	3.9 UJ	470 J	150	590 J	880 J	310 J
NAPHTHALENE	130	25	140	52	370	140 J	110 J	94	9.9	31	150	30
PHENANTHRENE	1000	48	890	230	2200	650 J	620 J	840	290	1300	1500	510
PYRENE	1900	180	4300	1300	10000	5500 J	3400 J	3900	570	3100	6700	1600
PCBS (UG/KG)												
AROCLOR-1016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1221	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1232	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1242	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1248	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1262	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1268	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL AROCLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL AROCLOR HALFND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (MG/KG)												
ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ARSENIC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SELENIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SILVER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix Table E-7
Soil Pile Analytical Results - Block E
Middle River Complex, Middle River, Maryland

LOCATION	E-SB-1262		E-SB-1263		E-SB-1279		E-SB-1386	E-SB-1387	E-SB-1388	E-SB-1389	E-SB-1390	E-SB-1391
SAMPLE ID	E-SB-1262-0.5-1	E-SB-1262-0-0.5	E-SB-1263-0.5-1	E-SB-1263-0-0.5	E-SB-1279-0-1	E-SB-1279-1-2	E-SB-1386-3	E-SB-1387-3	E-SB-1388-4	E-SB-1389-3	E-SB-1390-6	E-SB-1391-5
SAMPLE DATE	20140721	20140721	20140721	20140721	20140721	20140721	20140731	20140731	20140801	20140731	20140801	20140801
TOP DEPTH	0.5	0	0.5	0	0	1	3	3	4	3	6	5
BOTTOM DEPTH	1	0.5	1	0.5	1	2	3	3	4	3	6	5
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)												
1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	0.57 U	62	6 J	18	0.55 U	0.54 U	1100	5.2 U	26	64	4.5 J	3.9 J
ACENAPHTHENE	5.6 J	330	0.88 U	87	0.84 U	0.82 U	360	7.9 U	18	43	0.91 U	0.87 U
ACENAPHTHYLENE	0.4 U	110	0.4 U	25	0.39 U	0.38 U	110	38 J	38	82	0.42 U	4 J
ANTHRACENE	15	620	5.8 J	170	4.7 J	0.84 U	490	89	73	140	5.1 J	8.8
BAP EQUIVALENT-HALFND	126.725	5063.45	52.516	1277.85	48.448	0.69 U	1074	649.77	624.67	1256.32	17.73205	48.366
BAP EQUIVALENT-POS	126.35	5060.9	52.136	1277.1	48.083	0.69 U	1072.2	646.32	624.67	1256.32	17.312	47.966
BENZO(A)ANTHRACENE	93	3700	33	900	30	0.68 U	1000	410	430	740	12	31
BENZO(A)PYRENE	96	3800 J	42	980 J	38	0.69 U	850	520	460	930	14	39
BENZO(B)FLUORANTHENE	170	7400 J	41	1700 J	52	0.63 U	820	610	630	1200	21	56
BENZO(G,H,I)PERYLENE	35	1200 J	22	320 J	16	0.38 U	440	260	170	400	0.42 U	0.4 U
BENZO(K)FLUORANTHENE	75	2700 J	30	610 J	25	0.73 U	400	280	220	440	0.81 U	23
CHRYSENE	100	3900	36	1000	33	1.2 U	1200	520	470	920	12	36
DIBENZO(A,H)ANTHRACENE	0.75 U	5.1 UJ	0.76 U	1.5 UJ	0.73 U	0.71 U	3.6 U	6.9 U	41	93	0.79 U	0.76 U
FLUORANTHENE	180	7200	42	1900	51	0.59 U	2000	540	500	1000	19	45
FLUORENE	5.3 J	250	0.61 U	69	0.59 U	0.57 U	720	5.5 U	27	75	4 J	4.7 J
INDENO(1,2,3-CD)PYRENE	32	1200 J	24	300 J	16	0.38 U	350	210	150	340	0.42 U	0.4 U
NAPHTHALENE	0.93 U	100	7.9	28	0.91 U	0.88 U	390	40 J	35	70	10	0.94 U
PHENANTHRENE	87	3800	27	980	22	0.78 U	4300	320	250	680	17	42
PYRENE	170	7900	46	2000	59	0.47 U	3000	890	990	1700	19	68
PCBS (UG/KG)												
AROCLOR-1016	NA	NA	NA	NA	4.5 U	4.5 U	6.5 U	4.2 U	4.6 U	22 U	5 U	4.7 U
AROCLOR-1221	NA	NA	NA	NA	4.3 U	4.3 U	6.3 U	4.1 U	4.5 U	21 U	4.8 U	4.6 U
AROCLOR-1232	NA	NA	NA	NA	8.5 U	8.5 U	12 U	8 U	8.8 U	41 U	9.5 U	9.1 U
AROCLOR-1242	NA	NA	NA	NA	5.1 U	5.1 U	7.4 U	4.8 U	5.3 U	25 U	5.7 U	5.4 U
AROCLOR-1248	NA	NA	NA	NA	4.9 U	4.9 U	7.2 U	4.6 U	5.1 U	24 U	5.5 U	5.2 U
AROCLOR-1254	NA	NA	NA	NA	5.2 U	5.2 U	7.6 U	4.9 U	5.4 U	25 U	5.8 U	5.5 U
AROCLOR-1260	NA	NA	NA	NA	7.3 J	4.4 U	82	35	61	500	4.9 U	5.7 J
AROCLOR-1262	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1268	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL AROCLOR	NA	NA	NA	NA	7.3	0 U	82	35	61	500	0 U	5.7
TOTAL AROCLOR HALFND	NA	NA	NA	NA	23.55	18.45	105.5	50.3	77.85	579	20.6	22.95
METALS (MG/KG)												
ANTIMONY	NA	NA	NA	NA	NA	NA	1.3 U	0.34 U	2.1 UJ	0.34 U	0.34 UJ	0.34 UJ
ARSENIC	NA	NA	NA	NA	NA	NA	4.2	2.9	5.1 J	3.3	4 J	2.6 J
BARIUM	NA	NA	NA	NA	NA	NA	26 J	55	19 J	54	22	17 J
BERYLLIUM	NA	NA	NA	NA	NA	NA	1	0.83	1.6 J	0.68	0.97	1
CADMIUM	NA	NA	NA	NA	NA	NA	0.11 J	0.78	0.2 U	0.49	0.031 U	0.032 U
CHROMIUM	NA	NA	NA	NA	NA	NA	33	15	24	18	14	12
COBALT	NA	NA	NA	NA	NA	NA	5.5	13	18	9.1	12	4.2
COPPER	NA	NA	NA	NA	NA	NA	22	16	22 J	17	12 J	13 J
LEAD	NA	NA	NA	NA	NA	NA	16	24	4.9 J	32	7.3	9.3
MERCURY	NA	NA	NA	NA	NA	NA	0.16 J	0.049 J	0.019 U	0.2	0.029 J	0.018 U
MOLYBDENUM	NA	NA	NA	NA	NA	NA	0.49 U	0.36 U	1.5 U	0.5 U	0.34 U	0.32 U
NICKEL	NA	NA	NA	NA	NA	NA	18	18	39	13	14	9.9
SELENIUM	NA	NA	NA	NA	NA	NA	0.63 U	0.4 J	2.5 UJ	0.46 J	0.41 J	0.4 UJ
SILVER	NA	NA	NA	NA	NA	NA	0.18 J	0.14 J	0.55 J	0.2 J	0.12 J	0.088 U
THALLIUM	NA	NA	NA	NA	NA	NA	0.77 U	0.48 U	0.6 U	0.48 U	0.48 U	0.48 U
VANADIUM	NA	NA	NA	NA	NA	NA	49	27	44 J	26	22 J	19 J
ZINC	NA	NA	NA	NA	NA	NA	37	130	46	150	42	29

Appendix Table E-7
Soil Pile Analytical Results - Block E
Middle River Complex, Middle River, Maryland

LOCATION	E-SB-1392	E-SB-1393	E-SB-1394	E-SB-1395	E-SB-1396	E-SB-1397	E-SB-1412	E-SB-1415	E-SB-1418	E-SB-1421		E-SB-1424
SAMPLE ID	E-SB-1392-7	E-SB-1393-7	E-SB-1394-2	E-SB-1395-2	E-SB-1396-2	E-SB-1397-2	E-SB-1412-13-14	E-SB-1415-16-17	E-SB-1418-19-20	E-SB-1421-22-23	E-SB-1424-25-26	E-SB-1424-25-26-AVG
SAMPLE DATE	20140801	20140801	20140801	20140801	20140801	20140801	20160308	20160308	20160308	20160308	20160309	20160309
TOP DEPTH	7	7	2	2	2	2	1	1	1	2	0	0
BOTTOM DEPTH	7	7	2	2	2	2	2	2	8	8	10	10
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)												
1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	0.57 U	0.56 U	6.6 J	31	0.56 U	0.54 U	NA	NA	NA	NA	NA	NA
ACENAPHTHENE	0.86 U	0.85 U	5.7 J	160	0.85 U	0.82 U	0.91 U	10	38	180	120 J	67
ACENAPHTHYLENE	0.4 U	0.39 U	0.38 U	12 J	0.39 U	0.38 U	0.42 U	6.2 J	0.4 U	16	7.8 J	4.01
ANTHRACENE	0.88 U	0.87 U	12	250	5.6 J	7.4	4.2 J	32	81	240	170 J	97
BAP EQUIVALENT-HALFND	0.73 U	1.6689	44.02	914.69	64.898	39.946	34.19	199.305	277.91	668.315	558.56	371.915
BAP EQUIVALENT-POS	0.73 U	0.88	43.641	914.69	64.528	39.591	33.795	198.93	277.53	667.91	558.16	371.715
BENZO(A)ANTHRACENE	0.71 U	0.7 U	47	710	47	31	21	140	230	560	440 J	280
BENZO(A)PYRENE	0.73 U	0.72 U	33	640	49	30	26	150	210	510	420 J	270
BENZO(B)FLUORANTHENE	0.67 U	8.8	57	1100	72	45	36	240	330	750	740 J	465
BENZO(G,H,I)PERYLENE	0.4 U	0.39 U	0.38 U	170	38	9.6	23	110	110	230	160	135
BENZO(K)FLUORANTHENE	0.77 U	0.76 U	19	500	38	16	17	97	130	330	270 J	166.5
CHRYSENE	1.2 U	1.2 U	51	690	48	31	25	160	230	610	460 J	300
DIBENZO(A,H)ANTHRACENE	0.75 U	0.74 U	0.72 U	67	0.74 U	0.71 U	0.79 U	0.75 U	0.76 U	0.81 U	0.8 U	12.7
FLUORANTHENE	0.62 U	17	69	1400	79	63	39	290	500	1200	970 J	610
FLUORENE	0.6 U	0.59 U	6.6 J	120	0.59 U	0.57 U	0.63 U	7.7	30	260	110 J	61
INDENO(1,2,3-CD)PYRENE	0.4 U	0.39 U	0.38 U	210	32	18	19	98	100	230	170 J	127.5
NAPHTHALENE	0.93 U	4.3 J	4.9 J	79	0.91 U	0.89 U	0.98 U	7.5 J	5.8 J	900	54 J	32
PHENANTHRENE	0.83 U	17	130	1100	28	36	18	160	360	1100	780 J	450
PYRENE	0.5 U	15	120	1400	65	49	31	220	370	920	790 J	500
PCBS (UG/KG)												
AROCLOR-1016	4.7 U	4.5 U	4.4 U	22 U	23 U	4.4 U	14 U	28 U	14 U	14 U	15 U	15 U
AROCLOR-1221	4.5 U	4.4 U	4.2 U	21 U	22 U	4.3 U	19 U	37 U	18 U	19 U	20 U	20 U
AROCLOR-1232	8.9 U	8.7 U	8.3 U	41 U	43 U	8.5 U	24 U	46 U	23 U	24 U	25 U	25 U
AROCLOR-1242	5.3 U	5.2 U	5 U	25 U	26 U	5.1 U	13 U	25 U	12 U	13 U	13 U	13.5 U
AROCLOR-1248	5.2 U	5 U	4.8 U	24 U	25 U	4.9 U	9.5 U	18 U	9.1 U	9.6 U	9.8 U	9.9 U
AROCLOR-1254	5.5 U	5.3 U	5.1 U	25 U	26 U	5.2 U	17 U	32 U	16 U	17 U	17 U	17.5 U
AROCLOR-1260	4.6 U	7.5 J	40	470	630	16 J	140	220	28 J	24 J	250 J	175
AROCLOR-1262	NA	NA	NA	NA	NA	NA	12 U	23 U	11 U	12 U	12 U	12.5 U
AROCLOR-1268	NA	NA	NA	NA	NA	NA	15 U	30 U	15 U	16 U	16 U	16.5 U
TOTAL AROCLOR	0 U	7.5	40	470	630	16	140	220	28	24	250	175
TOTAL AROCLOR HALFND	19.35	24.05	55.9	549	712.5	32.2	201.75	339.5	87.05	86.3	313.9	239.95
METALS (MG/KG)												
ANTIMONY	0.82 UJ	0.33 UJ	0.65 UJ	0.65 U	0.82 UJ	0.77 UJ	NA	NA	NA	NA	NA	NA
ARSENIC	14 J	2.3 J	2 J	2.8 J	2.7 J	3.4 J	1.4 J	2.3	2.1	3.2	2.6 J	2.7
BARIUM	15 J	23	30 J	40	16 J	19 J	10 J	34 J	19 J	40 J	29 J	28
BERYLLIUM	1 J	0.65	1.4	0.41 J	1.2	2	NA	NA	NA	NA	NA	NA
CADMIUM	0.076 U	0.053 J	0.06 U	0.28 J	0.12 J	0.071 U	0.12 J	0.34 J	0.14 J	0.23 J	0.23 J	0.29
CHROMIUM	4	11	12	26	11	17	7.3 J	13 J	12 J	13 J	12 J	11.5
COBALT	8	7.7	9	3.4	7.4	8.7	NA	NA	NA	NA	NA	NA
COPPER	2.5 J	11 J	9.8 J	12 J	10 J	11 J	NA	NA	NA	NA	NA	NA
LEAD	6	9.5	12	32	8.8	6.4	12 J	39 J	8.5 J	47 J	17 J	18.5
MERCURY	0.054 J	0.18	0.079 J	0.13	0.061 J	0.057 J	0.038 J	0.13 J	0.052 J	0.24 J	0.18	0.1175
MOLYBDENUM	0.57 U	0.29 U	0.45 U	0.38 U	0.57 U	0.54 U	NA	NA	NA	NA	NA	NA
NICKEL	13	8.6	17	7.2	14	18	NA	NA	NA	NA	NA	NA
SELENIUM	0.95 UJ	0.39 UJ	0.75 UJ	0.41 UJ	0.94 UJ	0.89 UJ	0.36 U	0.32 U	0.37 U	0.3 U	0.38 UJ	0.385 U
SILVER	0.21 U	0.12 J	0.17 U	0.14 J	0.27 J	0.2 U	0.067 U	0.06 U	0.068 U	0.056 U	0.07 UJ	0.071 U
THALLIUM	0.58 U	0.47 U	0.46 U	0.5 U	0.58 U	0.55 U	NA	NA	NA	NA	NA	NA
VANADIUM	8.1 J	18 J	18 J	17 J	18 J	24 J	NA	NA	NA	NA	NA	NA
ZINC	44	39	45	67	41	40	NA	NA	NA	NA	NA	NA

Appendix Table E-7
Soil Pile Analytical Results - Block E
Middle River Complex, Middle River, Maryland

LOCATION		E-SB-1427	E-SB-1430	E-SB-1433	E-SB-1436	E-SB-965				E-SB-966		
SAMPLE ID	E-SB-1424-25-26-D	E-SB-1427-28-29	E-SB-1430-31-32	E-SB-1433-34-35	E-SB-1436-37-38	E-SB-965-0.5-2	E-SB-965-0.5-2.0-RAD	E-SB-965-0-0.5	S-SB-965-2-3	E-SB-966-0.5-2	E-SB-966-0-0.5	E-SB-966-0-1-RAD
SAMPLE DATE	20160309	20160309	20160309	20160309	20160310	20120627	20120627	20120627	20120627	20120627	20120627	20120627
TOP DEPTH	0	0	0	0	2	0.5	0.5	0	2	0.5	0	0
BOTTOM DEPTH	10	14	14	11	5	2	2	0.5	3	2	0.5	1
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)												
1-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	3.5 U	NA	4100	18 J	30	3.6 U	NA
2-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	4.7 J	NA	3300	19 J	43	3.6 U	NA
ACENAPHTHENE	14 J	16	53	25	140	4.3 J	NA	1500	18 J	120	3.6 U	NA
ACENAPHTHYLENE	0.44 U	11	81	48	79	7.4	NA	2200	32 J	100	12	NA
ANTHRACENE	24 J	38	170	110	350	19	NA	5700	120 J	360	22	NA
BAP EQUIVALENT-HALFND	185.27	222.42	1054.6	661.62	2145.6	94.256	NA	10251.4	377.4	1491.2	89.122	NA
BAP EQUIVALENT-POS	185.27	222.01	1053.8	661.62	2145.6	92.506	NA	10251.4	377.4	1491.2	87.322	NA
BENZO(A)ANTHRACENE	120 J	140	780	430	1600	78	NA	8500	260 J	1000	67	NA
BENZO(A)PYRENE	120 J	170	820	450	1400	72	NA	7400	270 J	1000	69	NA
BENZO(B)FLUORANTHENE	190 J	310	1200	460	1900	78	NA	6200	240 J	1100	70	NA
BENZO(G,H,I)PERYLENE	110	55	320	360	1200	61	NA	4500	190 J	690	57	NA
BENZO(K)FLUORANTHENE	63 J	110	490	210	700	32	NA	3200	110 J	510	35	NA
CHRYSENE	140 J	210	900	520	1600	86	NA	9400	300 J	1100	72	NA
DIBENZO(A,H)ANTHRACENE	25	0.82 U	1.6 U	93	290	3.5 U	NA	1000	43 J	210	3.6 U	NA
FLUORANTHENE	250 J	270	1300	660	2700	110	NA	16000	420 J	1800	75	NA
FLUORENE	12 J	17	76	37	150	7.9	NA	4000	44 J	130	5.4 J	NA
INDENO(1,2,3-CD)PYRENE	85 J	57	300	270	970	45	NA	3400	130 J	650	42	NA
NAPHTHALENE	10 J	11	43	28	45	5.3 J	NA	2200	18 J	81	4.1 J	NA
PHENANTHRENE	120 J	140	960	370	1600	81	NA	23000	450 J	1100	48	NA
PYRENE	210 J	260	1900	990	2900	160	NA	20000	670 J	1600	110	NA
PCBS (UG/KG)												
AROCLOR-1016	15 U	15 U	140 U	14 U	14 U	22 U	NA	22 U	NA	24 U	23 U	NA
AROCLOR-1221	20 U	20 U	190 U	19 U	18 U	17 U	NA	17 U	NA	19 U	18 U	NA
AROCLOR-1232	25 U	25 U	240 U	24 U	23 U	15 U	NA	14 U	NA	16 U	15 U	NA
AROCLOR-1242	14 U	14 U	130 U	13 U	13 U	14 U	NA	13 U	NA	15 U	14 U	NA
AROCLOR-1248	10 U	9.9 U	95 U	9.5 U	9.2 U	18 U	NA	18 U	NA	20 U	19 U	NA
AROCLOR-1254	18 U	17 U	170 U	17 U	16 U	18 U	NA	18 U	NA	20 U	19 U	NA
AROCLOR-1260	100 J	200	1400	39	410 J	30 J	NA	48	NA	25 J	48	NA
AROCLOR-1262	13 U	12 U	120 U	12 U	12 U	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1268	17 U	16 U	150 U	15 U	15 U	NA	NA	NA	NA	NA	NA	NA
TOTAL AROCLOR	100	200	1400	39	410	30	NA	48	NA	25	48	NA
TOTAL AROCLOR HALFND	166	264.45	2017.5	100.75	470.1	82	NA	99	NA	82	102	NA
METALS (MG/KG)												
ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.9 UL	NA
ARSENIC	2.8 J	2 J	4.5 J	3.7 J	3	NA	NA	NA	NA	NA	3.9 J	NA
BARIUM	27 J	21 J	73 J	28 J	70 J	NA	NA	NA	NA	NA	45 J	NA
BERYLLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.5	NA
CADMIUM	0.35 J	0.14 J	0.4 J	0.24 J	0.5 U	NA	NA	NA	NA	NA	0.42 J	NA
CHROMIUM	11 J	13 J	17 J	16 J	19 J	NA	NA	NA	NA	NA	17	NA
COBALT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29	NA
COPPER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18	NA
LEAD	20 J	8.5 J	27 J	20 J	21 J	NA	NA	NA	NA	NA	15	NA
MERCURY	0.11 U	0.076 U	0.059 U	0.059 U	0.2	NA	NA	NA	NA	NA	0.2	NA
MOLYBDENUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.3 U	NA
NICKEL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49	NA
SELENIUM	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ	0.38 U	NA	NA	NA	NA	NA	2.2 UL	NA
SILVER	0.072 UJ	0.072 UJ	0.07 UJ	0.069 UJ	0.07 U	NA	NA	NA	NA	NA	0.5 U	NA
THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.55 U	NA
VANADIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31	NA
ZINC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	94	NA

Appendix Table E-7
Soil Pile Analytical Results - Block E
Middle River Complex, Middle River, Maryland

LOCATION		E-SB-967		
SAMPLE ID	E-SB-966-2-3	E-SB-967-0.5-2	E-SB-967-0.5-2.0-RAD	E-SB-967-0-0.5
SAMPLE DATE	20120627	20120627	20120627	20120627
TOP DEPTH	2	0.5	0.5	0
BOTTOM DEPTH	3	2	2	0.5
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)				
1-METHYLNAPHTHALENE	20 J	35 U	NA	240
2-METHYLNAPHTHALENE	22 J	35 U	NA	240
ACENAPHTHENE	63 J	35 U	NA	350
ACENAPHTHYLENE	47 J	35 U	NA	460
ANTHRACENE	140 J	78	NA	1300
BAP EQUIVALENT-HALFND	1015.82	220.81	NA	4784.6
BAP EQUIVALENT-POS	1015.82	203.31	NA	4784.6
BENZO(A)ANTHRACENE	650 J	190	NA	3300
BENZO(A)PYRENE	680 J	150	NA	3200
BENZO(B)FLUORANTHENE	860 J	230	NA	3500
BENZO(G,H,I)PERYLENE	510 J	140	NA	2500
BENZO(K)FLUORANTHENE	410 J	110	NA	2100
CHRYSENE	720 J	210	NA	3600
DIBENZO(A,H)ANTHRACENE	140 J	35 U	NA	690
FLUORANTHENE	1200 J	380	NA	6500
FLUORENE	62 J	35 U	NA	390
INDENO(1,2,3-CD)PYRENE	400 J	100	NA	1900
NAPHTHALENE	36 J	35 U	NA	320
PHENANTHRENE	700 J	190	NA	4100
PYRENE	1200 J	300	NA	5900
PCBS (UG/KG)				
AROCLOR-1016	NA	220 U	NA	360 U
AROCLOR-1221	NA	170 U	NA	270 U
AROCLOR-1232	NA	150 U	NA	240 U
AROCLOR-1242	NA	140 U	NA	220 U
AROCLOR-1248	NA	180 U	NA	290 U
AROCLOR-1254	NA	180 U	NA	290 U
AROCLOR-1260	NA	1200	NA	6400
AROCLOR-1262	NA	NA	NA	NA
AROCLOR-1268	NA	NA	NA	NA
TOTAL AROCLOR	NA	1200	NA	6400
TOTAL AROCLOR HALFND	NA	1720	NA	7235
METALS (MG/KG)				
ANTIMONY	0.41 UL	NA	NA	NA
ARSENIC	1.8 L	NA	NA	NA
BARIUM	22	NA	NA	NA
BERYLLIUM	0.045 U	NA	NA	NA
CADMIUM	0.29 J	NA	NA	NA
CHROMIUM	7.1	NA	NA	NA
COBALT	3.5	NA	NA	NA
COPPER	9.2 J	NA	NA	NA
LEAD	11 B	NA	NA	NA
MERCURY	0.057 J	NA	NA	NA
MOLYBDENUM	0.29 U	NA	NA	NA
NICKEL	10	NA	NA	NA
SELENIUM	0.48 U	NA	NA	NA
SILVER	0.17 J	NA	NA	NA
THALLIUM	0.65 J	NA	NA	NA
VANADIUM	9.5	NA	NA	NA
ZINC	24	NA	NA	NA

Appendix Table E-7
Soil Pile Analytical Results - Block E
Middle River Complex, Middle River, Maryland

LOCATION	E-SB-1256		E-SB-1257		E-SB-1258		E-SB-1259		E-SB-1260		E-SB-1261	
SAMPLE ID	E-SB-1256-0.5-1	E-SB-1256-0-0.5	E-SB-1257-0.5-1	E-SB-1257-0-0.5	E-SB-1258-0.5-1	E-SB-1258-0-0.5	E-SB-1259-0.5-1	E-SB-1259-0-0.5	E-SB-1260-0.5-1	E-SB-1260-0-0.5	E-SB-1261-0.5-1	E-SB-1261-0-0.5
SAMPLE DATE	20140714	20140714	20140714	20140714	20140714	20140714	20140714	20140714	20140721	20140721	20140721	20140721
TOP DEPTH	0.5	0	0.5	0	0.5	0	0.5	0	0.5	0	0.5	0
BOTTOM DEPTH	1	0.5	1	0.5	1	0.5	1	0.5	1	0.5	1	0.5
MISCELLANEOUS PARAMETERS (MG/KG)												
HEXAVALENT CHROMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PETROLEUM HYDROCARBONS (UG/KG)												
TPH (C06-C10)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PETROLEUM HYDROCARBONS (MG/KG)												
TPH (C10-C32)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIONUCLIDES (PCI/G)												
THORIUM-228	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-230	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-232	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233/234	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-235/236	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix Table E-7
Soil Pile Analytical Results - Block E
Middle River Complex, Middle River, Maryland

LOCATION	E-SB-1262		E-SB-1263		E-SB-1279		E-SB-1386	E-SB-1387	E-SB-1388	E-SB-1389	E-SB-1390	E-SB-1391
SAMPLE ID	E-SB-1262-0.5-1	E-SB-1262-0-0.5	E-SB-1263-0.5-1	E-SB-1263-0-0.5	E-SB-1279-0-1	E-SB-1279-1-2	E-SB-1386-3	E-SB-1387-3	E-SB-1388-4	E-SB-1389-3	E-SB-1390-6	E-SB-1391-5
SAMPLE DATE	20140721	20140721	20140721	20140721	20140721	20140721	20140731	20140731	20140801	20140731	20140801	20140801
TOP DEPTH	0.5	0	0.5	0	0	1	3	3	4	3	6	5
BOTTOM DEPTH	1	0.5	1	0.5	1	2	3	3	4	3	6	5
MISCELLANEOUS PARAMETERS (MG/KG)												
HEXAVALENT CHROMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PETROLEUM HYDROCARBONS (UG/KG)												
TPH (C06-C10)	NA	NA	NA	NA	NA	NA	74 U	48 U	52 U	49 U	70 J	53 U
PETROLEUM HYDROCARBONS (MG/KG)												
TPH (C10-C32)	NA	NA	NA	NA	NA	NA	23 J	100	92	130	35	4.8 U
RADIONUCLIDES (PCI/G)												
THORIUM-228	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-230	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-232	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233/234	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-235/236	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix Table E-7
Soil Pile Analytical Results - Block E
Middle River Complex, Middle River, Maryland

LOCATION	E-SB-1392	E-SB-1393	E-SB-1394	E-SB-1395	E-SB-1396	E-SB-1397	E-SB-1412	E-SB-1415	E-SB-1418	E-SB-1421		E-SB-1424
SAMPLE ID	E-SB-1392-7	E-SB-1393-7	E-SB-1394-2	E-SB-1395-2	E-SB-1396-2	E-SB-1397-2	E-SB-1412-13-14	E-SB-1415-16-17	E-SB-1418-19-20	E-SB-1421-22-23	E-SB-1424-25-26	E-SB-1424-25-26-AVG
SAMPLE DATE	20140801	20140801	20140801	20140801	20140801	20140801	20160308	20160308	20160308	20160308	20160309	20160309
TOP DEPTH	7	7	2	2	2	2	1	1	1	2	0	0
BOTTOM DEPTH	7	7	2	2	2	2	2	2	8	8	10	10
MISCELLANEOUS PARAMETERS (MG/KG)												
HEXAVALENT CHROMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PETROLEUM HYDROCARBONS (UG/KG)												
TPH (C06-C10)	52 U	52 U	50 U	48 U	51 U	50 U	NA	NA	NA	NA	NA	NA
PETROLEUM HYDROCARBONS (MG/KG)												
TPH (C10-C32)	4.7 U	18 J	48	66	7.4 J	4.5 U	NA	NA	NA	NA	NA	NA
RADIONUCLIDES (PCI/G)												
THORIUM-228	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-230	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THORIUM-232	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233/234	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-235/236	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix Table E-7
Soil Pile Analytical Results - Block E
Middle River Complex, Middle River, Maryland

LOCATION		E-SB-1427	E-SB-1430	E-SB-1433	E-SB-1436	E-SB-965				E-SB-966		
SAMPLE ID	E-SB-1424-25-26-D	E-SB-1427-28-29	E-SB-1430-31-32	E-SB-1433-34-35	E-SB-1436-37-38	E-SB-965-0.5-2	E-SB-965-0.5-2.0-RAD	E-SB-965-0-0.5	S-SB-965-2-3	E-SB-966-0.5-2	E-SB-966-0-0.5	E-SB-966-0-1-RAD
SAMPLE DATE	20160309	20160309	20160309	20160309	20160310	20120627	20120627	20120627	20120627	20120627	20120627	20120627
TOP DEPTH	0	0	0	0	2	0.5	0.5	0	2	0.5	0	0
BOTTOM DEPTH	10	14	14	11	5	2	2	0.5	3	2	0.5	1
MISCELLANEOUS PARAMETERS (MG/KG)												
HEXAVALENT CHROMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.51 J	NA
PETROLEUM HYDROCARBONS (UG/KG)												
TPH (C06-C10)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PETROLEUM HYDROCARBONS (MG/KG)												
TPH (C10-C32)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RADIONUCLIDES (PCI/G)												
THORIUM-228	NA	NA	NA	NA	NA	NA	0.535 J	NA	NA	NA	NA	0.74 J
THORIUM-230	NA	NA	NA	NA	NA	NA	0.378 J	NA	NA	NA	NA	0.331 J
THORIUM-232	NA	NA	NA	NA	NA	NA	0.505 J	NA	NA	NA	NA	0.49 J
URANIUM-233/234	NA	NA	NA	NA	NA	NA	0.302 J	NA	NA	NA	NA	0.373 J
URANIUM-235/236	NA	NA	NA	NA	NA	NA	0 U	NA	NA	NA	NA	0.0125 U
URANIUM-238	NA	NA	NA	NA	NA	NA	0.324 J	NA	NA	NA	NA	0.247 J

LOCATION	E-SB-967			
SAMPLE ID	**E-SB-966-2-3**	**E-SB-967-0.5-2**	**E-SB-967-0.5-2.0-RAD**	**E-SB-967-0-0.5**
SAMPLE DATE	**20120627**	**20120627**	**20120627**	**20120627**
TOP DEPTH	**2**	**0.5**	**0.5**	**0**
BOTTOM DEPTH	**3**	**2**	**2**	**0.5**
MISCELLANEOUS PARAMETERS (MG/KG)				
HEXAVALENT CHROMIUM	0.33 J	NA	NA	NA
PETROLEUM HYDROCARBONS (UG/KG)				
TPH (C06-C10)	NA	NA	NA	NA
PETROLEUM HYDROCARBONS (MG/KG)				
TPH (C10-C32)	NA	NA	NA	NA
RADIONUCLIDES (PCI/G)				
THORIUM-228	NA	NA	0.748 J	NA
THORIUM-230	NA	NA	0.304 J	NA
THORIUM-232	NA	NA	0.544 J	NA
URANIUM-233/234	NA	NA	0.275 J	NA
URANIUM-235/236	NA	NA	0 U	NA
URANIUM-238	NA	NA	0.193 J	NA

Notes:

mg/kg	milligrams per kilogram
ug/kg	micrograms per kilogram
Pci/g	picocuries per gram
Pci/L	picocuries per liter
ug/L	micrograms per liter
mg/L	milligrams per liter
U	The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted detection limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the reporting limit).
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
UJ	The analyte was analyzed for, but was not detected. The reported detection limit is approximate and may be inaccurate or imprecise.
NJ	The analyte has been “tentatively identified” or “presumptively” as present and the associated numerical value is the estimated concentration in the sample.
R	The sample result (detected) is unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
UR	The sample result (nondetected) is unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
SS	Surface soil
SB	Soil boring
CB	Catch basin
RAD	Radiological sample
"D"	Field duplicate sample
AVG	Value is an average of initial and duplicate sample results.
BaPEq	Benzo(a)pyrene equivalents
PAH	Polycyclic aromatic hydrocarbons
PCB	Polychlorinated biphenyls
S.U.	A unitless scale of acidity (in pH)
TPH	Total petroleum hydrocarbons

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURANS	DISSOLVED METALS (UG/L)												
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
			DIOXINS/FURANS	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED
			MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-20	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-25	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-30	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-25	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-30	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-15	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-20	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-25	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-30	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-15	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-20	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-25	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-30	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-20	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-25	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-30	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-20	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-25	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-30	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-35	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-15	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-20	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-25	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-30	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-35	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-15	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-20	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-25	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-30	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-10-05-10	E-DPTW-10	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-15	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-20	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-12-15-20	E-DPTW-12	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-13-05-10	E-DPTW-13	20171006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-05-10	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-10-15	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-15-20	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-20-25	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-05-10	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-10-15	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY
								FILTERED (0.10) METALS (UG/L)									
			DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-20	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-25	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-30	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-25	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-30	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-15	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-20	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-25	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-30	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-15	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-20	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-25	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-30	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-20	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-25	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-30	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-20	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-25	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-30	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-35	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-15	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-20	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-25	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-30	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-35	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-15	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-20	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-25	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-30	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-10-05-10	E-DPTW-10	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-15	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-20	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-12-15-20	E-DPTW-12	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-13-05-10	E-DPTW-13	20171006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-05-10	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-10-15	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-15-20	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-20-25	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-05-10	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-10-15	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER
			FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-20	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-25	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-30	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-25	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-30	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-15	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-20	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-25	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-30	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-15	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-20	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-25	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-30	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-20	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-25	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-30	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-20	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-25	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-30	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-35	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-15	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-20	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-25	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-30	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-35	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-15	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-20	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-25	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-30	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-10-05-10	E-DPTW-10	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-15	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-20	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-12-15-20	E-DPTW-12	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-13-05-10	E-DPTW-13	20171006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-05-10	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-10-15	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-15-20	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-20-25	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-05-10	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-10-15	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	LED (0.45) METALS (UG/L)														
			LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
			FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.15 J
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-20	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-25	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-30	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-25	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-30	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-15	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-20	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-25	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-30	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-15	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-20	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-25	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-30	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-20	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-25	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-30	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-20	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-25	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-30	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-35	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-15	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-20	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-25	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-30	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-35	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-15	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-20	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-25	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-30	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-10-05-10	E-DPTW-10	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-15	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-20	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-12-15-20	E-DPTW-12	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-13-05-10	E-DPTW-13	20171006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-05-10	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-10-15	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-15-20	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-20-25	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-05-10	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-10-15	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)														
			CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE
			METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	--	1.2 J	--	1.9 U	--	1.9 U	--	--	0.09 U	--	0.84 J	--	--	--	--
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-20	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-25	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-30	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-25	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-30	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-15	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-20	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-25	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-30	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-15	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-20	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-25	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-30	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-20	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-25	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-30	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-20	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-25	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-30	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-35	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-15	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-20	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-25	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-30	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-35	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-15	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-20	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-25	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-30	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-10-05-10	E-DPTW-10	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-15	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-20	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-12-15-20	E-DPTW-12	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-13-05-10	E-DPTW-13	20171006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-05-10	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-10-15	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-15-20	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-20-25	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-05-10	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-10-15	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SILVER	SODIUM	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MICROBIOLOGICAL (CELLS/ML)				
													BAV1 VC R-DASE	DEHALOBACTER	DEHALOCOCCOIDES	TCE R-DASE	VC R-DASE
			METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	0.92 U	--	--	--	--	--	--	--	--	9.6 U	--	--	--	--	--
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-20	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-25	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-30	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-25	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-30	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-15	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-20	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-25	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-30	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-15	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-20	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-25	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-30	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-20	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-25	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-30	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-20	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-25	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-30	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-35	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-15	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-20	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-25	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-30	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-35	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-15	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-20	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-25	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-30	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-10-05-10	E-DPTW-10	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-15	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-20	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-12-15-20	E-DPTW-12	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-13-05-10	E-DPTW-13	20171006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-05-10	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-10-15	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-15-20	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-20-25	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-05-10	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-10-15	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)														
			ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON	HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE	NITRITE-N
			MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	--	--	--	6.6 b	--	--	16	--	0.0022 J	--	--	--	--	--	--
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-20	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-25	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-30	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-25	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-30	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-15	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-20	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-25	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-30	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-15	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-20	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-25	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-30	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-20	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-25	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-30	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-20	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-25	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-30	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-35	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-15	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-20	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-25	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-30	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-35	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-15	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-20	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-25	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-30	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-10-05-10	E-DPTW-10	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-15	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-20	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-12-15-20	E-DPTW-12	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-13-05-10	E-DPTW-13	20171006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-05-10	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-10-15	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-15-20	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-20-25	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-05-10	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-10-15	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL PHOSPHORUS-P	TOTAL SUSPENDED SOLIDS	PH	BROMIDE
			MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	S.U.	UG/L
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	--	--	--	--	--	--	--	5.5	--	--	--	0.05 U	4	8.68	--
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-20	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-25	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-30	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-25	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-30	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-15	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-20	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-25	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-30	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-15	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-20	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-25	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-30	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-20	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-25	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-30	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-20	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-25	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-30	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-35	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-15	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-20	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-25	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-30	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-35	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-15	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-20	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-25	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-30	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-10-05-10	E-DPTW-10	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-15	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-20	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-12-15-20	E-DPTW-12	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-13-05-10	E-DPTW-13	20171006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-05-10	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-10-15	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-15-20	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-20-25	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-05-10	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-10-15	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	S PARAMETERS	PCB HOMOLOGS (UG/L)														
			PERCHLORATE	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS
			MISCELLANEOUS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS,	PCB HOMOLOGS,	PCB HOMOLOGS,
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-20	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-25	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-30	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-25	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-30	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-15	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-20	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-25	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-30	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-15	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-20	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-25	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-30	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-20	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-25	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-30	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-20	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-25	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-30	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-35	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-15	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-20	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-25	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-30	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-35	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-15	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-20	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-25	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-30	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-10-05-10	E-DPTW-10	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-15	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-20	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-12-15-20	E-DPTW-12	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-13-05-10	E-DPTW-13	20171006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-05-10	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-10-15	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-15-20	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-20-25	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-05-10	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-10-15	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCB HOMOLOGS, FILTERED (UG/L)															
			MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232
			PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	0.16 U	0.12 U	0.15 U
DW-01-01052015	DW-01	20150105	--	--	--	--	--	--	--	0.017 U	0.0086 U	0.013 U	0.012 U	0.013 U	0.1 U	0.11 U	0.17 U
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-20	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-25	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-30	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-25	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-30	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-15	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-20	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-25	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-30	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-15	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-20	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-25	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-30	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-20	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-25	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-30	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-20	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-25	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-30	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-35	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-15	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-20	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-25	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-30	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-35	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-15	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-20	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-25	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-30	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-10-05-10	E-DPTW-10	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-15	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-20	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-12-15-20	E-DPTW-12	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-13-05-10	E-DPTW-13	20171006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-05-10	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-10-15	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-15-20	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-20-25	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-05-10	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-10-15	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCBS (UG/L)														
			AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	BETA-BHC	CHLORDANE (TECHNICAL)	DECACHLOROBIPHENYL	DELTA-BHC	DICHLOROBIPHENYLS	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DL-01-121814	DL-01	20141218	0.21 U	0.095 U	0.15 U	0.16 U	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	0.14 U	0.15 U	0.076 U	0.09 U	--	--	0.012 U	0.031 U	--	0.028 U	0.009 U	0.012 U	0.015 U	0.014 U	0.01 U
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	0.031 U	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	0.031 U	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	0.031 U	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	0.031 U	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-20	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-25	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-30	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-25	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-30	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-15	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-20	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-25	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-30	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-15	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-20	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-25	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-30	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-20	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-25	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-30	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-20	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-25	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-30	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-35	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-15	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-20	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-25	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-30	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-35	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-15	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-20	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-25	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-30	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-10-05-10	E-DPTW-10	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-15	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-20	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-12-15-20	E-DPTW-12	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-13-05-10	E-DPTW-13	20171006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-05-10	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-10-15	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-15-20	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-20-25	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-05-10	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-10-15	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ENDRIN	ENDRIN ALDEHYDE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	0.011 U	0.0076 U	0.011 U	0.0048 U	0.013 U	0.02 U	0.03 U	0.009 U	0.044 U	0.045 U	0.044 U	0.015 U	0.016 U	-99 U	--
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-20	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-25	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-30	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-25	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-30	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-15	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-20	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-25	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-30	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-15	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-20	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-25	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-30	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-20	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-25	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-30	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-20	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-25	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-30	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-35	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-15	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-20	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-25	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-30	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-35	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-15	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-20	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-25	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-30	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-10-05-10	E-DPTW-10	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-15	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-20	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-12-15-20	E-DPTW-12	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-13-05-10	E-DPTW-13	20171006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-05-10	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-10-15	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-15-20	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-20-25	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-05-10	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-10-15	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE			PETROLEUM HYDROCARBONS		PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)						
			TOXAPHENE	TRICHLOROBIPHENYLS	OIL & GREASE - HEM	OIL & GREASE-SGT-HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235
			PCBS (UG/L)	PCBS (UG/L)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
			UG/L	UG/L	MG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	0.19 U	0.008 U	1.2 J	1.1 U	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-1	DW-01	20150105	0.19 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	0.19 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	0.19 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	0.19 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	0.19 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-20	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-25	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-30	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-25	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-30	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-15	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-20	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-25	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-30	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-15	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-20	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-25	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-30	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-20	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-25	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-30	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-20	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-25	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-30	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-35	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-15	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-20	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-25	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-30	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-35	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-15	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-20	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-25	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-30	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-10-05-10	E-DPTW-10	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-15	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-20	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-12-15-20	E-DPTW-12	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-13-05-10	E-DPTW-13	20171006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-05-10	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-10-15	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-15-20	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-20-25	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-05-10	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-10-15	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE				SEMIVOLATILE											
			URANIUM-235/236	URANIUM-236	URANIUM-238	1,4-DIOXANE	1,1-BIPHENYL	1,2,4-TRICHLOROBENZENE	1,2-DIPHENYLHYDRAZINE	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE
			RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILE	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	--	--	--	--	--	0.27 U	0.28 U	--	0.38 U	--	0.76 U	0.76 U	0.76 U	--	0.26 U
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-20	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-25	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-30	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-25	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-30	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-15	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-20	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-25	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-30	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-15	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-20	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-25	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-30	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-20	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-25	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-30	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-20	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-25	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-30	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-35	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-15	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-20	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-25	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-30	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-35	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-15	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-20	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-25	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-30	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-10-05-10	E-DPTW-10	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-15	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-20	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-12-15-20	E-DPTW-12	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-13-05-10	E-DPTW-13	20171006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-05-10	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-10-15	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-15-20	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-20-25	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-05-10	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-10-15	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
			SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	0.76 U	0.095 U	0.28 U	--	--	--	0.27 U	--	0.35 U	--	2.3 U	0.76 U	0.76 U	--	0.29 U
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-20	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-25	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-30	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-25	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-30	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-15	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-20	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-25	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-30	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-15	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-20	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-25	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-30	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-20	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-25	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-30	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-20	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-25	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-30	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-35	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-15	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-20	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-25	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-30	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-35	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-15	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-20	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-25	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-30	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-10-05-10	E-DPTW-10	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-15	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-20	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-12-15-20	E-DPTW-12	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-13-05-10	E-DPTW-13	20171006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-05-10	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-10-15	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-15-20	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-20-25	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-05-10	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-10-15	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)														
			4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZIDINE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
			SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	--	--	2.3 U	0.095 U	0.095 U	--	0.095 U	--	--	0.095 U	0.095 U	--	2.3 U	0.095 U	0.095 U
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-20	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-25	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-30	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-25	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-30	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-15	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-20	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-25	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-30	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-15	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-20	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-25	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-30	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-20	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-25	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-30	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-20	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-25	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-30	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-35	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-15	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-20	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-25	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-30	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-35	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-15	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-20	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-25	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-30	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-10-05-10	E-DPTW-10	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-15	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-20	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-12-15-20	E-DPTW-12	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-13-05-10	E-DPTW-13	20171006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-05-10	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-10-15	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-15-20	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-20-25	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-05-10	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-10-15	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
			SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	0.095 U	0.095 U	0.095 U	0.3 U	0.095 U	2.1 J	0.76 U	--	--	0.095 U	0.095 U	--	0.57 U	0.28 U	1.6 U
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-20	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-25	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-30	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-25	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-30	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-15	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-20	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-25	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-30	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-15	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-20	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-25	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-30	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-20	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-25	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-30	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-20	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-25	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-30	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-35	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-15	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-20	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-25	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-30	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-35	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-15	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-20	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-25	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-30	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-10-05-10	E-DPTW-10	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-15	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-20	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-12-15-20	E-DPTW-12	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-13-05-10	E-DPTW-13	20171006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-05-10	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-10-15	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-15-20	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-20-25	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-05-10	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-10-15	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	0.76 U	0.095 U	0.095 U	0.095 U	0.26 U	0.23 U	0.76 U	0.095 U	0.26 U	0.095 U	0.038 U	0.3 U	0.76 U	0.3 U	2.3 U
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-20	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-25	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-30	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-25	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-30	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-15	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-20	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-25	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-30	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-15	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-20	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-25	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-30	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-20	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-25	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-30	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-20	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-25	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-30	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-35	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-15	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-20	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-25	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-30	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-35	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-15	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-20	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-25	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-30	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-10-05-10	E-DPTW-10	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-15	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-20	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-12-15-20	E-DPTW-12	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-13-05-10	E-DPTW-13	20171006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-05-10	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-10-15	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-15-20	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-20-25	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-05-10	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-10-15	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)										VC
			PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL-	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE	DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	SILANOL, TRIMETHYL-	ETHANE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILE GASES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	0.095 U	0.57 U	0.095 U	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-20	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-25	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-30	E-DPT-1024	20131004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-25	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1027-30	E-DPT-1027	20131007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-15	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-20	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-25	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1029-30	E-DPT-1029	20131010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-15	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-20	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-25	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1032-30	E-DPT-1032	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-20	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-25	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1034-30	E-DPT-1034	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-20	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-25	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-30	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1035-35	E-DPT-1035	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-15	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-20	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-25	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-30	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1036-35	E-DPT-1036	20131009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-15	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-20	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-25	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1038-30	E-DPT-1038	20131008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-10-05-10	E-DPTW-10	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-15	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-11-10-20	E-DPTW-11	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-12-15-20	E-DPTW-12	20171005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-13-05-10	E-DPTW-13	20171006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-05-10	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-10-15	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-15-20	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-14-20-25	E-DPTW-14	20171002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-05-10	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-10-15	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILE GASES (UG/L)															
			ETHENE	METHANE	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE
			VOLATILE GASES	VOLATILE GASES	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	--	--	--	0.22 U	0.22 U	0.17 U	--	0.26 U	0.45 U	--	--	--	--	--	--
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
E-DPT-1024-20	E-DPT-1024	20131004	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
E-DPT-1024-25	E-DPT-1024	20131004	--	--	2.3 UL	2.2 UL	1.8 UL	--	2.8 UL	1.5 UL	1.9 UL	1.3 UL	1.7 UL	4.3 UL	0.059 UL	1.5 UL	1.2 UL
E-DPT-1024-30	E-DPT-1024	20131004	--	--	0.23 UL	0.22 UL	0.18 UL	--	0.28 UL	0.93 J	0.3 J	0.13 UL	0.17 UL	0.43 UL	0.0059 UL	0.15 UL	0.12 UL
E-DPT-1027-25	E-DPT-1027	20131007	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
E-DPT-1027-30	E-DPT-1027	20131007	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	1.4	0.39 J	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
E-DPT-1029-15	E-DPT-1029	20131010	--	--	1.2 U	1.1 U	0.9 U	--	1.4 U	0.75 U	0.95 U	0.65 U	0.85 U	2.2 U	0.03 U	0.75 U	0.6 U
E-DPT-1029-20	E-DPT-1029	20131010	--	--	5.8 U	5.5 U	4.5 U	--	7 U	3.8 U	4.8 U	3.3 U	4.3 U	11 U	0.15 U	3.8 U	3 U
E-DPT-1029-25	E-DPT-1029	20131010	--	--	770 U	730 U	600 U	--	930 U	500 U	630 U	430 U	570 U	1400 U	20 U	500 U	400 U
E-DPT-1029-30	E-DPT-1029	20131010	--	--	4600 U	4400 U	3600 U	--	5600 U	3000 U	3800 U	2600 U	3400 U	8600 U	120 U	3000 U	2400 U
E-DPT-1032-15	E-DPT-1032	20131009	--	--	580 U	550 U	450 U	--	700 U	380 U	480 U	330 U	430 U	1100 U	15 U	380 U	300 U
E-DPT-1032-20	E-DPT-1032	20131009	--	--	1200 U	1100 U	900 U	--	1400 U	750 U	950 U	650 U	850 U	2200 U	30 U	750 U	600 U
E-DPT-1032-25	E-DPT-1032	20131009	--	--	12 U	11 U	9 U	--	14 U	7.5 U	9.5 U	6.5 U	8.5 U	22 U	0.3 U	7.5 U	6 U
E-DPT-1032-30	E-DPT-1032	20131009	--	--	33 U	31 U	26 U	--	40 U	21 U	27 U	19 U	24 U	61 U	0.84 U	21 U	17 U
E-DPT-1034-20	E-DPT-1034	20131008	--	--	7.7 U	7.3 U	6 U	--	16 J	5 U	6.3 U	4.3 U	5.7 U	14 U	0.2 U	5 U	4 U
E-DPT-1034-25	E-DPT-1034	20131008	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
E-DPT-1034-30	E-DPT-1034	20131008	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	1.3	0.29 J	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
E-DPT-1035-20	E-DPT-1035	20131009	--	--	1200 U	1100 U	900 U	--	1400 U	750 U	950 U	650 U	850 U	2200 U	30 U	750 U	600 U
E-DPT-1035-25	E-DPT-1035	20131009	--	--	29 U	28 U	23 U	--	35 U	19 U	24 U	16 U	21 U	54 U	0.74 U	19 U	15 U
E-DPT-1035-30	E-DPT-1035	20131009	--	--	3.8 U	3.7 U	3 U	--	4.7 U	2.5 U	3.2 U	2.2 U	2.8 U	7.2 U	0.098 U	2.5 U	2 U
E-DPT-1035-35	E-DPT-1035	20131009	--	--	2.9 UL	2.8 UL	2.3 UL	--	3.5 UL	1.9 UL	4.3 J	1.6 UL	2.1 UL	5.4 UL	0.074 UL	1.9 UL	1.5 UL
E-DPT-1036-15	E-DPT-1036	20131009	--	--	18 U	17 U	14 U	--	22 U	12 U	15 U	10 U	13 U	33 U	0.45 U	12 U	9.2 U
E-DPT-1036-20	E-DPT-1036	20131009	--	--	77 U	73 U	60 U	--	93 U	50 U	63 U	43 U	57 U	140 U	2 U	50 U	40 U
E-DPT-1036-25	E-DPT-1036	20131009	--	--	12 U	11 U	9 U	--	14 U	7.5 U	9.5 U	6.5 U	8.5 U	22 U	0.3 U	7.5 U	6 U
E-DPT-1036-30	E-DPT-1036	20131009	--	--	2.6 U	2.4 U	2 U	--	3.1 U	1.7 U	2.1 U	1.4 U	1.9 U	4.8 U	0.066 U	1.7 U	1.3 U
E-DPT-1036-35	E-DPT-1036	20131009	--	--	0.58 U	0.55 U	0.45 U	--	0.7 U	0.38 U	0.48 U	0.33 U	0.43 U	1.1 U	0.015 U	0.38 U	0.3 U
E-DPT-1038-15	E-DPT-1038	20131008	--	--	380 U	370 U	300 U	--	850 J	250 U	320 U	220 U	280 U	720 U	9.8 U	250 U	200 U
E-DPT-1038-20	E-DPT-1038	20131008	--	--	580 U	550 U	450 U	--	700 U	380 U	480 U	330 U	430 U	1100 U	15 U	380 U	300 U
E-DPT-1038-25	E-DPT-1038	20131008	--	--	230 U	220 U	180 U	--	280 U	150 U	190 U	130 U	170 U	430 U	5.9 U	150 U	120 U
E-DPT-1038-30	E-DPT-1038	20131008	--	--	1.2 U	1.1 U	0.9 U	--	1.4 U	0.75 U	0.95 U	0.65 U	0.85 U	2.2 U	0.03 U	0.75 U	0.6 U
E-DPTW-10-05-10	E-DPTW-10	20171005	--	--	--	1.9 U	2.7 U	2.8 U	3.4 U	2.7 J	2.2 U	--	--	--	--	29	--
E-DPTW-11-10-15	E-DPTW-11	20171005	--	--	--	9.2 U	13 U	14 U	16 U	10 U	11 U	--	--	--	--	31 J	--
E-DPTW-11-10-20	E-DPTW-11	20171005	--	--	--	4.6 U	6.4 U	6.8 U	8.2 U	5 U	5.4 U	--	--	--	--	9.2 J	--
E-DPTW-12-15-20	E-DPTW-12	20171005	--	--	--	23 U	32 U	34 U	41 U	25 U	27 U	--	--	--	--	95 J	--
E-DPTW-13-05-10	E-DPTW-13	20171006	--	--	--	0.23 U	0.32 U	0.34 U	0.41 U	0.25 U	0.27 U	--	--	--	--	24	--
E-DPTW-14-05-10	E-DPTW-14	20171002	--	--	--	58 U	80 U	85 U	100 U	63 U	68 U	--	--	--	--	3600	--
E-DPTW-14-10-15	E-DPTW-14	20171002	--	--	--	29 U	40 U	43 U	51 U	31 U	34 U	--	--	--	--	2000	--
E-DPTW-14-15-20	E-DPTW-14	20171002	--	--	--	0.46 U	0.64 U	0.68 U	0.82 UJ	0.5 U	0.54 U	--	--	--	--	66	--
E-DPTW-14-20-25	E-DPTW-14	20171002	--	--	--	46 U	64 U	68 U	82 U	50 U	54 U	--	--	--	--	5800	--
E-DPTW-26-05-10	E-DPTW-26	20171011	--	--	--	0.23 U	0.32 U	0.34 U	0.41 U	0.25 U	0.27 U	--	--	--	--	0.27 U	--
E-DPTW-26-10-15	E-DPTW-26	20171011	--	--	--	0.23 U	0.32 U	0.34 U	0.41 U	0.25 U	0.27 U	--	--	--	--	0.27 U	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRICHLOROBENZENE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	1,4-DIOXANE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	--	--	0.17 U	0.2 U	0.22 U	--	--	0.17 U	--	0.16 U	--	--	--	1.2 U	--
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
E-DPT-1024-20	E-DPT-1024	20131004	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	1.2 J	0.99 U	0.11 U
E-DPT-1024-25	E-DPT-1024	20131004	6.7 UL	2.4 UL	1.3 UL	2.2 UL	1.8 UL	--	--	1.4 UL	1.6 UL	1.3 UL	--	1.3 UL	5.7 UL	9.9 UL	1.1 UL
E-DPT-1024-30	E-DPT-1024	20131004	0.67 UL	0.24 UL	0.13 UL	0.22 UL	0.18 UL	--	--	0.14 UL	0.16 UL	0.13 UL	--	0.13 UL	0.57 UL	0.99 UL	0.11 UL
E-DPT-1027-25	E-DPT-1027	20131007	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 UR	0.11 U
E-DPT-1027-30	E-DPT-1027	20131007	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	4.2 J	0.99 U	0.11 U
E-DPT-1029-15	E-DPT-1029	20131010	3.4 U	1.2 U	0.65 U	1.1 U	0.9 U	--	--	0.7 U	0.8 U	0.65 U	--	0.65 U	2.9 U	5 U	0.55 U
E-DPT-1029-20	E-DPT-1029	20131010	17 U	6 U	3.3 U	5.5 U	4.5 U	--	--	3.5 U	4 U	3.3 U	--	3.3 U	14 U	25 U	2.8 U
E-DPT-1029-25	E-DPT-1029	20131010	2200 U	800 U	430 U	730 U	600 U	--	--	470 U	530 U	430 U	--	430 U	1900 U	3300 U	370 U
E-DPT-1029-30	E-DPT-1029	20131010	13000 U	4800 U	2600 U	4400 U	3600 U	--	--	2800 U	3200 U	2600 U	--	2600 U	11000 U	20000 U	2200 U
E-DPT-1032-15	E-DPT-1032	20131009	1700 U	600 U	330 U	550 U	450 U	--	--	350 U	400 U	330 U	--	330 U	1400 U	2500 UL	280 U
E-DPT-1032-20	E-DPT-1032	20131009	3400 U	1200 U	650 U	1100 U	900 U	--	--	700 U	800 U	650 U	--	650 U	2900 U	5000 UL	550 U
E-DPT-1032-25	E-DPT-1032	20131009	34 U	12 U	6.5 U	11 U	9 U	--	--	7 U	8 U	6.5 U	--	6.5 U	29 U	50 UL	5.5 U
E-DPT-1032-30	E-DPT-1032	20131009	96 U	34 U	19 U	31 U	26 U	--	--	20 U	23 U	19 U	--	19 U	81 U	140 UL	16 U
E-DPT-1034-20	E-DPT-1034	20131008	22 U	8 U	4.3 U	7.3 U	6 U	--	--	4.7 U	5.3 U	4.3 U	--	4.3 U	19 U	33 U	3.7 U
E-DPT-1034-25	E-DPT-1034	20131008	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
E-DPT-1034-30	E-DPT-1034	20131008	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
E-DPT-1035-20	E-DPT-1035	20131009	3400 U	1200 U	650 U	1100 U	900 U	--	--	700 U	800 U	650 U	--	650 U	2900 U	5000 UL	550 U
E-DPT-1035-25	E-DPT-1035	20131009	84 U	30 U	16 U	28 U	23 U	--	--	18 U	20 U	16 U	--	16 U	71 U	120 UL	14 U
E-DPT-1035-30	E-DPT-1035	20131009	11 U	4 U	2.2 U	3.7 U	3 U	--	--	2.3 U	2.7 U	2.2 U	--	2.2 U	9.5 U	17 UL	1.8 U
E-DPT-1035-35	E-DPT-1035	20131009	8.4 UL	3 UL	1.6 UL	2.8 UL	2.3 UL	--	--	1.8 UL	2 UL	1.6 UL	--	1.6 UL	7.1 UL	12 UL	1.4 UL
E-DPT-1036-15	E-DPT-1036	20131009	52 U	18 U	10 U	17 U	14 U	--	--	11 U	12 U	10 U	--	10 U	44 U	76 UL	8.5 U
E-DPT-1036-20	E-DPT-1036	20131009	220 U	80 U	43 U	73 U	60 U	--	--	47 U	53 U	43 U	--	43 U	190 U	330 UL	37 U
E-DPT-1036-25	E-DPT-1036	20131009	34 U	12 U	6.5 U	11 U	9 U	--	--	7 U	8 U	6.5 U	--	6.5 U	29 U	50 UL	5.5 U
E-DPT-1036-30	E-DPT-1036	20131009	7.4 U	2.7 U	1.4 U	2.4 U	2 U	--	--	1.6 U	1.8 U	1.4 U	--	1.4 U	6.3 U	11 UL	1.2 U
E-DPT-1036-35	E-DPT-1036	20131009	1.7 U	0.6 U	0.33 U	0.55 U	0.45 U	--	--	0.35 U	0.4 U	0.33 U	--	0.33 U	1.4 U	2.5 UL	0.28 U
E-DPT-1038-15	E-DPT-1038	20131008	1100 U	400 U	220 U	370 U	300 U	--	--	230 U	270 U	220 U	--	220 U	950 U	1700 U	180 U
E-DPT-1038-20	E-DPT-1038	20131008	1700 U	600 U	330 U	550 U	450 U	--	--	350 U	400 U	330 U	--	330 U	1400 U	2500 U	280 U
E-DPT-1038-25	E-DPT-1038	20131008	670 U	240 U	130 U	220 U	180 U	--	--	140 U	160 U	130 U	--	130 U	570 U	990 U	110 U
E-DPT-1038-30	E-DPT-1038	20131008	3.4 U	1.2 U	0.65 U	1.1 U	0.9 U	--	--	0.7 U	0.8 U	0.65 U	--	0.65 U	2.9 U	5 U	0.55 U
E-DPTW-10-05-10	E-DPTW-10	20171005	3.9 U	1.9 U	2.2 U	5.8 J	2.5 U	--	--	2.7 U	--	5.6 J	--	--	8.5 U	--	--
E-DPTW-11-10-15	E-DPTW-11	20171005	19 U	9.2 U	10 U	1300	12 U	--	--	13 U	--	9.2 U	--	--	41 U	--	--
E-DPTW-11-10-20	E-DPTW-11	20171005	9.4 U	4.6 U	5.2 U	890	6.8 J	--	--	6.4 U	--	4.6 U	--	--	20 U	--	--
E-DPTW-12-15-20	E-DPTW-12	20171005	47 U	23 U	26 U	4000	37 J	--	--	32 U	--	28 J	--	--	100 U	--	--
E-DPTW-13-05-10	E-DPTW-13	20171006	0.47 U	0.23 U	1.5	6.1	0.3 U	--	--	15	--	11	--	--	1.4 J	--	--
E-DPTW-14-05-10	E-DPTW-14	20171002	120 U	58 U	100 J	75 U	75 U	--	--	80 U	--	140 J	--	--	260 U	--	--
E-DPTW-14-10-15	E-DPTW-14	20171002	59 U	29 U	39 J	38 U	38 U	--	--	40 U	--	46 J	--	--	130 U	--	--
E-DPTW-14-15-20	E-DPTW-14	20171002	0.94 U	0.46 U	0.78 J	0.6 U	0.6 U	--	--	0.64 U	--	1.1 J	--	--	2.1 J	--	--
E-DPTW-14-20-25	E-DPTW-14	20171002	94 U	46 U	82 J	60 U	60 U	--	--	64 U	--	110 J	--	--	200 U	--	--
E-DPTW-26-05-10	E-DPTW-26	20171011	0.47 U	0.23 U	0.26 U	0.3 U	0.3 U	--	--	0.32 U	--	0.23 U	--	--	1 UJ	--	--
E-DPTW-26-10-15	E-DPTW-26	20171011	0.47 U	0.23 U	0.26 U	0.3 U	0.3 U	--	--	0.32 U	--	0.23 U	--	--	1 UJ	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	ACROLEIN	ACRYLONITRILE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	--	--	--	--	--	1.4 U	6.3 U	0.24 U	--	--	0.15 U	0.56 U	0.63 U	--	0.17 U
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	0.41 U	0.18 U	0.12 U	0.32 U	6.6 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.16 B	0.13 U
E-DPT-1024-20	E-DPT-1024	20131004	0.41 U	0.18 U	0.12 U	0.32 U	5.4 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.82 B	0.13 U
E-DPT-1024-25	E-DPT-1024	20131004	4.1 UL	1.8 UL	1.2 UL	3.2 UL	11 UL	--	--	1.3 UL	1.3 UL	2.9 UL	1.5 UL	6.4 UL	4.1 UL	1.3 UL	1.3 UL
E-DPT-1024-30	E-DPT-1024	20131004	0.41 UL	0.18 UL	0.12 UL	0.32 UL	10 B	--	--	0.41 J	0.13 UL	0.29 UL	0.15 UL	0.64 UL	0.41 UL	1.8 L	0.13 UL
E-DPT-1027-25	E-DPT-1027	20131007	0.41 U	0.18 U	0.12 U	0.32 U	7.4 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.18 B	0.13 U
E-DPT-1027-30	E-DPT-1027	20131007	0.41 U	0.18 U	0.12 U	0.32 U	8.2 B	--	--	0.29 J	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.71 B	0.74 J
E-DPT-1029-15	E-DPT-1029	20131010	2.1 U	0.9 U	0.6 U	1.6 U	11 B	--	--	0.65 U	0.65 U	1.5 U	0.75 U	3.2 U	2.1 U	0.65 U	0.65 U
E-DPT-1029-20	E-DPT-1029	20131010	10 U	4.5 U	3 U	8 U	31 B	--	--	3.3 U	3.3 U	7.3 U	3.8 U	16 U	10 U	3.3 U	3.3 U
E-DPT-1029-25	E-DPT-1029	20131010	1400 U	600 U	400 U	1100 U	3700 U	--	--	430 U	430 U	970 U	500 U	2100 U	1400 U	430 U	430 U
E-DPT-1029-30	E-DPT-1029	20131010	8200 U	3600 U	2400 U	6400 U	22000 U	--	--	2600 U	2600 U	5800 U	3000 U	13000 U	8200 U	2600 U	2600 U
E-DPT-1032-15	E-DPT-1032	20131009	1000 U	450 U	300 U	800 U	2800 U	--	--	330 U	330 U	730 U	380 U	1600 U	1000 U	330 U	330 U
E-DPT-1032-20	E-DPT-1032	20131009	2100 U	900 U	600 U	1600 U	5500 U	--	--	650 U	650 U	1500 U	750 U	3200 U	2100 U	650 U	650 U
E-DPT-1032-25	E-DPT-1032	20131009	21 U	9 U	6 U	16 U	62 B	--	--	6.5 U	6.5 U	15 U	7.5 U	32 U	21 U	6.5 U	6.5 U
E-DPT-1032-30	E-DPT-1032	20131009	59 U	26 U	17 U	46 U	160 U	--	--	19 U	19 U	41 U	21 U	91 U	59 U	19 U	19 U
E-DPT-1034-20	E-DPT-1034	20131008	14 U	6 U	4 U	11 U	100 B	--	--	4.3 U	4.3 U	9.7 U	5 U	21 U	14 U	4.3 U	4.3 U
E-DPT-1034-25	E-DPT-1034	20131008	0.41 U	0.18 U	0.12 U	0.32 U	2.6 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.18 B	0.13 U
E-DPT-1034-30	E-DPT-1034	20131008	0.41 U	0.18 U	0.12 U	0.32 U	6.4 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.15 B	8.2
E-DPT-1035-20	E-DPT-1035	20131009	2100 U	900 U	600 U	1600 U	5500 U	--	--	650 U	650 U	1500 U	750 U	3200 U	2100 U	650 U	650 U
E-DPT-1035-25	E-DPT-1035	20131009	51 U	23 U	15 U	40 U	140 U	--	--	16 U	16 U	36 U	19 U	80 U	51 U	16 U	16 U
E-DPT-1035-30	E-DPT-1035	20131009	6.8 U	3 U	2 U	5.3 U	20 B	--	--	2.2 U	2.2 U	4.8 U	2.5 U	11 U	6.8 U	2.2 U	3.5 J
E-DPT-1035-35	E-DPT-1035	20131009	5.1 UL	2.3 UL	1.5 UL	4 UL	28 B	--	--	1.6 UL	1.6 UL	3.6 UL	1.9 UL	8 UL	5.1 UL	1.6 UL	1.6 UL
E-DPT-1036-15	E-DPT-1036	20131009	32 U	14 U	9.2 U	25 U	85 U	--	--	10 U	10 U	22 U	12 U	49 U	32 U	10 U	10 U
E-DPT-1036-20	E-DPT-1036	20131009	140 U	60 U	40 U	110 U	370 U	--	--	43 U	43 U	97 U	50 U	210 U	140 U	43 U	43 U
E-DPT-1036-25	E-DPT-1036	20131009	21 U	9 U	6 U	16 U	55 U	--	--	6.5 U	6.5 U	15 U	7.5 U	32 U	21 U	6.5 U	6.5 U
E-DPT-1036-30	E-DPT-1036	20131009	4.6 U	2 U	1.3 U	3.6 U	15 B	--	--	1.4 U	1.4 U	3.2 U	1.7 U	7.1 U	4.6 U	1.4 U	1.4 U
E-DPT-1036-35	E-DPT-1036	20131009	1 U	0.45 U	0.3 U	0.8 U	8.1 B	--	--	0.33 U	0.33 U	0.73 U	0.38 U	1.6 U	1 U	0.33 U	0.9 J
E-DPT-1038-15	E-DPT-1038	20131008	680 U	300 U	200 U	530 U	2100 B	--	--	220 U	220 U	480 U	250 U	1100 U	680 U	220 U	220 U
E-DPT-1038-20	E-DPT-1038	20131008	1000 U	450 U	300 U	800 U	3700 B	--	--	330 U	330 U	730 U	380 U	1600 U	1000 U	330 U	330 U
E-DPT-1038-25	E-DPT-1038	20131008	410 U	180 U	120 U	320 U	1100 U	--	--	130 U	130 U	290 U	150 U	640 U	410 U	130 U	130 U
E-DPT-1038-30	E-DPT-1038	20131008	2.1 U	0.9 U	0.6 U	1.6 U	11 B	--	--	0.65 U	0.65 U	1.5 U	0.75 U	3.2 U	2.1 U	0.65 U	2.9 J
E-DPTW-10-05-10	E-DPTW-10	20171005	10 U	--	--	5.9 U	16 J	--	--	2.3 U	--	--	2.5 U	3.6 U	3.5 U	2.8 U	2.9 U
E-DPTW-11-10-15	E-DPTW-11	20171005	49 U	--	--	28 U	70 U	--	--	17 J	--	--	12 U	17 U	17 U	14 U	14 U
E-DPTW-11-10-20	E-DPTW-11	20171005	25 U	--	--	14 U	35 U	--	--	9.1 J	--	--	6 U	8.6 U	8.4 U	6.8 U	7 U
E-DPTW-12-15-20	E-DPTW-12	20171005	120 U	--	--	71 U	180 U	--	--	38 J	--	--	30 U	43 U	42 U	34 U	35 U
E-DPTW-13-05-10	E-DPTW-13	20171006	1.2 U	--	--	0.71 U	21	--	--	0.28 U	--	--	0.3 U	0.43 U	0.42 U	0.34 U	0.35 U
E-DPTW-14-05-10	E-DPTW-14	20171002	310 U	--	--	180 U	440 U	--	--	70 U	--	--	75 U	110 U	110 U	85 UJ	88 U
E-DPTW-14-10-15	E-DPTW-14	20171002	150 U	--	--	89 U	220 U	--	--	35 U	--	--	38 U	54 U	53 U	43 UJ	44 U
E-DPTW-14-15-20	E-DPTW-14	20171002	2.5 UJ	--	--	1.4 U	8.7 J	--	--	0.56 U	--	--	0.6 U	0.86 U	0.84 U	0.72 J	0.7 U
E-DPTW-14-20-25	E-DPTW-14	20171002	250 U	--	--	140 U	350 U	--	--	56 U	--	--	60 U	86 U	84 U	68 UJ	70 U
E-DPTW-26-05-10	E-DPTW-26	20171011	1.2 UJ	--	--	0.71 U	16 J	--	--	0.28 U	--	--	0.3 U	0.43 U	0.42 U	0.34 U	0.35 U
E-DPTW-26-10-15	E-DPTW-26	20171011	1.2 UJ	--	--	0.71 U	3.8 J	--	--	0.28 U	--	--	0.3 U	0.43 U	0.42 U	0.93 J	0.35 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)														
			CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	CYCLOHEXANE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIETHYL ETHER	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	0.19 U	0.43 U	0.33 U	0.21 U	--	--	0.46 U	--	--	--	--	--	--	--	0.23 U
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
E-DPT-1024-20	E-DPT-1024	20131004	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
E-DPT-1024-25	E-DPT-1024	20131004	1.5 UL	1.8 UL	2.9 UL	4.5 B	3 UL	1.7 UL	1.4 UL	--	2.8 UL	3.1 UL	--	15 UL	1.1 UL	--	1.7 UL
E-DPT-1024-30	E-DPT-1024	20131004	0.15 UL	0.18 UL	0.29 UL	4.2 B	0.3 UL	20 L	0.14 UL	--	0.28 UL	0.31 UL	--	1.5 UL	0.11 UL	--	0.17 UL
E-DPT-1027-25	E-DPT-1027	20131007	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.64 J	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
E-DPT-1027-30	E-DPT-1027	20131007	0.15 U	0.18 U	0.29 U	7.6	0.3 U	30	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
E-DPT-1029-15	E-DPT-1029	20131010	0.75 U	0.9 U	1.5 U	0.8 U	1.5 U	8.4	0.7 U	--	1.4 U	1.6 U	--	7.5 U	0.55 U	--	0.85 U
E-DPT-1029-20	E-DPT-1029	20131010	3.8 U	4.5 U	7.3 U	4 U	7.5 U	13 J	3.5 U	--	7 U	7.8 U	--	38 U	2.8 U	--	4.3 U
E-DPT-1029-25	E-DPT-1029	20131010	500 U	600 U	970 U	530 U	1000 U	570 U	470 U	--	930 U	1000 U	--	5000 U	370 U	--	570 U
E-DPT-1029-30	E-DPT-1029	20131010	3000 U	3600 U	5800 U	3200 U	6000 U	3400 U	2800 U	--	5600 U	6200 U	--	30000 U	2200 U	--	3400 U
E-DPT-1032-15	E-DPT-1032	20131009	380 U	450 U	730 U	400 U	750 U	430 U	350 U	--	700 U	780 U	--	3800 U	280 U	--	430 U
E-DPT-1032-20	E-DPT-1032	20131009	750 U	900 U	1500 U	800 U	1500 U	850 U	700 U	--	1400 U	1600 U	--	7500 U	550 U	--	850 U
E-DPT-1032-25	E-DPT-1032	20131009	7.5 U	9 U	15 U	8 U	15 U	8.5 U	7 U	--	14 U	16 U	--	75 U	5.5 U	--	8.5 U
E-DPT-1032-30	E-DPT-1032	20131009	21 U	26 U	41 U	23 U	43 U	24 U	20 U	--	40 U	44 U	--	210 U	16 U	--	24 U
E-DPT-1034-20	E-DPT-1034	20131008	5 U	6 U	9.7 U	5.3 U	10 U	67	4.7 U	--	9.3 U	10 U	--	50 U	3.7 U	--	5.7 U
E-DPT-1034-25	E-DPT-1034	20131008	0.15 U	0.18 U	0.29 U	0.18 B	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
E-DPT-1034-30	E-DPT-1034	20131008	0.15 U	0.18 U	0.29 U	9	0.3 U	22	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
E-DPT-1035-20	E-DPT-1035	20131009	750 U	900 U	1500 U	800 U	1500 U	850 U	700 U	--	1400 U	1600 U	--	7500 U	550 U	--	850 U
E-DPT-1035-25	E-DPT-1035	20131009	19 U	23 U	36 U	20 U	38 U	21 U	18 U	--	35 U	39 U	--	190 U	14 U	--	21 U
E-DPT-1035-30	E-DPT-1035	20131009	2.5 U	3 U	4.8 U	5.6 B	5 U	17	2.3 U	--	4.7 U	5.2 U	--	25 U	1.8 U	--	2.8 U
E-DPT-1035-35	E-DPT-1035	20131009	1.9 UL	2.3 UL	3.6 UL	2 UL	3.8 UL	6.2 J	1.8 UL	--	3.5 UL	3.9 UL	--	19 UL	1.4 UL	--	2.1 UL
E-DPT-1036-15	E-DPT-1036	20131009	12 U	14 U	22 U	12 U	23 U	80	11 U	--	22 U	24 U	--	120 U	8.5 U	--	13 U
E-DPT-1036-20	E-DPT-1036	20131009	50 U	60 U	97 U	53 U	100 U	250 J	47 U	--	93 U	100 U	--	500 U	37 U	--	57 U
E-DPT-1036-25	E-DPT-1036	20131009	7.5 U	9 U	15 U	8 U	15 U	8.5 U	7 U	--	14 U	16 U	--	75 U	5.5 U	--	8.5 U
E-DPT-1036-30	E-DPT-1036	20131009	1.7 U	2 U	3.2 U	1.8 U	3.3 U	16	1.6 U	--	3.1 U	3.4 U	--	17 U	1.2 U	--	1.9 U
E-DPT-1036-35	E-DPT-1036	20131009	0.38 U	0.45 U	0.73 U	1.9 B	0.75 U	5.9	0.35 U	--	0.7 U	0.78 U	--	3.8 U	0.28 U	--	0.43 U
E-DPT-1038-15	E-DPT-1038	20131008	250 U	300 U	480 U	270 U	500 U	280 U	230 U	--	470 U	520 U	--	2500 U	180 U	--	280 U
E-DPT-1038-20	E-DPT-1038	20131008	380 U	450 U	730 U	400 U	750 U	430 U	350 U	--	700 U	780 U	--	3800 U	280 U	--	430 U
E-DPT-1038-25	E-DPT-1038	20131008	150 U	180 U	290 U	160 U	300 U	170 U	140 U	--	280 U	310 U	--	1500 U	110 U	--	170 U
E-DPT-1038-30	E-DPT-1038	20131008	0.75 U	0.9 U	1.5 U	4.2 J	1.5 U	11	0.7 U	--	1.4 U	1.6 U	--	7.5 U	0.55 U	--	0.85 U
E-DPTW-10-05-10	E-DPTW-10	20171005	9.1	2.1 U	3.4 UJ	2.6 U	3.6 UJ	2.6 J	2.2 U	3.7 U	--	4.2 U	--	--	--	--	2.2 U
E-DPTW-11-10-15	E-DPTW-11	20171005	690	10 U	16 UJ	12 U	17 UJ	12 U	10 U	18 U	--	20 U	--	--	--	--	10 U
E-DPTW-11-10-20	E-DPTW-11	20171005	310	5 U	8.2 UJ	6.2 U	8.6 UJ	6 U	5.2 U	8.8 U	--	10 U	--	--	--	--	5.2 U
E-DPTW-12-15-20	E-DPTW-12	20171005	2600	25 U	41 UJ	31 U	43 UJ	30 U	26 U	44 U	--	50 U	--	--	--	--	26 U
E-DPTW-13-05-10	E-DPTW-13	20171006	25	0.25 U	0.41 UJ	0.31 U	0.43 UJ	0.3 U	0.26 U	0.44 U	--	0.5 U	--	--	--	--	0.26 U
E-DPTW-14-05-10	E-DPTW-14	20171002	80 U	63 U	100 U	78 U	110 U	75 U	65 U	110 UJ	--	130 U	--	--	--	--	65 U
E-DPTW-14-10-15	E-DPTW-14	20171002	40 U	31 U	51 U	39 U	54 U	38 U	33 U	55 UJ	--	63 U	--	--	--	--	33 U
E-DPTW-14-15-20	E-DPTW-14	20171002	0.64 U	0.5 U	0.82 U	0.62 U	0.86 U	6.1	0.52 U	0.88 UJ	--	1 UJ	--	--	--	--	0.52 U
E-DPTW-14-20-25	E-DPTW-14	20171002	64 U	50 U	82 U	62 U	86 U	60 U	52 U	88 UJ	--	100 U	--	--	--	--	52 U
E-DPTW-26-05-10	E-DPTW-26	20171011	0.32 U	0.25 U	0.41 U	0.31 U	0.43 U	0.3 U	0.26 U	0.44 U	--	0.5 U	--	--	--	--	0.26 U
E-DPTW-26-10-15	E-DPTW-26	20171011	0.32 U	0.25 U	0.41 U	0.31 U	0.43 U	0.3 U	0.26 U	0.44 U	--	0.5 U	--	--	--	--	0.26 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	FLUORODICHLOROMETHANE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015	DW-01	20150105	--	--	--	--	--	--	--	0.28 U	--	--	--	--	--	--	--
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPT-1024-15	E-DPT-1024	20131004	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
E-DPT-1024-20	E-DPT-1024	20131004	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
E-DPT-1024-25	E-DPT-1024	20131004	--	3 UL	1.3 UL	2.4 UL	--	--	2.9 J	3.3 UL	2.4 UL	1.2 UL	1.4 UL	1.4 UL	1.3 UL	1.1 UL	0.67 UL
E-DPT-1024-30	E-DPT-1024	20131004	--	0.3 UL	0.13 UL	0.24 UL	--	--	30 L	0.33 UL	0.24 UL	0.12 UL	0.14 UL	0.14 UL	0.13 UL	0.11 UL	0.067 UL
E-DPT-1027-25	E-DPT-1027	20131007	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
E-DPT-1027-30	E-DPT-1027	20131007	--	0.3 U	0.13 U	0.24 U	--	--	47	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
E-DPT-1029-15	E-DPT-1029	20131010	--	1.5 U	0.65 U	1.2 U	--	--	0.85 U	1.7 U	1.2 U	0.6 U	0.7 U	0.7 U	0.65 U	0.55 U	0.34 U
E-DPT-1029-20	E-DPT-1029	20131010	--	7.5 U	3.3 U	6 U	--	--	4.3 U	8.3 U	6 U	3 U	3.5 U	3.5 U	3.3 U	2.8 U	1.7 U
E-DPT-1029-25	E-DPT-1029	20131010	--	1000 U	430 U	800 U	--	--	570 U	1100 U	800 U	400 U	470 U	470 U	430 U	370 U	220 U
E-DPT-1029-30	E-DPT-1029	20131010	--	6000 U	2600 U	4800 U	--	--	3400 U	6600 U	4800 U	2400 U	2800 U	2800 U	2600 U	2200 U	1300 U
E-DPT-1032-15	E-DPT-1032	20131009	--	750 U	330 U	600 U	--	--	430 U	830 U	600 U	300 U	350 U	350 U	330 U	280 U	170 U
E-DPT-1032-20	E-DPT-1032	20131009	--	1500 U	650 U	1200 U	--	--	850 U	1700 U	1200 U	600 U	700 U	700 U	650 U	550 U	340 U
E-DPT-1032-25	E-DPT-1032	20131009	--	15 U	6.5 U	12 U	--	--	8.5 U	17 U	12 U	6 U	7 U	7 U	6.5 U	5.5 U	3.4 U
E-DPT-1032-30	E-DPT-1032	20131009	--	43 U	19 U	34 U	--	--	24 U	47 U	34 U	17 U	20 U	20 U	19 U	16 U	9.6 U
E-DPT-1034-20	E-DPT-1034	20131008	--	10 U	4.3 U	8 U	--	--	5.7 U	11 U	8 U	4 U	4.7 U	4.7 U	4.3 U	3.7 U	2.2 U
E-DPT-1034-25	E-DPT-1034	20131008	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
E-DPT-1034-30	E-DPT-1034	20131008	--	0.3 U	0.13 U	0.24 U	--	--	41	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
E-DPT-1035-20	E-DPT-1035	20131009	--	1500 U	650 U	1200 U	--	--	850 U	1700 U	1200 U	600 U	700 U	700 U	650 U	550 U	340 U
E-DPT-1035-25	E-DPT-1035	20131009	--	38 U	16 U	30 U	--	--	21 U	41 U	30 U	15 U	18 U	18 U	16 U	14 U	8.4 U
E-DPT-1035-30	E-DPT-1035	20131009	--	5 U	2.2 U	4 U	--	--	23	5.5 U	4 U	2 U	2.3 U	2.3 U	2.2 U	1.8 U	1.1 U
E-DPT-1035-35	E-DPT-1035	20131009	--	3.8 UL	1.6 UL	3 UL	--	--	9.9 J	4.1 UL	3 UL	1.5 UL	1.8 UL	1.8 UL	1.6 UL	1.4 UL	0.84 UL
E-DPT-1036-15	E-DPT-1036	20131009	--	23 U	10 U	18 U	--	--	13 U	25 U	18 U	9.2 U	11 U	11 U	10 U	8.5 U	5.2 U
E-DPT-1036-20	E-DPT-1036	20131009	--	100 U	43 U	80 U	--	--	57 U	110 U	80 U	40 U	47 U	47 U	43 U	37 U	22 U
E-DPT-1036-25	E-DPT-1036	20131009	--	15 U	6.5 U	12 U	--	--	8.5 U	17 U	12 U	6 U	7 U	7 U	6.5 U	5.5 U	3.4 U
E-DPT-1036-30	E-DPT-1036	20131009	--	3.3 U	1.4 U	2.7 U	--	--	2.1 J	3.7 U	2.7 U	1.3 U	1.6 U	1.6 U	1.4 U	1.2 U	0.74 U
E-DPT-1036-35	E-DPT-1036	20131009	--	0.75 U	0.33 U	0.6 U	--	--	4.7	0.83 U	0.6 U	0.3 U	0.35 U	0.35 U	0.33 U	0.28 U	0.17 U
E-DPT-1038-15	E-DPT-1038	20131008	--	500 U	220 U	400 U	--	--	280 U	550 U	400 U	200 U	230 U	230 U	220 U	180 U	110 U
E-DPT-1038-20	E-DPT-1038	20131008	--	750 U	330 U	600 U	--	--	430 U	830 U	600 U	300 U	350 U	350 U	330 U	280 U	170 U
E-DPT-1038-25	E-DPT-1038	20131008	--	300 U	130 U	240 U	--	--	170 U	330 U	240 U	120 U	140 U	140 U	130 U	110 U	67 U
E-DPT-1038-30	E-DPT-1038	20131008	--	1.5 U	0.65 U	1.2 U	--	--	9.6	1.7 U	1.2 U	0.6 U	0.7 U	0.7 U	0.65 U	0.55 U	0.34 U
E-DPTW-10-05-10	E-DPTW-10	20171005	--	--	1.7 U	--	12 U	3.7 U	2.2 U	6.1 U	--	--	--	--	--	1.9 U	--
E-DPTW-11-10-15	E-DPTW-11	20171005	--	--	8.4 U	--	57 U	18 U	11 U	32 U	--	--	--	--	--	9.2 U	--
E-DPTW-11-10-20	E-DPTW-11	20171005	--	--	4.2 U	--	29 U	9 U	5.4 U	18 U	--	--	--	--	--	4.6 U	--
E-DPTW-12-15-20	E-DPTW-12	20171005	--	--	21 U	--	140 U	45 U	27 U	87 U	--	--	--	--	--	23 U	--
E-DPTW-13-05-10	E-DPTW-13	20171006	--	--	0.21 U	--	1.4 U	0.45 U	0.27 U	0.53 U	--	--	--	--	--	0.23 U	--
E-DPTW-14-05-10	E-DPTW-14	20171002	--	--	53 U	--	360 U	110 U	68 U	200 J	--	--	--	--	--	58 U	--
E-DPTW-14-10-15	E-DPTW-14	20171002	--	--	26 U	--	180 U	56 U	34 U	100 J	--	--	--	--	--	29 U	--
E-DPTW-14-15-20	E-DPTW-14	20171002	--	--	0.42 U	--	2.9 U	0.9 U	8.3	1.1 U	--	--	--	--	--	0.46 U	--
E-DPTW-14-20-25	E-DPTW-14	20171002	--	--	42 U	--	290 U	90 U	54 U	150 U	--	--	--	--	--	46 U	--
E-DPTW-26-05-10	E-DPTW-26	20171011	--	--	0.21 U	--	1.4 U	0.45 U	0.27 U	0.53 U	--	--	--	--	--	0.23 U	--
E-DPTW-26-10-15	E-DPTW-26	20171011	--	--	0.21 U	--	1.4 U	0.45 U	0.27 U	0.53 U	--	--	--	--	--	0.23 U	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	
DL-01-121814	DL-01	20141218	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
DW-01-01052015	DW-01	20150105	--	--	--	0.2 U	0.22 U	--	--	--	0.26 U	0.56 U	0.15 U	0.49 U	--	0.29 U	NORMAL
DW-01-01052015-1	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
DW-01-01052015-2	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
DW-01-01052015-3	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
DW-01-01052015-4	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
DW-01-01052015-5	DW-01	20150105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
E-DPT-1024-15	E-DPT-1024	20131004	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.14 U	--	0.19 U	0.19 U	0.51 J	0.21 U	0.19 UR	0.22 U	NORMAL
E-DPT-1024-20	E-DPT-1024	20131004	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.14 U	--	0.19 U	0.19 U	1.5	0.21 U	0.19 UR	0.22 U	NORMAL
E-DPT-1024-25	E-DPT-1024	20131004	--	1.3 UL	39 UR	2.9 UL	1.3 UL	--	1.4 UL	--	1.9 UL	1.9 UL	300 L	2.1 UL	1.9 UR	2.2 UL	NORMAL
E-DPT-1024-30	E-DPT-1024	20131004	--	0.13 UL	22 J	0.29 UL	0.25 J	--	0.14 UL	--	0.19 UL	0.19 UL	23 L	0.21 UL	0.19 UR	2.5 L	NORMAL
E-DPT-1027-25	E-DPT-1027	20131007	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.14 U	--	0.19 U	0.19 U	13	0.21 U	0.19 UR	0.22 U	NORMAL
E-DPT-1027-30	E-DPT-1027	20131007	--	0.13 U	27 J	0.29 U	0.13 U	--	0.14 U	--	0.19 U	0.19 U	58	0.21 U	0.19 UR	2.7	NORMAL
E-DPT-1029-15	E-DPT-1029	20131010	--	0.65 U	20 UR	1.5 U	0.65 U	--	0.7 U	--	0.95 U	0.95 U	320	1.1 U	0.95 UR	1.1 U	NORMAL
E-DPT-1029-20	E-DPT-1029	20131010	--	3.3 U	98 UR	7.3 U	3.3 U	--	3.5 U	--	4.8 U	4.8 U	1600	5.3 U	4.8 UR	5.5 U	NORMAL
E-DPT-1029-25	E-DPT-1029	20131010	--	430 U	13000 UR	970 U	430 U	--	470 U	--	630 U	630 U	220000	700 U	630 UR	730 U	NORMAL
E-DPT-1029-30	E-DPT-1029	20131010	--	2600 U	78000 UR	5800 U	2600 U	--	2800 U	--	3800 U	3800 U	1E+06	4200 U	3800 UR	4400 U	NORMAL
E-DPT-1032-15	E-DPT-1032	20131009	--	330 U	9800 UR	730 U	330 U	--	350 U	--	480 U	480 U	64000	530 U	480 UR	550 U	NORMAL
E-DPT-1032-20	E-DPT-1032	20131009	--	650 U	20000 UR	1500 U	650 U	--	700 U	--	950 U	950 U	93000	1100 U	950 UR	1100 U	NORMAL
E-DPT-1032-25	E-DPT-1032	20131009	--	6.5 U	200 UR	15 U	6.5 U	--	7 U	--	9.5 U	9.5 U	1300	11 U	9.5 UR	11 U	NORMAL
E-DPT-1032-30	E-DPT-1032	20131009	--	19 U	560 UR	41 U	19 U	--	20 U	--	27 U	27 U	2500	30 U	27 UR	31 U	NORMAL
E-DPT-1034-20	E-DPT-1034	20131008	--	4.3 U	130 UR	9.7 U	4.3 U	--	4.7 U	--	6.3 U	6.3 U	2300	7 U	6.3 UR	11 J	NORMAL
E-DPT-1034-25	E-DPT-1034	20131008	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.14 U	--	0.19 U	0.19 U	14	0.21 U	0.19 UR	0.22 U	NORMAL
E-DPT-1034-30	E-DPT-1034	20131008	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.14 U	--	0.19 U	0.19 U	21	0.21 U	0.19 UR	0.72 J	NORMAL
E-DPT-1035-20	E-DPT-1035	20131009	--	650 U	20000 UR	1500 U	650 U	--	700 U	--	950 U	950 U	120000	1100 U	950 UR	1100 U	NORMAL
E-DPT-1035-25	E-DPT-1035	20131009	--	16 U	490 UR	36 U	16 U	--	18 U	--	24 U	24 U	2800	26 U	24 UR	28 U	NORMAL
E-DPT-1035-30	E-DPT-1035	20131009	--	2.2 U	65 UR	4.8 U	2.2 U	--	2.3 U	--	3.2 U	3.2 U	430	3.5 U	3.2 UR	3.7 U	NORMAL
E-DPT-1035-35	E-DPT-1035	20131009	--	1.6 UL	49 UR	3.6 UL	1.6 UL	--	1.8 UL	--	2.4 UL	2.4 UL	270 L	2.6 UL	2.4 UR	2.8 UL	NORMAL
E-DPT-1036-15	E-DPT-1036	20131009	--	10 U	300 UR	22 U	10 U	--	11 U	--	15 U	15 U	1600	16 U	15 UR	17 U	NORMAL
E-DPT-1036-20	E-DPT-1036	20131009	--	43 U	1300 UR	97 U	43 U	--	47 U	--	63 U	63 U	7700	70 U	63 UR	73 U	NORMAL
E-DPT-1036-25	E-DPT-1036	20131009	--	6.5 U	200 UR	15 U	6.5 U	--	7 U	--	9.5 U	9.5 U	1100	11 U	9.5 UR	11 U	NORMAL
E-DPT-1036-30	E-DPT-1036	20131009	--	1.4 U	43 UR	3.2 U	1.4 U	--	1.6 U	--	2.1 U	2.1 U	320	2.3 U	2.1 UR	2.4 U	NORMAL
E-DPT-1036-35	E-DPT-1036	20131009	--	0.33 U	9.8 UR	0.73 U	0.33 U	--	0.35 U	--	0.48 U	0.48 U	69	0.53 U	0.48 UR	0.55 U	NORMAL
E-DPT-1038-15	E-DPT-1038	20131008	--	220 U	6500 UR	480 U	220 U	--	230 U	--	320 U	320 U	83000	350 U	320 UR	370 U	NORMAL
E-DPT-1038-20	E-DPT-1038	20131008	--	330 U	9800 UR	730 U	330 U	--	350 U	--	480 U	480 U	130000	530 U	480 UR	550 U	NORMAL
E-DPT-1038-25	E-DPT-1038	20131008	--	130 U	3900 UR	290 U	130 U	--	140 U	--	190 U	190 U	52000	210 U	190 UR	220 U	NORMAL
E-DPT-1038-30	E-DPT-1038	20131008	--	0.65 U	20 UR	1.5 U	0.65 U	--	0.7 U	--	0.95 U	0.95 U	320	1.1 U	0.95 UR	1.1 U	NORMAL
E-DPTW-10-05-10	E-DPTW-10	20171005	--	--	--	4.9 J	1.9 U	--	2 U	--	2.4 U	2.6 U	2.7 U	290	--	3.7 UJ	NORMAL
E-DPTW-11-10-15	E-DPTW-11	20171005	--	--	--	12 U	9.2 U	--	9.6 U	--	12 U	12 U	13 U	20 U	--	18 UJ	NORMAL
E-DPTW-11-10-20	E-DPTW-11	20171005	--	--	--	6 U	4.6 U	--	4.8 U	--	5.8 U	6.2 U	6.6 U	10 U	--	9 UJ	NORMAL
E-DPTW-12-15-20	E-DPTW-12	20171005	--	--	--	30 U	23 U	--	24 U	--	29 U	31 U	33 U	50 U	--	45 UJ	NORMAL
E-DPTW-13-05-10	E-DPTW-13	20171006	--	--	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.31 U	0.33 U	0.5 U	--	0.45 UJ	NORMAL
E-DPTW-14-05-10	E-DPTW-14	20171002	--	--	--	75 U	58 U	--	60 U	--	73 U	78 U	83 U	130 U	--	110 U	NORMAL
E-DPTW-14-10-15	E-DPTW-14	20171002	--	--	--	38 U	29 U	--	30 U	--	36 U	39 U	41 U	63 U	--	56 U	NORMAL
E-DPTW-14-15-20	E-DPTW-14	20171002	--	--	--	0.6 U	0.46 U	--	0.48 U	--	0.67 J	0.62 U	1.2 J	1 UJ	--	0.9 U	NORMAL
E-DPTW-14-20-25	E-DPTW-14	20171002	--	--	--	60 U	46 U	--	48 U	--	58 U	62 U	66 U	100 U	--	90 U	NORMAL
E-DPTW-26-05-10	E-DPTW-26	20171011	--	--	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.31 U	0.33 U	0.5 U	--	0.45 U	NORMAL
E-DPTW-26-10-15	E-DPTW-26	20171011	--	--	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.31 U	0.33 U	0.5 U	--	0.45 U	NORMAL

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURANS	DISSOLVED METALS (UG/L)												
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
			DIOXINS/FURANS MG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L
E-DPTW-26-15-20	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-20-25	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-27-05-10	E-DPTW-27	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-05-10	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-10-15	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-15-20	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116-AVG	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116-D	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-4-042116	E-USW-4	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-5-042116	E-USW-5	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY
								FILTERED (0.10) METALS (UG/L)									
			DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L
E-DPTW-26-15-20	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-20-25	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-27-05-10	E-DPTW-27	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-05-10	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-10-15	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-15-20	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116-AVG	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116-D	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-4-042116	E-USW-4	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-5-042116	E-USW-5	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER
																	FILTER
			FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
E-DPTW-26-15-20	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-20-25	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-27-05-10	E-DPTW-27	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-05-10	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-10-15	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-15-20	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116-AVG	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116-D	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-4-042116	E-USW-4	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-5-042116	E-USW-5	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	LED (0.45) METALS (UG/L)															
			LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
			FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L
E-DPTW-26-15-20	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-20-25	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-27-05-10	E-DPTW-27	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-05-10	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-10-15	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-15-20	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	2.9 U	47 U	--	0.14 U
E-USW-1-042116-AVG	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	2.9 U	47 U	--	0.14 U
E-USW-1-042116-D	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	2.9 U	47 U	--	0.14 U
E-USW-4-042116	E-USW-4	20160421	--	--	--	--	--	--	--	--	--	--	--	3.9 J	23 U	--	0.15 J
E-USW-5-042116	E-USW-5	20160421	--	--	--	--	--	--	--	--	--	--	--	2.9 U	35 U	--	0.14 U
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)														
			CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE
			METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L
E-DPTW-26-15-20	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-20-25	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-27-05-10	E-DPTW-27	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-05-10	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-10-15	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-15-20	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	2.2 J	--	--	--	1.9 U	--	--	0.09 U	--	--	--	4 U	--	--
E-USW-1-042116-AVG	E-USW-1	20160421	--	2.1	--	--	--	1.9 U	--	--	0.09 U	--	--	--	4 U	--	--
E-USW-1-042116-D	E-USW-1	20160421	--	2 J	--	--	--	1.9 U	--	--	0.09 U	--	--	--	4 U	--	--
E-USW-4-042116	E-USW-4	20160421	--	6.2 J	--	--	--	14	--	--	0.09 U	--	--	--	4 U	--	--
E-USW-5-042116	E-USW-5	20160421	--	1.2 J	--	--	--	1.9 U	--	--	0.09 U	--	--	--	4 U	--	--
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE										MICROBIOLOGICAL (CELLS/ML)				
			SILVER	SODIUM	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	BAV1 VC R-DASE	DEHALOBACTER	DEHALOCOCCOIDES	TCE R-DASE	VC R-DASE
			METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML
E-DPTW-26-15-20	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-20-25	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-27-05-10	E-DPTW-27	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-05-10	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-10-15	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-15-20	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	0.92 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116-AVG	E-USW-1	20160421	0.92 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116-D	E-USW-1	20160421	0.92 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-4-042116	E-USW-4	20160421	0.92 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-5-042116	E-USW-5	20160421	0.92 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)														
			ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON	HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE	NITRITE-N
			MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L
E-DPTW-26-15-20	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-20-25	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-27-05-10	E-DPTW-27	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-05-10	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-10-15	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-15-20	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	0.04 J	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	0.019 U	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	0.043 J	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	0.019 J	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	0.019 U	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	0.019 J	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	0.081 J	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	0.019 U	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	0.019 U	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	0.019 U	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	0.11 J	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	3.1	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	5	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	110	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	82	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	0.085 J	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	4.4	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	25	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	6.4	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	7.9	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	23	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116-AVG	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116-D	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-4-042116	E-USW-4	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-5-042116	E-USW-5	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412	ILGW-01	20120224	--	--	--	--	0.1	--	--	94	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	0.1	--	--	100	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	0.05 U	--	--	43	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	0.019 U	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	0.094	--	--	94	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	0.098	--	--	93	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	0.05 U	--	--	52	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	0.094	--	--	98	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	0.078	--	--	97	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	0.12	--	--	93	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	0.41 J	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	0.054 J	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL PHOSPHORUS-P	TOTAL SUSPENDED SOLIDS	PH	BROMIDE
																MISCELLANEOUS	MISCELLANEOU
			MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	S.U.	UG/L
E-DPTW-26-15-20	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-20-25	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-27-05-10	E-DPTW-27	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-05-10	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-10-15	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-15-20	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116-AVG	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116-D	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-4-042116	E-USW-4	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-5-042116	E-USW-5	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	1.8	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	1.4	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	S PARAMETERS	PCB HOMOLOGS (UG/L)														
			PERCHLORATE	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS
			MISCELLANEOUS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS,	PCB HOMOLOGS,	PCB HOMOLOGS,
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
E-DPTW-26-15-20	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-20-25	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-27-05-10	E-DPTW-27	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-05-10	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-10-15	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-15-20	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	0.067 U	0.0052 U	0.029 U	0.074 J	0.0053 U	0.047 U	0.036 U	--	0.061 J	0.012 U	0.0062 U	--	--	--
E-USW-1-042116-AVG	E-USW-1	20160421	--	0.067 U	0.0052 U	0.0348	0.102	0.0054 U	0.047 U	0.036 U	--	0.053	0.012 U	0.0062 U	--	--	--
E-USW-1-042116-D	E-USW-1	20160421	--	0.067 U	0.0052 U	0.055 J	0.13 J	0.0054 U	0.047 U	0.036 U	--	0.045 J	0.012 U	0.0062 U	--	--	--
E-USW-4-042116	E-USW-4	20160421	--	0.069 U	0.0053 U	0.087 J	0.18 J	0.0055 U	0.048 U	0.037 U	--	0.014 U	0.013 U	0.0064 U	--	--	--
E-USW-5-042116	E-USW-5	20160421	--	0.067 U	0.0051 U	0.029 U	0.022 J	0.0053 U	0.047 U	0.036 U	--	0.013 U	0.012 U	0.0062 U	--	--	--
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCB HOMOLOGS, FILTERED (UG/L)															
			MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232
			PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L
E-DPTW-26-15-20	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-20-25	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-27-05-10	E-DPTW-27	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-05-10	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-10-15	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-15-20	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	--	--	--	--	--	--	--	--	--	--	--	--	0.17 U	0.13 U	0.16 U
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	0.048 U	0.086 U	0.067 U
E-USW-1-042116-AVG	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	0.048 U	0.086 U	0.067 U
E-USW-1-042116-D	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	0.048 U	0.086 U	0.067 U
E-USW-4-042116	E-USW-4	20160421	--	--	--	--	--	--	--	--	--	--	--	--	0.048 U	0.086 U	0.067 U
E-USW-5-042116	E-USW-5	20160421	--	--	--	--	--	--	--	--	--	--	--	--	0.048 U	0.086 U	0.067 U
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCBS (UG/L)														
			AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	BETA-BHC	CHLORDANE (TECHNICAL)	DECACHLOROBIPHENYL	DELTA-BHC	DICHLOROBIPHENYLS	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE
			PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L
E-DPTW-26-15-20	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-20-25	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-27-05-10	E-DPTW-27	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-05-10	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-10-15	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-15-20	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	0.22 U	0.1 U	0.16 U	3	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	0.057 U	0.048 U	0.029 U	0.27 J	0.048 U	0.086 U	--	--	--	--	--	--	--	--	--
E-USW-1-042116-AVG	E-USW-1	20160421	0.057 U	0.048 U	0.029 U	0.225	0.048 U	0.086 U	--	--	--	--	--	--	--	--	--
E-USW-1-042116-D	E-USW-1	20160421	0.057 U	0.048 U	0.029 U	0.18 J	0.048 U	0.086 U	--	--	--	--	--	--	--	--	--
E-USW-4-042116	E-USW-4	20160421	0.057 U	0.048 U	0.029 U	0.41	0.048 U	0.086 U	--	--	--	--	--	--	--	--	--
E-USW-5-042116	E-USW-5	20160421	0.057 U	0.048 U	0.029 U	0.16	0.048 U	0.086 U	--	--	--	--	--	--	--	--	--
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ENDRIN	ENDRIN ALDEHYDE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
E-DPTW-26-15-20	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-20-25	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-27-05-10	E-DPTW-27	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-05-10	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-10-15	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-15-20	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	0.27	0.5045
E-USW-1-042116-AVG	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	0.225	0.4595
E-USW-1-042116-D	E-USW-1	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	0.18	0.4145
E-USW-4-042116	E-USW-4	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	0.41	0.6445
E-USW-5-042116	E-USW-5	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	0.16	0.3945
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE			PETROLEUM HYDROCARBONS		PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)						
			TOXAPHENE	TRICHLOROBIPHENYLS	OIL & GREASE - HEM	OIL & GREASE-SGT-HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235
			PCBS (UG/L)	PCBS (UG/L)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
			UG/L	UG/L	MG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L
E-DPTW-26-15-20	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-20-25	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-27-05-10	E-DPTW-27	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-05-10	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-10-15	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-15-20	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	--	--	--	--	20000 K	26 J	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	--	--	--	--	--	--	--	0.0889 U	0.228	-0.009 U	--	1.62	--	--
E-USW-1-042116-AVG	E-USW-1	20160421	--	--	--	--	--	--	--	--	0.1715 U	0.2065	-0.012 U	--	1.56	--	--
E-USW-1-042116-D	E-USW-1	20160421	--	--	--	--	--	--	--	--	0.254 UJ	0.185	-0.016 U	--	1.5	--	--
E-USW-4-042116	E-USW-4	20160421	--	--	--	--	--	--	--	--	0.165 U	0.278	0.0541 U	--	0.442	--	--
E-USW-5-042116	E-USW-5	20160421	--	--	--	--	--	--	--	--	0.29 UJ	0.12	-0.013 U	--	0.919	--	--
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE				SEMIVOLATILE											
			URANIUM-235/236	URANIUM-236	URANIUM-238	1,4-DIOXANE	1,1-BIPHENYL	1,2,4-TRICHLOROBENZENE	1,2-DIPHENYLHYDRAZINE	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE
			RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILE	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
E-DPTW-26-15-20	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-20-25	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-27-05-10	E-DPTW-27	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-05-10	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-10-15	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-15-20	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	0.0879 U	--	0.572	--	0.12 U	--	--	1.6	0.38 U	0.29 U	0.23 U	0.18 U	0.24 U	0.3 U	0.24 U
E-USW-1-042116-AVG	E-USW-1	20160421	0.094 U	--	0.527	--	0.12 U	--	--	1.65	0.38 U	0.29 U	0.23 U	0.18 U	0.24 U	0.3 U	0.24 U
E-USW-1-042116-D	E-USW-1	20160421	0.1 U	--	0.482	--	0.12 U	--	--	1.7	0.38 U	0.29 U	0.23 U	0.18 U	0.24 U	0.3 U	0.24 U
E-USW-4-042116	E-USW-4	20160421	0 U	--	0.522	--	0.13 U	--	--	0.49 U	0.4 U	0.3 U	0.24 U	0.19 U	0.25 U	0.32 U	0.25 U
E-USW-5-042116	E-USW-5	20160421	-0.011 U	--	0.36	--	0.12 U	--	--	0.91 J	0.38 U	0.29 U	0.23 U	0.18 U	0.24 U	0.3 U	0.24 U
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
E-DPTW-26-15-20	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-20-25	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-27-05-10	E-DPTW-27	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-05-10	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-10-15	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-15-20	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	0.76 U	0.095 U	0.28 U	0.086 U	0.16 U	0.2 U	0.27 U	0.76 U	0.35 U	0.27 U	2.3 U	0.21 U	0.2 U	0.2 U	0.29 U
E-USW-1-042116-AVG	E-USW-1	20160421	0.76 U	0.095 U	0.28 U	0.086 U	0.16 U	0.2 U	0.27 U	0.76 U	0.35 U	0.27 U	2.3 U	0.21 U	0.2 U	0.2 U	0.29 U
E-USW-1-042116-D	E-USW-1	20160421	0.76 U	0.095 U	0.28 U	0.086 U	0.16 U	0.2 U	0.27 U	0.76 U	0.35 U	0.27 U	2.3 U	0.21 U	0.2 U	0.2 U	0.29 U
E-USW-4-042116	E-USW-4	20160421	0.79 U	0.099 U	0.29 U	0.09 U	0.17 U	0.21 U	0.28 U	0.79 U	0.37 U	0.28 U	2.4 U	0.22 U	0.21 U	0.21 U	0.3 U
E-USW-5-042116	E-USW-5	20160421	0.76 U	0.095 U	0.28 U	0.13 J	0.16 U	0.2 U	0.27 U	0.76 U	0.35 U	0.27 U	2.3 U	0.21 U	0.2 U	0.2 U	0.29 U
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)														
			4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZIDINE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
			SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L
E-DPTW-26-15-20	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-20-25	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-27-05-10	E-DPTW-27	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-05-10	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-10-15	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-15-20	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	0.21 U	0.28 U	0.042 U	0.046 U	0.32 U	0.084 U	0.32 U	--	0.049 U	0.049 U	0.37 U	--	0.028 U	0.049 U
E-USW-1-042116-AVG	E-USW-1	20160421	--	0.21 U	0.28 U	0.042 U	0.046 U	0.32 U	0.084 U	0.32 U	--	0.049 U	0.049 U	0.37 U	--	0.028 U	0.049 U
E-USW-1-042116-D	E-USW-1	20160421	--	0.21 U	0.28 U	0.042 U	0.046 U	0.32 U	0.084 U	0.32 U	--	0.049 U	0.049 U	0.37 U	--	0.028 U	0.049 U
E-USW-4-042116	E-USW-4	20160421	--	0.22 U	0.29 U	0.38	0.11 J	0.34 U	0.74	0.34 U	--	6.7462	6.7462	0.39 U	--	4.3	4.6
E-USW-5-042116	E-USW-5	20160421	--	0.21 U	0.28 U	0.042 U	0.046 U	0.32 U	0.084 U	0.32 U	--	0.049 U	0.049 U	0.37 U	--	0.028 U	0.049 U
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
E-DPTW-26-15-20	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-20-25	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-27-05-10	E-DPTW-27	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-05-10	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-10-15	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-15-20	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	0.038 U	0.044 U	0.043 U	0.3 U	0.095 U	1.6 U	0.25 U	0.19 U	0.27 U	0.048 U	0.042 U	0.019 U	0.57 U	0.28 U	1.6 U
E-USW-1-042116-AVG	E-USW-1	20160421	0.038 U	0.044 U	0.043 U	0.3 U	0.095 U	1.6 U	0.25 U	0.19 U	0.27 U	0.048 U	0.042 U	0.019 U	0.57 U	0.28 U	1.6 U
E-USW-1-042116-D	E-USW-1	20160421	0.038 U	0.044 U	0.043 U	0.3 U	0.095 U	1.6 U	0.25 U	0.19 U	0.27 U	0.048 U	0.042 U	0.019 U	0.57 U	0.28 U	1.6 U
E-USW-4-042116	E-USW-4	20160421	6.4	3.7	3.1	0.32 U	0.099 U	1.7 U	0.26 U	0.2 U	0.48 J	5.2	0.75	0.02 U	0.59 U	0.29 U	1.7 U
E-USW-5-042116	E-USW-5	20160421	0.038 U	0.044 U	0.043 U	0.3 U	0.095 U	1.6 U	0.25 U	0.19 U	0.27 U	0.048 U	0.042 U	0.019 U	0.57 U	0.28 U	1.6 U
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
E-DPTW-26-15-20	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-20-25	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-27-05-10	E-DPTW-27	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-05-10	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-10-15	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-15-20	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	0.22 U	0.042 U	0.039 U	0.081 U	0.26 U	0.23 UJ	0.18 U	0.041 U	0.26 U	0.06 U	0.038 U	0.3 U	0.23 U	0.3 U	0.26 U
E-USW-1-042116-AVG	E-USW-1	20160421	0.22 U	0.042 U	0.039 U	0.081 U	0.26 U	0.23 U	0.18 U	0.041 U	0.26 U	0.06 U	0.038 U	0.3 U	0.23 U	0.3 U	0.26 U
E-USW-1-042116-D	E-USW-1	20160421	0.22 U	0.042 U	0.039 U	0.081 U	0.26 U	0.23 UJ	0.18 U	0.041 U	0.26 U	0.06 U	0.038 U	0.3 U	0.23 U	0.3 U	0.26 U
E-USW-4-042116	E-USW-4	20160421	0.23 U	8.8	0.22	0.084 U	0.27 U	0.24 UJ	0.19 U	2.9	0.27 U	0.062 U	0.04 U	0.31 U	0.24 U	0.31 U	0.27 U
E-USW-5-042116	E-USW-5	20160421	0.22 U	0.042 U	0.039 U	0.081 U	0.26 U	0.23 UJ	0.18 U	0.041 U	0.26 U	0.15 J	0.038 U	0.3 U	0.23 U	0.3 U	0.26 U
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)										VC
			PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL-	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE	DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	SILANOL, TRIMETHYL-	ETHANE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILE GASES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
E-DPTW-26-15-20	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-26-20-25	E-DPTW-26	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-27-05-10	E-DPTW-27	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-05-10	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-10-15	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-DPTW-28-15-20	E-DPTW-28	20171011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	0.059 U	0.57 U	0.04 U	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116-AVG	E-USW-1	20160421	0.059 U	0.57 U	0.04 U	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116-D	E-USW-1	20160421	0.059 U	0.57 U	0.04 U	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-4-042116	E-USW-4	20160421	3.9	0.59 U	7.8	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-5-042116	E-USW-5	20160421	0.059 U	0.57 U	0.04 U	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IW-E-041116	IWE-E	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-10-040516	IWE-10	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-1-040416	IWE-01	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-11-040516	IWE-11	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILE GASES (UG/L)													
			ETHENE	METHANE	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE
			VOLATILE GASES	VOLATILE GASES	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
E-DPTW-26-15-20	E-DPTW-26	20171011	--	--	--	0.23 U	0.32 U	0.34 U	0.41 U	0.25 U	0.27 U	--	--	--	--	0.27 U	--
E-DPTW-26-20-25	E-DPTW-26	20171011	--	--	--	0.23 U	0.32 U	0.34 U	0.41 U	0.25 U	0.27 U	--	--	--	--	0.27 U	--
E-DPTW-27-05-10	E-DPTW-27	20171011	--	--	--	9.2 U	13 U	14 U	16 U	10 U	11 U	--	--	--	--	890	--
E-DPTW-28-05-10	E-DPTW-28	20171011	--	--	--	9.2 U	13 U	14 U	16 U	10 U	11 U	--	--	--	--	790	--
E-DPTW-28-10-15	E-DPTW-28	20171011	--	--	--	23 U	32 U	34 U	41 U	25 U	27 U	--	--	--	--	1900	--
E-DPTW-28-15-20	E-DPTW-28	20171011	--	--	--	23 U	32 U	34 U	41 U	25 U	27 U	--	--	--	--	1200	--
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.18 J	0.43 U	0.0059 U	0.15 U	0.12 U
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	--	0.28 U	0.44 U	0.22 U	--	0.45 U	0.3 U	0.45 U	0.42 U	0.37 UJ	0.44 U	0.47 U	0.83 J	0.41 U
E-USW-1-042116-AVG	E-USW-1	20160421	--	--	0.28 U	0.44 U	0.22 U	--	0.45 U	0.3 U	0.45 U	0.42 U	0.37 U	0.44 U	0.47 U	0.495	0.41 U
E-USW-1-042116-D	E-USW-1	20160421	--	--	0.28 U	0.44 U	0.22 U	--	0.45 U	0.3 U	0.45 U	0.42 U	0.37 UJ	0.44 U	0.47 U	0.32 UJ	0.41 U
E-USW-4-042116	E-USW-4	20160421	--	--	0.28 U	0.44 U	0.22 U	--	0.45 U	0.3 U	0.45 U	0.42 U	0.37 UJ	0.44 U	0.47 U	0.32 UJ	0.41 U
E-USW-5-042116	E-USW-5	20160421	--	--	0.28 U	0.44 U	0.22 U	--	0.45 U	0.3 U	0.45 U	0.42 U	0.37 UJ	0.44 U	0.47 U	0.32 UJ	0.41 U
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	--	0.28 U	0.44 U	0.22 U	--	0.45 U	0.46 J	0.45 U	0.42 U	1.2 J	0.44 U	0.47 U	9.2 J	0.41 U
IW-E-041116	IWE-E	20160411	--	--	700 U	1100 U	550 U	--	1100 U	750 U	1100 U	1100 U	930 UJ	1100 U	1200 U	800 UJ	1000 U
IWE-10-040516	IWE-10	20160405	--	--	0.7 U	1.1 U	0.55 U	--	1.1 U	0.75 U	1.1 U	1.1 U	0.93 U	1.1 U	1.2 U	0.8 U	1 U
IWE-1-040416	IWE-01	20160404	--	--	0.28 U	0.44 U	0.22 UJ	--	0.45 U	1	0.45 U	0.42 U	0.37 U	0.44 UJ	0.47 U	0.32 UJ	0.41 U
IWE-11-040516	IWE-11	20160405	--	--	11 U	18 U	8.8 U	--	18 U	12 U	18 U	17 U	15 U	18 U	19 U	13 U	16 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRICHLOROBENZENE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	1,4-DIOXANE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
E-DPTW-26-15-20	E-DPTW-26	20171011	0.47 U	0.23 U	0.26 U	0.3 U	0.3 U	--	--	0.32 U	--	0.23 U	--	--	1 UJ	--	--
E-DPTW-26-20-25	E-DPTW-26	20171011	0.47 U	0.23 U	0.26 U	0.3 U	0.3 U	--	--	0.32 U	--	0.23 U	--	--	1 U	--	--
E-DPTW-27-05-10	E-DPTW-27	20171011	19 U	9.2 U	18 J	12 U	12 U	--	--	32 J	--	36 J	--	--	41 U	--	--
E-DPTW-28-05-10	E-DPTW-28	20171011	19 U	9.2 U	15 J	12 U	12 U	--	--	230	--	41	--	--	41 U	--	--
E-DPTW-28-10-15	E-DPTW-28	20171011	47 U	23 U	26 U	30 U	30 U	--	--	32 U	--	23 U	--	--	100 U	--	--
E-DPTW-28-15-20	E-DPTW-28	20171011	47 U	23 U	26 U	30 U	30 U	--	--	32 U	--	23 U	--	--	100 U	--	--
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	23	0.99 U	0.11 U
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	1.3	0.19 U	1.3	--	0.26 UJ	0.53 U	0.59 UR	0.4 U
E-USW-1-042116-AVG	E-USW-1	20160421	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.755	0.19 U	0.7175	--	0.26 U	0.53 U	0.59 R	0.4 U
E-USW-1-042116-D	E-USW-1	20160421	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.21 J	0.19 U	0.27 U	--	0.26 UJ	0.53 U	0.59 UR	0.4 U
E-USW-4-042116	E-USW-4	20160421	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	0.19 U	0.27 U	--	0.26 UJ	0.53 U	0.59 UR	0.4 U
E-USW-5-042116	E-USW-5	20160421	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	0.19 U	0.27 U	--	0.26 UJ	0.53 U	0.59 UR	0.4 U
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	0.82 U	0.32 U	1.4	0.27 J	0.25 U	--	--	8.4	0.19 U	11	--	0.26 U	0.53 U	0.59 UR	0.4 U
IW-E-041116	IWE-E	20160411	2100 U	800 U	630 U	580 U	630 U	--	--	480 U	480 U	680 U	--	650 UJ	1300 U	1500 UR	1000 U
IWE-10-040516	IWE-10	20160405	2.1 U	0.8 U	0.63 U	0.58 U	0.63 U	--	--	0.48 U	0.48 U	0.68 U	--	0.65 UJ	1.3 U	1.5 UR	1 U
IWE-1-040416	IWE-01	20160404	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	0.19 U	0.27 U	--	0.26 UJ	0.53 U	0.59 UR	0.4 U
IWE-11-040516	IWE-11	20160405	33 U	13 U	10 U	9.2 U	10 U	--	--	7.6 U	7.6 U	11 U	--	10 UJ	1200	24 UR	16 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	ACROLEIN	ACRYLONITRILE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
E-DPTW-26-15-20	E-DPTW-26	20171011	1.2 UJ	--	--	0.71 U	3.1 J	--	--	1.4	--	--	0.3 U	0.43 U	0.42 U	0.37 J	0.35 U
E-DPTW-26-20-25	E-DPTW-26	20171011	1.2 U	--	--	0.71 U	10	--	--	2.9	--	--	0.3 U	0.43 UJ	0.42 U	0.95 J	0.35 UJ
E-DPTW-27-05-10	E-DPTW-27	20171011	49 U	--	--	28 U	70 U	--	--	11 U	--	--	12 U	17 UJ	17 U	14 U	14 UJ
E-DPTW-28-05-10	E-DPTW-28	20171011	49 U	--	--	28 U	70 U	--	--	11 U	--	--	12 U	17 UJ	17 U	14 U	14 UJ
E-DPTW-28-10-15	E-DPTW-28	20171011	120 U	--	--	71 U	180 U	--	--	28 U	--	--	30 U	43 UJ	42 U	34 U	35 UJ
E-DPTW-28-15-20	E-DPTW-28	20171011	120 U	--	--	71 U	180 U	--	--	28 U	--	--	30 U	43 UJ	42 U	34 U	35 UJ
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	0.41 U	0.18 U	0.12 U	1.7 J	54 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	0.48 U	0.29 U	0.43 U	0.99 UJ	0.94 U	--	--	0.35 U	0.35 U	0.5 U	0.29 U	0.56 U	0.44 U	0.38 U	0.47 J
E-USW-1-042116-AVG	E-USW-1	20160421	0.48 U	0.29 U	0.43 U	0.99 U	0.94 U	--	--	0.35 U	0.35 U	0.5 U	0.29 U	0.56 U	0.44 U	0.38 U	0.3425
E-USW-1-042116-D	E-USW-1	20160421	0.48 U	0.29 U	0.43 U	0.99 UJ	0.94 U	--	--	0.35 U	0.35 U	0.5 U	0.29 U	0.56 U	0.44 U	0.38 U	0.43 U
E-USW-4-042116	E-USW-4	20160421	0.48 U	0.29 U	0.43 U	0.99 UJ	2.6 J	--	--	0.35 U	0.35 U	0.5 U	0.29 U	0.56 U	0.44 U	0.38 U	0.43 U
E-USW-5-042116	E-USW-5	20160421	0.48 U	0.29 U	0.43 U	0.99 UJ	0.94 U	--	--	0.35 U	0.35 U	0.5 U	0.29 U	0.56 U	0.44 U	0.38 U	0.43 U
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	0.48 U	0.29 U	0.43 U	0.99 U	1.6 J	--	--	0.64 J	0.35 U	0.5 U	0.29 U	0.56 U	0.44 U	0.38 U	0.43 U
IW-E-041116	IWE-E	20160411	1200 U	730 U	1100 U	2500 U	2400 UJ	--	--	880 U	880 U	1300 U	730 U	1400 U	1100 UJ	950 U	1100 U
IWE-10-040516	IWE-10	20160405	1.2 UJ	0.73 U	1.1 U	2.5 UJ	14 J	--	--	0.88 U	0.88 U	1.3 U	0.73 U	1.4 U	1.1 UJ	0.95 U	1.1 U
IWE-1-040416	IWE-01	20160404	0.48 U	0.29 U	0.43 U	0.99 U	0.94 U	--	--	0.35 U	0.35 U	0.5 U	0.29 U	0.56 U	0.44 UJ	0.38 U	0.43 U
IWE-11-040516	IWE-11	20160405	19 UJ	12 U	17 U	40 UJ	3200	--	--	14 U	14 U	20 U	12 U	22 U	18 UJ	15 U	17 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)														
			CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	CYCLOHEXANE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIETHYL ETHER	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
E-DPTW-26-15-20	E-DPTW-26	20171011	0.32 U	0.25 U	0.41 U	0.31 U	0.43 U	0.3 U	0.26 U	0.44 U	--	0.5 U	--	--	--	--	0.26 U
E-DPTW-26-20-25	E-DPTW-26	20171011	0.32 U	0.25 U	0.41 U	0.31 U	0.43 U	0.3 U	0.26 UJ	0.44 U	--	0.5 U	--	--	--	--	0.26 U
E-DPTW-27-05-10	E-DPTW-27	20171011	19 J	10 U	16 U	12 U	17 U	12 U	10 UJ	18 U	--	20 U	--	--	--	--	10 U
E-DPTW-28-05-10	E-DPTW-28	20171011	13 U	10 U	16 U	12 U	17 U	12 U	10 UJ	18 U	--	20 U	--	--	--	--	10 U
E-DPTW-28-10-15	E-DPTW-28	20171011	32 U	25 U	41 U	31 U	43 U	30 U	26 UJ	44 U	--	50 U	--	--	--	--	26 U
E-DPTW-28-15-20	E-DPTW-28	20171011	32 U	25 U	41 U	31 U	43 U	30 U	26 UJ	44 U	--	50 U	--	--	--	--	26 U
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	2.9 J	0.43 U	0.32 UJ	0.25 J	0.44 U	0.72 J	0.46 U	--	0.42 U	0.32 UJ	--	0.5 U	0.23 UJ	--	0.25 U
E-USW-1-042116-AVG	E-USW-1	20160421	1.5125	0.43 U	0.32 U	0.1875	0.44 U	0.425	0.46 U	--	0.42 U	0.32 U	--	0.5 U	0.23 U	--	0.25 U
E-USW-1-042116-D	E-USW-1	20160421	0.25 UJ	0.43 U	0.32 UJ	0.25 U	0.44 U	0.26 U	0.46 U	--	0.42 U	0.32 UJ	--	0.5 U	0.23 UJ	--	0.25 U
E-USW-4-042116	E-USW-4	20160421	0.25 U	0.43 U	0.32 UJ	0.25 U	0.44 U	0.26 U	0.46 U	--	0.42 U	0.32 UJ	--	0.5 U	0.23 UJ	--	0.25 U
E-USW-5-042116	E-USW-5	20160421	0.25 U	0.43 U	0.32 UJ	0.25 U	0.44 U	0.26 U	0.46 U	--	0.42 U	0.32 UJ	--	0.5 U	0.23 UJ	--	0.25 U
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	18	0.43 U	0.32 U	0.25 U	0.44 U	1.3	0.46 U	--	0.42 U	0.32 U	--	0.5 U	0.23 U	--	0.25 U
IW-E-041116	IWE-E	20160411	630 U	1100 U	800 UJ	630 U	1100 U	650 U	1200 U	--	1100 U	800 U	--	1300 U	580 UJ	--	630 U
IWE-10-040516	IWE-10	20160405	0.63 U	1.1 U	0.8 UJ	0.63 U	1.1 U	3.2	1.2 U	--	1.1 U	0.8 U	--	1.3 U	0.58 U	--	0.63 U
IWE-1-040416	IWE-01	20160404	0.25 U	0.43 U	0.32 UJ	1.4	0.44 U	24	0.46 U	--	0.42 U	0.32 U	--	0.5 U	0.23 J	--	0.25 U
IWE-11-040516	IWE-11	20160405	10 U	17 U	13 UJ	10 U	18 U	10 U	18 U	--	17 U	13 U	--	20 U	9.2 U	--	10 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	FLUORODICHLOROMETHANE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
E-DPTW-26-15-20	E-DPTW-26	20171011	--	--	0.21 U	--	1.4 U	0.45 U	0.27 U	0.54 J	--	--	--	--	--	0.23 U	--
E-DPTW-26-20-25	E-DPTW-26	20171011	--	--	0.21 U	--	1.4 U	0.45 U	0.27 U	0.53 U	--	--	--	--	--	0.23 U	--
E-DPTW-27-05-10	E-DPTW-27	20171011	--	--	8.4 U	--	57 U	18 U	11 U	22 U	--	--	--	--	--	9.2 U	--
E-DPTW-28-05-10	E-DPTW-28	20171011	--	--	8.4 U	--	57 U	18 U	11 U	21 U	--	--	--	--	--	9.2 U	--
E-DPTW-28-10-15	E-DPTW-28	20171011	--	--	21 U	--	140 U	45 U	27 U	53 U	--	--	--	--	--	23 U	--
E-DPTW-28-15-20	E-DPTW-28	20171011	--	--	21 U	--	140 U	45 U	27 U	54 U	--	--	--	--	--	23 U	--
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-USW-1-042116	E-USW-1	20160421	--	0.35 U	0.35 U	--	--	--	0.2 UJ	0.33 U	0.45 UJ	0.31 U	0.4 U	--	0.48 U	0.45 U	0.3 UJ
E-USW-1-042116-AVG	E-USW-1	20160421	--	0.35 U	0.35 U	--	--	--	0.2 U	0.33 U	0.45 U	0.31 U	0.4 U	--	0.48 U	0.45 U	0.3 U
E-USW-1-042116-D	E-USW-1	20160421	--	0.35 U	0.35 U	--	--	--	0.2 UJ	0.33 U	0.45 UJ	0.31 U	0.4 U	--	0.48 U	0.45 U	0.3 UJ
E-USW-4-042116	E-USW-4	20160421	--	0.35 U	0.35 U	--	--	--	0.2 UJ	0.33 U	0.45 UJ	0.31 U	0.4 U	--	0.48 U	0.45 U	0.3 UJ
E-USW-5-042116	E-USW-5	20160421	--	0.35 U	0.35 U	--	--	--	0.2 UJ	0.33 U	0.45 UJ	0.31 U	0.4 U	--	0.48 U	0.45 U	0.3 UJ
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IL-3-041516	ILGW-03	20160415	--	0.35 U	0.35 U	--	--	--	0.2 U	0.33 U	0.47 J	0.31 U	0.4 U	--	0.48 U	0.45 U	0.3 U
IW-E-041116	IWE-E	20160411	--	880 UJ	880 U	--	--	--	500 UJ	1300 U	1100 UJ	780 U	1000 U	--	1200 U	1100 U	750 UJ
IWE-10-040516	IWE-10	20160405	--	0.88 UJ	0.88 U	--	--	--	0.5 U	0.98 U	1.1 U	0.78 U	1 U	--	1.2 U	1.1 U	0.75 U
IWE-1-040416	IWE-01	20160404	--	0.35 U	0.35 U	--	--	--	34 J	0.33 U	0.45 UJ	0.31 U	0.4 U	--	0.48 U	0.45 U	0.3 UJ
IWE-11-040516	IWE-11	20160405	--	14 UJ	14 U	--	--	--	8 U	24 U	18 U	12 U	16 U	--	19 U	18 U	12 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	
E-DPTW-26-15-20	E-DPTW-26	20171011	--	--	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.31 U	0.33 U	0.5 U	--	0.45 U	NORMAL
E-DPTW-26-20-25	E-DPTW-26	20171011	--	--	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.31 U	0.33 U	0.5 U	--	0.45 U	NORMAL
E-DPTW-27-05-10	E-DPTW-27	20171011	--	--	--	12 U	9.2 U	--	9.6 U	--	12 U	12 U	13 U	20 U	--	18 U	NORMAL
E-DPTW-28-05-10	E-DPTW-28	20171011	--	--	--	12 U	9.2 U	--	9.6 U	--	12 U	12 U	13 U	20 U	--	18 U	NORMAL
E-DPTW-28-10-15	E-DPTW-28	20171011	--	--	--	30 U	23 U	--	24 U	--	29 U	31 U	33 U	50 U	--	45 U	NORMAL
E-DPTW-28-15-20	E-DPTW-28	20171011	--	--	--	30 U	23 U	--	24 U	--	29 U	31 U	33 U	50 U	--	45 U	NORMAL
E-IWE-6-050416	E-IWE-06	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
E-IWE-6-051116	IWE-06	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
E-IWE-6-052716	IWE-06	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
E-IWE-9-050416	E-IWE-09	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
E-IWE-9-051116	IWE-09	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
E-IWE-9-052716	IWE-09	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
ELECTRIC_MANHOLE/BL	MH_BLOCK_E	20101014	--	0.13 U	4.7 B	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 U	0.19 UR	0.22 U	NORMAL
E-MW-72B-050416	E-MW-72B	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
E-MW-72B-051116	E-MW-72B	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
E-MW-72B-052716	E-MW-72B	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SEMW-1I-050416	E-SEMW-1I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SEMW-1I-051116	E-SEMW-1I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SEMW-1I-052716	E-SEMW-1I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SEMW-2I-050416	E-SEMW-2I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SEMW-2I-051116	E-SEMW-2I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SEMW-2I-052716	E-SEMW-2I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SEMW-3I-050416	E-SEMW-3I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SEMW-3I-051116	E-SEMW-3I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SEMW-3I-052716	E-SEMW-3I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SEMW-6I-050416	E-SEMW-6I	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SEMW-6I-051116	E-SEMW-6I	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
E-SEMW-6I-052716	E-SEMW-6I	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
E-USW-1-042116	E-USW-1	20160421	--	0.41 U	4.9 UR	11 J	0.23 U	--	0.52 U	0.52	0.3 U	0.56 UJ	3.7 J	0.72 J	0.41 UJ	0.29 U	NORMAL
E-USW-1-042116-AVG	E-USW-1	20160421	--	0.41 U	4.9 R	7.9	0.23 U	--	0.52 U	0.52	0.3 U	0.56 U	2.345	0.67	0.41 U	0.29 U	NORMAL
E-USW-1-042116-D	E-USW-1	20160421	--	0.41 U	4.9 UR	4.8 J	0.23 U	--	0.52 U	0.52	0.3 U	0.56 UJ	0.99 J	0.62 J	0.41 UJ	0.29 U	NORMAL
E-USW-4-042116	E-USW-4	20160421	--	0.41 U	4.9 UR	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.56 UJ	0.22 U	0.49 U	0.41 UJ	0.29 U	NORMAL
E-USW-5-042116	E-USW-5	20160421	--	0.41 U	4.9 UR	1.7	0.23 U	--	0.52 U	0.52	0.3 U	0.56 UJ	0.38 J	0.49 U	0.41 UJ	0.29 U	NORMAL
IL-1-022412	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
IL-1-022412-2	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
IL-1-022412-3	ILGW-01	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
IL-2-012916	ILGW-02	20160129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
IL-2-022412	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
IL-2-022412-2	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
IL-2-022412-3	ILGW-02	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
IL-3-022412	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
IL-3-022412-2	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
IL-3-022412-3	ILGW-03	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
IL-3-041516	ILGW-03	20160415	--	0.41 U	4.9 UR	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.56 U	0.37 J	0.49 U	0.41 U	0.42 J	NORMAL
IW-E-041116	IWE-E	20160411	--	1000 U	12000 UJ	780 U	580 U	--	1300 U	1300	750 U	1400 U	95000	1200 UJ	1000 UJ	730 U	NORMAL
IWE-10-040516	IWE-10	20160405	--	1 U	12 UJ	0.78 U	0.58 U	--	1.3 U	1.3	0.94 J	1.4 U	82	1.2 UJ	1 U	0.73 U	NORMAL
IWE-1-040416	IWE-01	20160404	--	0.41 U	21 J	0.31 U	0.23 U	--	0.52 U	0.52	2	0.56 U	23	0.49 UJ	0.41 UJ	2.2	NORMAL
IWE-11-040516	IWE-11	20160405	--	16 U	200 UJ	12 U	9.2 U	--	21 U	21	12 U	22 U	11 J	20 UJ	16 U	12 U	NORMAL

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURANS	DISSOLVED METALS (UG/L)												
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
			DIOXINS/FURANS MG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY
								FILTERED (0.10) METALS (UG/L)									
			DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER
																	FILTER
			FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
			ED (0.45) METALS (UG/L)														
			FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)													
			CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE
			METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-25-011916	IWE-25	20160119	--	--	--	--	260	--	--	15	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	380	--	--	13 U	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE										MICROBIOLOGICAL (CELLS/ML)				
			SILVER	SODIUM	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	BAV1 VC R-DASE	DEHALOBACTER	DEHALOCOCCOIDES	TCE R-DASE	VC R-DASE
			METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	0.5 U	7.2	0.5 U	0.5 U	0.5 U
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	0.5 U	5 U	0.5 U	0.5 U	0.5 U
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)														
			ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON	HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE	NITRITE-N
			MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	0.063 J	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-25-011916	IWE-25	20160119	7.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	8	--	--	--	0.019 U	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	0.019 J	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-021914	MH10	20140219	--	--	--	--	0.081 U	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	0.09	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	0.11	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	16	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	67	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	0.079 J	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL PHOSPHORUS-P	TOTAL SUSPENDED SOLIDS	PH	BROMIDE
			MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	S.U.	UG/L
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	29	73	--	0.64 J	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	35	340	--	0.64 J	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	25	25	25	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	25	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	25	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	3	2.7	3.2	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	2.7	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	3.3	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	6.7	6.6	6.7	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	6.8	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	6.8	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9.7
MH-10-052215	MH10	20150522	--	--	--	--	--	--	--	--	2.9	2.9	2.9	--	--	--	--
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	3	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	3	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3200
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	3.1	3.1	3.1	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	3	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	3.2	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	S PARAMETERS	PCB HOMOLOGS (UG/L)														
			PERCHLORATE	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS
			MISCELLANEOUS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS,	PCB HOMOLOGS,	PCB HOMOLOGS,
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCB HOMOLOGS, FILTERED (UG/L)															
			MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232
			PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCBS (UG/L)														
			AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	BETA-BHC	CHLORDANE (TECHNICAL)	DECACHLOROBIPHENYL	DELTA-BHC	DICHLOROBIPHENYLS	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ENDRIN	ENDRIN ALDEHYDE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE			PETROLEUM HYDROCARBONS		PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)						
			TOXAPHENE	TRICHLOROBIPHENYLS	OIL & GREASE - HEM	OIL & GREASE-SGT-HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235
			PCBS (UG/L)	PCBS (UG/L)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
			UG/L	UG/L	MG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE				SEMIVOLATILE											
			URANIUM-235/236	URANIUM-236	URANIUM-238	1,4-DIOXANE	1,1-BIPHENYL	1,2,4-TRICHLOROBENZENE	1,2-DIPHENYLHYDRAZINE	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE
			RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILE	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
			SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)														
			4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZIDINE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
			SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)										VC
			PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL-	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE	DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	SILANOL, TRIMETHYL-	ETHANE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILE GASES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
IWE-12-041116	IWE-12	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-13-041216	IWE-13	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-14-041216	IWE-14	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-15-041216	IWE-15	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-16-041216	IWE-16	20160412	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-17-041116	IWE-17	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-21-040816	IWE-21	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-22-040816	IWE-22	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-23-040816	IWE-23	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-24-040816	IWE-24	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-25-011916	IWE-25	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.1
IWE-26-041116	IWE-26	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-27-041116	IWE-27	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-28-011916	IWE-28	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.65
IWE-3-040416	IWE-03	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-4-040416	IWE-04	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-5-040416	IWE-05	20160404	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-7-040516	IWE-07	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-8-040516	IWE-08	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-9-040516	IWE-09	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILE GASES (UG/L)															
			ETHENE	METHANE	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE
			VOLATILE GASES	VOLATILE GASES	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
IWE-12-041116	IWE-12	20160411	--	--	0.28 U	0.44 UJ	0.22 U	--	0.45 U	0.3 U	0.45 U	0.42 U	0.37 U	0.44 U	0.47 U	0.32 U	0.41 U
IWE-13-041216	IWE-13	20160412	--	--	1.4 U	2.2 U	1.1 U	--	2.3 U	1.5 U	2.3 U	2.1 U	1.9 UJ	2.2 U	2.4 U	1.6 UJ	2.1 U
IWE-14-041216	IWE-14	20160412	--	--	2.8 U	4.4 U	2.2 U	--	4.5 U	3 U	4.5 U	4.2 U	3.7 UJ	4.4 U	4.7 U	3.2 UJ	4.1 U
IWE-15-041216	IWE-15	20160412	--	--	70 U	110 U	55 U	--	110 U	75 U	110 U	110 U	93 UJ	110 U	120 U	80 UJ	100 U
IWE-16-041216	IWE-16	20160412	--	--	19 U	29 U	15 UJ	--	30 U	20 U	30 U	28 U	25 UJ	29 U	31 U	21 UJ	27 U
IWE-17-041116	IWE-17	20160411	--	--	0.93 U	1.5 UJ	0.73 U	--	1.5 U	1 U	1.5 U	1.4 U	1.2 U	1.5 U	1.6 U	1.1 U	1.4 U
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	--	0.28 U	0.44 U	0.22 UJ	--	0.45 U	0.3 U	0.45 U	0.42 U	0.37 U	0.44 UJ	0.47 U	0.32 UJ	0.41 U
IWE-21-040816	IWE-21	20160408	--	--	2.2 U	3.5 UJ	1.8 U	--	3.6 U	2.4 U	3.6 U	3.4 U	3 U	3.5 U	3.8 U	2.6 U	3.3 U
IWE-22-040816	IWE-22	20160408	--	--	35 U	55 UJ	28 U	--	56 U	38 U	56 U	53 U	46 U	55 U	59 U	40 U	51 U
IWE-23-040816	IWE-23	20160408	--	--	93 U	150 UJ	73 U	--	150 U	100 U	150 U	140 U	120 U	150 U	160 U	110 U	140 U
IWE-24-040816	IWE-24	20160408	--	--	0.56 U	0.88 U	0.44 U	--	0.9 U	0.6 U	0.9 U	0.84 U	0.74 UJ	0.88 U	0.94 U	0.64 U	0.82 U
IWE-25-011916	IWE-25	20160119	1.1	1.9	--	1100 U	550 U	600 U	1100 U	750 U	1100 U	--	--	--	--	800 UJ	--
IWE-26-041116	IWE-26	20160411	--	--	9.3 U	15 UJ	7.3 U	--	15 U	10 U	15 U	14 U	12 U	15 U	16 U	11 U	14 U
IWE-27-041116	IWE-27	20160411	--	--	470 U	730 U	370 UJ	--	750 U	500 U	750 U	700 U	620 UJ	730 UJ	780 U	530 UJ	680 U
IWE-28-011916	IWE-28	20160119	0.13 U	6.9	--	730 U	370 U	400 U	750 U	500 U	750 U	--	--	--	--	530 UJ	--
IWE-3-040416	IWE-03	20160404	--	--	0.28 U	0.44 U	0.22 UJ	--	0.45 U	0.3 U	0.45 U	0.42 U	0.37 U	0.44 UJ	0.47 U	0.32 UJ	0.41 U
IWE-4-040416	IWE-04	20160404	--	--	0.28 U	0.44 U	0.22 UJ	--	0.45 U	0.3 U	0.45 U	0.42 U	0.37 U	0.44 UJ	0.47 U	0.32 UJ	0.41 U
IWE-5-040416	IWE-05	20160404	--	--	0.28 U	0.44 U	0.22 U	--	0.45 U	0.3 U	0.45 U	0.42 U	0.37 UJ	0.44 U	0.47 U	0.32 UJ	0.41 U
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	--	0.28 U	0.44 U	0.22 U	--	0.45 U	0.3 U	0.45 U	0.42 U	0.37 U	0.44 U	0.47 U	0.32 U	0.41 U
IWE-7-040516	IWE-07	20160405	--	--	2.8 U	4.4 U	2.2 U	--	4.5 U	3 U	4.5 U	4.2 U	3.7 U	4.4 U	4.7 U	3.2 U	4.1 U
IWE-8-040516	IWE-08	20160405	--	--	0.28 U	0.44 U	0.22 U	--	0.45 U	0.9 J	0.45 U	0.42 U	0.37 U	0.44 U	0.47 U	0.32 U	0.41 U
IWE-9-040516	IWE-09	20160405	--	--	0.28 U	0.44 U	0.22 U	--	0.45 U	0.3 U	0.45 U	0.42 U	0.37 U	0.44 U	0.47 U	0.32 U	0.41 U
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	--	--	0.28 U	0.44 U	0.22 U	--	0.45 U	0.3 U	0.45 U	0.42 U	0.37 U	0.44 U	0.47 U	0.32 U	0.41 U
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	--	400 U	630 U	310 U	--	640 U	430 U	640 U	600 U	530 U	630 U	670 U	460 U	590 U
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	--	930 U	1500 UJ	730 U	--	1500 U	1000 U	1500 U	1400 U	1200 U	1500 U	1600 U	1100 U	1400 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRICHLOROBENZENE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	1,4-DIOXANE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
IWE-12-041116	IWE-12	20160411	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	0.19 U	0.27 U	--	0.26 UJ	3.2 J	0.59 UR	0.4 U
IWE-13-041216	IWE-13	20160412	4.1 U	1.6 U	1.3 U	1.2 U	1.3 U	--	--	0.95 U	0.95 U	1.4 U	--	1.3 UJ	2.7 U	3 UR	2 U
IWE-14-041216	IWE-14	20160412	8.2 U	3.2 U	2.5 U	2.3 U	2.5 U	--	--	1.9 U	1.9 U	2.7 U	--	2.6 UJ	5.3 U	5.9 UR	4 U
IWE-15-041216	IWE-15	20160412	210 U	80 U	63 U	58 U	63 U	--	--	48 U	48 U	68 U	--	65 UJ	130 U	150 UR	100 U
IWE-16-041216	IWE-16	20160412	55 U	21 U	17 U	15 U	17 U	--	--	13 U	13 U	18 U	--	17 UJ	35 UJ	39 UR	27 U
IWE-17-041116	IWE-17	20160411	2.7 U	1.1 U	0.83 U	0.77 U	0.83 U	--	--	0.63 U	0.63 U	0.9 U	--	0.87 UJ	26 J	2 UR	1.3 U
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	0.19 U	0.27 U	--	0.26 UJ	0.53 U	0.59 UR	0.4 U
IWE-21-040816	IWE-21	20160408	6.6 U	2.6 U	2 U	1.8 U	2 U	--	--	1.5 U	1.5 U	2.2 U	--	2.1 UJ	4.2 U	4.7 UR	3.2 U
IWE-22-040816	IWE-22	20160408	100 U	40 U	31 U	29 U	31 U	--	--	24 U	24 U	34 U	--	33 UJ	66 U	74 UR	50 U
IWE-23-040816	IWE-23	20160408	270 U	110 U	83 U	77 U	83 U	--	--	63 U	63 U	90 U	--	87 UJ	180 U	200 UR	130 U
IWE-24-040816	IWE-24	20160408	1.6 U	0.64 U	0.5 U	0.46 U	0.5 U	--	--	0.38 U	0.38 U	0.54 U	--	0.52 U	1.1 U	1.2 UR	0.8 U
IWE-25-011916	IWE-25	20160119	2100 UJ	800 U	630 U	580 U	630 U	--	--	480 U	--	680 U	--	--	1300 U	--	--
IWE-26-041116	IWE-26	20160411	27 U	11 U	8.3 U	7.7 U	8.3 U	--	--	6.3 U	6.3 U	9 U	--	8.7 UJ	18 U	20 UR	13 U
IWE-27-041116	IWE-27	20160411	1400 U	530 U	420 U	380 U	420 U	--	--	320 U	320 U	450 U	--	430 UJ	880 U	980 UR	670 U
IWE-28-011916	IWE-28	20160119	1400 UJ	530 U	420 U	380 U	420 U	--	--	320 U	--	450 U	--	--	880 U	--	--
IWE-3-040416	IWE-03	20160404	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	0.19 U	0.27 U	--	0.26 UJ	0.53 U	0.59 UR	0.4 U
IWE-4-040416	IWE-04	20160404	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	0.19 U	0.27 U	--	0.26 UJ	0.53 U	0.59 UR	0.4 U
IWE-5-040416	IWE-05	20160404	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	0.19 U	0.27 U	--	0.26 UJ	0.53 U	0.59 UR	0.4 U
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	0.19 U	0.27 U	--	0.26 U	0.53 U	0.59 UR	0.4 U
IWE-7-040516	IWE-07	20160405	8.2 U	3.2 U	2.5 U	2.3 U	2.5 U	--	--	1.9 U	1.9 U	2.7 U	--	2.6 U	740	5.9 UR	4 U
IWE-8-040516	IWE-08	20160405	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	0.19 U	0.27 U	--	0.26 U	77	0.59 UR	0.4 U
IWE-9-040516	IWE-09	20160405	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	0.19 U	0.27 U	--	0.26 U	0.53 U	0.59 UR	0.4 U
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	0.19 U	0.27 U	--	0.26 U	0.53 U	0.59 U	0.4 U
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	1200 U	460 U	360 U	330 U	360 U	--	--	270 U	270 U	390 U	--	370 U	760 U	840 U	570 U
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	2700 U	1100 U	830 U	770 U	830 U	--	--	630 U	630 U	900 U	--	870 UJ	1800 U	2000 UR	1300 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	ACROLEIN	ACRYLONITRILE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
IWE-12-041116	IWE-12	20160411	0.48 U	0.29 U	0.43 U	0.99 U	4.6 U	--	--	0.35 U	0.35 U	0.5 U	0.29 U	0.56 U	0.44 U	0.38 U	0.43 U
IWE-13-041216	IWE-13	20160412	2.4 U	1.5 U	2.2 U	5 U	10 J	--	--	1.8 U	1.8 U	2.5 U	1.5 U	2.8 U	2.2 U	1.9 U	2.2 U
IWE-14-041216	IWE-14	20160412	4.8 U	2.9 U	4.3 U	9.9 U	9.4 U	--	--	3.5 U	3.5 U	5 U	2.9 U	5.6 U	4.4 U	3.8 U	4.3 U
IWE-15-041216	IWE-15	20160412	120 U	73 U	110 U	250 U	240 U	--	--	88 U	88 U	130 U	73 U	140 U	110 U	95 U	110 U
IWE-16-041216	IWE-16	20160412	32 U	19 U	29 U	66 U	63 UJ	--	--	23 U	23 U	33 U	19 U	37 U	29 U	25 U	29 U
IWE-17-041116	IWE-17	20160411	1.6 U	0.97 U	1.4 U	3.3 U	45 U	--	--	1.2 U	1.2 U	1.7 U	0.97 U	1.9 U	1.5 U	1.3 U	1.4 U
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	0.48 U	0.29 U	0.43 U	0.99 U	0.94 U	--	--	0.35 U	0.35 U	0.5 U	0.29 U	0.56 U	0.44 UJ	0.38 U	0.76 J
IWE-21-040816	IWE-21	20160408	3.8 U	2.3 U	3.4 U	7.9 U	13 U	--	--	2.8 U	2.8 U	4 U	2.3 U	4.5 U	3.5 U	3 U	3.4 U
IWE-22-040816	IWE-22	20160408	60 U	36 U	54 U	120 U	220 U	--	--	44 U	44 U	63 U	36 U	70 U	55 U	48 U	54 U
IWE-23-040816	IWE-23	20160408	160 U	97 U	140 U	330 U	540 U	--	--	120 U	120 U	170 U	97 U	190 U	150 U	130 U	140 U
IWE-24-040816	IWE-24	20160408	0.96 U	0.58 U	0.86 U	2 U	1.9 U	--	--	0.7 U	0.7 U	1 U	0.58 U	1.1 U	0.88 U	0.76 U	0.86 U
IWE-25-011916	IWE-25	20160119	1200 U	--	--	2500 U	2400 U	--	--	880 U	--	--	730 U	1400 U	1100 UJ	950 U	1100 U
IWE-26-041116	IWE-26	20160411	16 U	9.7 U	14 U	33 U	54 U	--	--	12 U	12 U	17 U	9.7 U	19 U	15 U	13 U	14 U
IWE-27-041116	IWE-27	20160411	800 U	480 U	720 U	1700 U	1600 UJ	--	--	580 U	580 U	830 U	480 U	930 U	730 U	630 U	720 U
IWE-28-011916	IWE-28	20160119	800 U	--	--	1700 U	1600 U	--	--	580 U	--	--	480 U	930 U	730 UJ	630 U	720 U
IWE-3-040416	IWE-03	20160404	0.48 U	0.29 U	0.43 U	0.99 U	0.94 U	--	--	0.35 U	0.35 U	0.5 U	0.29 U	0.56 U	0.44 UJ	0.38 U	0.43 U
IWE-4-040416	IWE-04	20160404	0.48 U	0.29 U	0.43 U	0.99 U	0.94 U	--	--	0.35 U	0.35 U	0.5 U	0.29 U	0.56 U	0.44 UJ	0.38 U	0.43 U
IWE-5-040416	IWE-05	20160404	0.48 U	0.29 U	0.43 U	0.99 U	0.94 U	--	--	0.35 U	0.35 U	0.5 U	0.29 U	0.56 U	0.44 UJ	0.38 U	0.43 U
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	0.48 U	0.29 U	0.43 U	0.99 U	0.94 UJ	--	--	0.35 U	0.35 U	0.5 U	0.29 U	0.56 U	0.44 UJ	0.38 U	0.43 U
IWE-7-040516	IWE-07	20160405	4.8 U	2.9 U	4.3 U	9.9 U	680 J	--	--	3.5 U	3.5 U	5 U	2.9 U	5.6 U	4.4 UJ	3.8 U	4.3 U
IWE-8-040516	IWE-08	20160405	0.48 U	0.29 U	0.43 U	0.99 U	10 J	--	--	0.35 U	0.35 U	0.5 U	0.29 U	0.56 U	0.44 UJ	0.38 U	5
IWE-9-040516	IWE-09	20160405	0.48 U	0.29 U	0.43 U	0.99 U	1.2 J	--	--	0.35 U	0.35 U	0.5 U	0.29 U	0.56 U	0.44 UJ	0.38 U	0.43 U
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	0.48 U	0.29 U	0.43 U	0.99 U	4 J	--	--	0.35 U	0.35 U	0.5 U	0.29 U	0.56 U	0.44 U	0.38 U	0.43 U
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	690 U	410 U	610 U	1400 U	3100 JB	--	--	500 U	500 U	710 U	410 U	800 U	630 U	540 U	610 U
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	1600 U	970 U	1400 U	3300 U	5400 U	--	--	1200 U	1200 U	1700 U	970 U	1900 U	1500 U	1300 U	1400 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)														
			CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	CYCLOHEXANE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIETHYL ETHER	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
IWE-12-041116	IWE-12	20160411	0.25 U	0.43 U	0.32 UJ	0.25 U	0.44 U	0.92 J	0.46 U	--	0.42 U	0.32 U	--	0.5 U	0.23 UJ	--	0.25 U
IWE-13-041216	IWE-13	20160412	1.3 U	2.2 U	1.6 UJ	1.3 U	2.2 U	2.6 J	2.3 U	--	2.1 U	1.6 U	--	2.5 U	1.2 UJ	--	1.3 U
IWE-14-041216	IWE-14	20160412	2.5 U	4.3 U	3.2 UJ	2.5 U	4.4 U	6.8 J	4.6 U	--	4.2 U	3.2 U	--	5 U	2.3 UJ	--	2.5 U
IWE-15-041216	IWE-15	20160412	63 U	110 U	80 UJ	63 U	110 U	290	120 U	--	110 U	80 U	--	130 U	58 UJ	--	63 U
IWE-16-041216	IWE-16	20160412	17 U	29 U	21 U	17 U	29 U	17 U	31 U	--	28 U	21 UJ	--	33 U	15 UJ	--	17 U
IWE-17-041116	IWE-17	20160411	0.83 U	1.4 U	1.1 UJ	0.83 U	1.5 U	21	1.5 U	--	1.4 U	1.1 U	--	1.7 U	2.5 J	--	0.83 U
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	0.25 U	0.43 U	0.32 UJ	0.42 J	0.44 U	2.5	0.46 U	--	0.42 U	0.32 U	--	0.5 U	0.35 J	--	0.25 U
IWE-21-040816	IWE-21	20160408	2 U	3.4 U	2.6 UJ	2 U	3.5 U	16	3.7 U	--	3.4 U	2.6 U	--	4 U	1.8 UJ	--	2 U
IWE-22-040816	IWE-22	20160408	31 U	54 U	40 UJ	31 U	55 U	33 U	58 U	--	53 U	40 U	--	63 U	29 UJ	--	31 U
IWE-23-040816	IWE-23	20160408	83 U	140 U	110 UJ	83 U	150 U	920	150 U	--	140 U	110 U	--	170 U	77 UJ	--	83 U
IWE-24-040816	IWE-24	20160408	0.5 U	0.86 U	0.64 U	0.5 U	0.88 U	26	0.92 U	--	0.84 U	0.64 U	--	1 U	1.1 J	--	0.5 U
IWE-25-011916	IWE-25	20160119	630 U	1100 U	800 UJ	630 U	1100 U	650 U	1200 U	1100 U	--	800 U	--	--	--	--	630 U
IWE-26-041116	IWE-26	20160411	8.3 U	14 U	11 UJ	8.3 U	15 U	360	15 U	--	14 U	11 U	--	17 U	7.7 UJ	--	8.3 U
IWE-27-041116	IWE-27	20160411	420 U	720 U	530 UJ	420 U	730 U	430 U	770 U	--	700 U	530 UJ	--	830 U	380 UJ	--	420 U
IWE-28-011916	IWE-28	20160119	420 U	720 U	530 UJ	420 U	730 U	610 J	770 U	750 U	--	530 U	--	--	--	--	420 U
IWE-3-040416	IWE-03	20160404	0.25 U	0.43 U	0.32 UJ	0.25 U	0.44 U	0.26 U	0.46 U	--	0.42 U	0.32 U	--	0.5 U	1.3 J	--	0.25 U
IWE-4-040416	IWE-04	20160404	0.25 U	0.43 U	0.32 UJ	0.25 U	0.44 U	0.26 U	0.46 U	--	0.42 U	0.32 U	--	0.5 U	0.23 UJ	--	0.25 U
IWE-5-040416	IWE-05	20160404	0.25 U	0.43 U	0.32 UJ	0.25 U	0.44 U	2	0.46 U	--	0.42 U	0.32 U	--	0.5 U	0.29 J	--	0.25 U
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	0.25 U	0.43 U	0.32 U	0.25 U	0.44 U	0.26 U	0.46 U	--	0.42 U	0.32 U	--	0.5 U	0.36 J	--	0.25 U
IWE-7-040516	IWE-07	20160405	2.5 U	4.3 U	3.2 U	2.5 U	4.4 U	2.6 U	4.6 U	--	4.2 U	3.2 U	--	5 U	2.3 U	--	2.5 U
IWE-8-040516	IWE-08	20160405	0.25 U	0.43 U	0.32 U	1.7	0.44 U	21	0.46 U	--	0.42 U	0.32 U	--	0.5 U	0.23 U	--	0.25 U
IWE-9-040516	IWE-09	20160405	0.25 U	0.43 U	0.32 U	0.25 U	0.44 U	1.1	0.46 U	--	0.42 U	0.32 U	--	0.5 U	0.23 U	--	0.25 U
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	0.25 U	0.43 U	0.32 U	0.25 U	0.44 U	0.26 U	0.46 U	--	0.42 U	0.32 U	--	0.5 U	0.23 U	--	0.25 U
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	360 U	610 U	460 U	360 U	630 U	370 U	660 U	--	600 U	460 U	--	710 U	330 U	--	360 U
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	830 U	1400 U	1100 UJ	830 U	1500 U	1200 J	1500 U	--	1400 U	1100 U	--	1700 U	770 UJ	--	830 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	FLUORODICHLOROMETHANE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
IWE-12-041116	IWE-12	20160411	--	0.35 U	0.35 U	--	--	--	0.2 U	0.33 U	0.45 U	0.31 U	0.4 U	--	0.48 U	0.45 U	0.3 UJ
IWE-13-041216	IWE-13	20160412	--	1.8 UJ	1.8 U	--	--	--	1.1 J	5.4 U	2.3 UJ	1.6 U	2 U	--	2.4 U	2.3 U	1.5 UJ
IWE-14-041216	IWE-14	20160412	--	3.5 UJ	3.5 U	--	--	--	3.5 J	11 U	4.5 UJ	3.1 U	4 U	--	4.8 U	4.5 U	3 UJ
IWE-15-041216	IWE-15	20160412	--	88 UJ	88 U	--	--	--	50 U	300 U	110 UJ	78 U	100 U	--	120 U	110 U	75 UJ
IWE-16-041216	IWE-16	20160412	--	23 U	23 U	--	--	--	13 U	37 U	30 UJ	21 U	27 U	--	32 U	30 U	20 UJ
IWE-17-041116	IWE-17	20160411	--	1.2 U	1.2 U	--	--	--	0.71 J	1.1 U	1.5 U	1 U	1.3 U	--	1.6 U	1.5 U	1 UJ
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-2-040416	IWE-02	20160404	--	0.35 U	0.35 U	--	--	--	1.1 J	0.33 U	0.45 UJ	0.31 U	0.4 U	--	0.48 U	0.45 U	0.3 UJ
IWE-21-040816	IWE-21	20160408	--	2.8 U	2.8 U	--	--	--	1.6 U	2.6 U	3.6 U	2.5 U	3.2 U	--	3.8 U	3.6 U	2.4 UJ
IWE-22-040816	IWE-22	20160408	--	44 U	44 U	--	--	--	25 U	41 U	56 U	39 U	50 U	--	60 U	56 U	38 UJ
IWE-23-040816	IWE-23	20160408	--	120 U	120 U	--	--	--	67 U	110 U	150 U	100 U	130 U	--	160 U	150 U	100 UJ
IWE-24-040816	IWE-24	20160408	--	0.7 U	0.7 U	--	--	--	0.4 U	0.66 U	0.9 UJ	0.62 U	0.8 U	--	0.96 U	0.9 U	0.6 U
IWE-25-011916	IWE-25	20160119	--	--	880 U	--	5700 U	1100 U	500 U	830 U	--	--	--	--	--	1100 U	--
IWE-26-041116	IWE-26	20160411	--	12 U	12 U	--	--	--	6.7 U	11 U	15 U	10 U	13 U	--	16 U	15 U	10 UJ
IWE-27-041116	IWE-27	20160411	--	580 U	580 U	--	--	--	330 UJ	1400 U	750 UJ	520 U	670 U	--	800 U	750 U	500 U
IWE-28-011916	IWE-28	20160119	--	--	580 U	--	3800 U	720 U	330 U	550 U	--	--	--	--	--	750 U	--
IWE-3-040416	IWE-03	20160404	--	0.35 U	0.35 U	--	--	--	0.23 J	0.33 U	0.45 UJ	0.31 U	0.4 U	--	0.48 U	0.45 U	0.3 UJ
IWE-4-040416	IWE-04	20160404	--	0.35 U	0.35 U	--	--	--	0.2 UJ	0.33 U	0.45 UJ	0.31 U	0.4 U	--	0.48 U	0.45 U	0.3 UJ
IWE-5-040416	IWE-05	20160404	--	0.35 UJ	0.35 U	--	--	--	0.2 UJ	0.33 U	0.45 UJ	0.31 U	0.4 U	--	0.48 U	0.45 U	0.3 UJ
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IWE-6-040516	IWE-06	20160405	--	0.35 U	0.35 U	--	--	--	0.2 U	0.33 U	0.45 U	0.31 U	0.4 U	--	0.48 U	0.45 U	0.3 U
IWE-7-040516	IWE-07	20160405	--	3.5 U	3.5 U	--	--	--	3.9 J	3.6 U	4.5 U	3.1 U	4 U	--	4.8 U	4.5 U	3 U
IWE-8-040516	IWE-08	20160405	--	0.35 U	0.35 U	--	--	--	36	0.33 U	0.45 U	0.31 U	0.4 U	--	0.48 U	0.45 U	0.3 U
IWE-9-040516	IWE-09	20160405	--	0.35 U	0.35 U	--	--	--	0.2 U	0.33 U	0.45 U	0.31 U	0.4 U	--	0.48 U	0.45 U	0.3 U
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215	MH10	20150522	--	0.35 U	0.35 U	0.24 U	--	--	0.2 U	0.33 U	0.45 U	0.31 U	0.4 U	0.25 U	0.48 U	0.45 U	0.3 U
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1-061715	MRC-MPE-1	20150617	--	500 U	500 U	340 U	--	--	290 U	470 U	640 U	440 U	570 U	360 U	690 U	640 U	430 U
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-040816	MRC-MPE-1S	20160408	--	1200 U	1200 U	--	--	--	670 U	1100 U	1500 U	1000 U	1300 U	--	1600 U	1500 U	1000 UJ

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	
IWE-12-041116	IWE-12	20160411	--	0.41 U	4.9 UR	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.56 U	28	0.49 UJ	0.41 U	0.29 U	NORMAL
IWE-13-041216	IWE-13	20160412	--	2.1 U	25 UJ	1.6 U	1.2 U	--	2.6 U	2.6	1.5 U	2.8 U	140	2.5 U	2.1 UJ	1.5 U	NORMAL
IWE-14-041216	IWE-14	20160412	--	4.1 U	49 UJ	3.1 U	2.3 U	--	5.2 U	5.2	3 U	5.6 U	320	4.9 U	4.1 UJ	2.9 U	NORMAL
IWE-15-041216	IWE-15	20160412	--	100 U	1200 UJ	78 U	58 U	--	130 U	130	75 U	140 U	9200	120 U	100 UJ	73 U	NORMAL
IWE-16-041216	IWE-16	20160412	--	27 U	330 U	21 U	15 U	--	35 U	35	20 U	37 U	2400	33 UJ	27 UJ	19 U	NORMAL
IWE-17-041116	IWE-17	20160411	--	1.4 U	88 J	1 U	0.77 U	--	1.7 U	1.7	2.6 J	1.9 U	110	1.6 UJ	1.4 U	0.97 U	NORMAL
IWE-2-011416	IWE-02	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
IWE-2-040416	IWE-02	20160404	--	0.41 U	4.9 UJ	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.56 U	3.5	0.49 UJ	0.41 UJ	0.29 U	NORMAL
IWE-21-040816	IWE-21	20160408	--	3.3 U	39 UR	2.5 U	1.8 U	--	4.2 U	4.2	2.4 U	4.5 U	270	3.9 UJ	3.3 U	2.3 U	NORMAL
IWE-22-040816	IWE-22	20160408	--	51 U	610 UR	39 U	29 U	--	65 U	65	38 U	70 U	4000	61 UJ	51 U	36 U	NORMAL
IWE-23-040816	IWE-23	20160408	--	140 U	1600 UR	100 U	77 U	--	170 U	170	100 U	190 U	9100	160 UJ	140 U	97 U	NORMAL
IWE-24-040816	IWE-24	20160408	--	0.82 U	23 J	0.62 U	0.46 U	--	1 U	1	0.6 U	1.1 U	40	0.98 U	0.82 U	0.58 U	NORMAL
IWE-25-011916	IWE-25	20160119	--	--	--	780 U	580 U	--	1300 U	--	750 U	1400 U	61000	1200 UJ	--	730 U	NORMAL
IWE-26-041116	IWE-26	20160411	--	14 U	160 UR	10 U	7.7 U	--	17 U	17	10 U	19 U	1000	16 UJ	14 U	9.7 U	NORMAL
IWE-27-041116	IWE-27	20160411	--	680 U	8200 UJ	520 U	380 U	--	870 U	870	500 U	930 U	40000	820 UJ	680 UJ	480 U	NORMAL
IWE-28-011916	IWE-28	20160119	--	--	--	520 U	380 U	--	870 U	--	500 U	930 U	42000	820 UJ	--	480 U	NORMAL
IWE-3-040416	IWE-03	20160404	--	0.41 U	19 J	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.56 U	0.62 J	0.49 UJ	0.41 UJ	0.29 U	NORMAL
IWE-4-040416	IWE-04	20160404	--	0.41 U	4.9 UJ	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.56 U	0.22 J	0.49 UJ	0.41 UJ	0.29 U	NORMAL
IWE-5-040416	IWE-05	20160404	--	0.41 U	26 J	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.56 U	2.4	0.49 UJ	0.41 UJ	0.29 U	NORMAL
IWE-6-011416	IWE-06	20160114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
IWE-6-040516	IWE-06	20160405	--	0.41 U	4.9 UJ	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.56 U	2.8	0.49 UJ	0.41 U	0.29 U	NORMAL
IWE-7-040516	IWE-07	20160405	--	4.1 U	49 UJ	3.1 U	2.3 U	--	5.2 U	5.2	3 U	5.6 U	9.3 J	4.9 UJ	4.1 U	2.9 U	NORMAL
IWE-8-040516	IWE-08	20160405	--	0.41 U	4.9 UJ	0.31 U	0.23 U	--	0.52 U	0.52	2	0.56 U	20	0.49 UJ	0.41 U	2.8	NORMAL
IWE-9-040516	IWE-09	20160405	--	0.41 U	4.9 UJ	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.56 U	8.2	0.49 UJ	0.41 U	1.2	NORMAL
MH10-021914	MH10	20140219	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MH10-032315	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MH10-032315-3	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MH10-032315-4	MH10	20150323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MH10-040115	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MH10-040115-3	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MH10-040115-4	MH10	20150401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MH10-041415	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MH10-041415-3	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MH10-041415-4	MH10	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MH10-051614	MH10	20140516	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MH-10-052215	MH10	20150522	--	0.41 U	4.9 U	0.31 U	0.23 U	--	0.52 U	--	0.3 U	0.56 U	0.22 U	0.49 U	0.41 U	0.29 U	NORMAL
MH-10-052215-3	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MH-10-052215-4	MH10	20150522	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MH10-072414	MH10	20140724	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MH-10-121615	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MH-10-121615-3	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MH-10-121615-4	MH10	20151216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-1-061715	MRC-MPE-1	20150617	--	590 U	7000 U	440 U	330 U	--	740 U	--	430 U	800 U	44000	700 U	590 U	410 U	NORMAL
MPE-1I-102811	MRC-MPE-1I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-1I-110911	MRC-MPE-1I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-1I-111111	MRC-MPE-1I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-1I-111511	MRC-MPE-1I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-1S-040816	MRC-MPE-1S	20160408	--	1400 U	16000 UR	1000 U	770 U	--	1700 U	1700	1000 U	1900 U	97000	1600 UJ	1400 U	970 U	NORMAL

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURANS	DISSOLVED METALS (UG/L)												
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
			DIOXINS/FURANS	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED
			MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE						FILTERED (0.10) METALS (UG/L)								
			SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY
			DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER
																	FILTER
			FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	LED (0.45) METALS (UG/L)														
			LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
			FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	0.19 B	1.4 J	110	0.34 J	0.13 U	
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	0.23 J	0.9 J	204	0.2 UL	0.13 U	
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	--	--	--	--	--	--	--	--	--	0.4 J	0.95 J	212	0.38 B	0.13 U	

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)														
			CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE
			METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	0.94 J	64	2.6 K	--	0.46 J	--	--	0.12 U	0.38 B	52	--	0.57 U	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	0.71 UJ	40	1.9 B	--	0.18 UL	--	--	0.12 U	0.8 B	19.6	--	1.2 UJ	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	--	0.71 UL	19.6	1.5 B	9110	0.27 J	--	950	0.12 U	4	17.4	--	1.2 U	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SILVER	SODIUM	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MICROBIOLOGICAL (CELLS/ML)				
													BAV1 VC R-DASE	DEHALOBACTER	DEHALOCOCCOIDES	TCE R-DASE	VC R-DASE
			METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	0.08 U	--	0.14 U	--	--	--	--	--	0.99 B	21 B	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	0.08 U	--	0.14 U	--	--	--	--	--	0.44 U	9.9 B	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	0.08 U	--	0.14 UL	--	--	--	--	--	0.49 J	21.3 B	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)														
			ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON	HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE	NITRITE-N
			MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	0.057	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	0.062	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	0.053	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	0.069	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	0.082	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	0.23	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	6.1	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	49	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	0.05 U	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	0.061	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	0.062	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	0.06	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	0.068 J	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	0.12	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	0.36	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	13	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	28	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	0.082 J	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	0.05 U	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	0.051	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	0.054	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	0.05 U	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL PHOSPHORUS-P	TOTAL SUSPENDED SOLIDS	PH	BROMIDE
			MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOU
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	S.U.	UG/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	S PARAMETERS	PCB HOMOLOGS (UG/L)														
			PERCHLORATE	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS
			MISCELLANEOUS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS,	PCB HOMOLOGS,	PCB HOMOLOGS,
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCB HOMOLOGS, FILTERED (UG/L)															
			MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232
			PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCBS (UG/L)														
			AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	BETA-BHC	CHLORDANE (TECHNICAL)	DECACHLOROBIPHENYL	DELTA-BHC	DICHLOROBIPHENYLS	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE
			PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ENDRIN	ENDRIN ALDEHYDE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE			PETROLEUM HYDROCARBONS		PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)						
			TOXAPHENE	TRICHLOROBIPHENYLS	OIL & GREASE - HEM	OIL & GREASE-SGT-HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235
			PCBS (UG/L)	PCBS (UG/L)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
			UG/L	UG/L	MG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE				SEMIVOLATILE											
			URANIUM-235/236	URANIUM-236	URANIUM-238	1,4-DIOXANE	1,1-BIPHENYL	1,2,4-TRICHLOROBENZENE	1,2-DIPHENYLHYDRAZINE	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE
			RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILE	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	3.7	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	2.9	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	0.9 J	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	--	--	--	--	1.1 U	--	--	1.6	0.56 U	0.42 U	1.1 U	1.1 U	1.1 U	3.3 U	0.38 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	1.1 U	0.14 U	0.4 U	0.14 U	1.1 U	1.1 U	0.39 U	--	0.51 U	0.39 U	3.3 U	1.1 U	1.1 U	1.1 U	0.42 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)														
			4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZIDINE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
			SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	1.1 U	1.1 U	3.3 U	0.14 U	0.14 U	0.47 U	0.14 U	0.47 U	--	0.14 U	0.14 U	0.54 U	--	0.14 U	0.14 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	0.14 U	0.14 U	0.14 U	0.44 U	0.14 U	1.5 B	2.2	2.8 J	0.39 U	0.14 U	0.14 U	0.14 U	0.83 U	0.4 U	0.93 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	1.1 U	0.14 U	0.14 U	0.14 U	0.38 U	1.1 U	1.1 U	0.14 U	0.38 U	0.14 U	0.056 U	0.43 U	1.1 U	0.43 U	3.3 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)										VC
			PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL-	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE	DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	SILANOL, TRIMETHYL-	ETHANE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILE GASES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	--	--	--	1.7 NJ	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	1.4 R	--
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-120710	MRC-MW101A	20101207	0.14 U	0.83 U	0.14 U	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILE GASES (UG/L)														
			ETHENE	METHANE	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE
			VOLATILE GASES	VOLATILE GASES	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	--	70 U	110 U	55 U	--	110 U	75 U	110 U	110 U	93 U	110 U	120 U	80 U	100 U
MPE-3I-041116	MRC-MPE-3I	20160411	--	--	70 U	110 UJ	55 U	--	110 U	75 U	110 U	110 U	93 U	110 U	120 U	80 U	100 U
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	--	930 U	1500 U	730 U	--	1500 U	1000 U	1500 U	1400 U	1200 UJ	1500 U	1600 U	1100 U	1400 U
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	--	230 U	370 U	180 U	--	370 U	250 U	370 U	350 U	310 U	370 U	390 U	270 U	340 U
MRC-E-SB-1362-15	E-SB-1362	20140417	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.85 J	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-E-SB-1362-20	E-SB-1362	20140417	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-E-SB-1362-24	E-SB-1362	20140417	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-E-SB-1362-28	E-SB-1362	20140418	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-E-SB-1363-12	E-SB-1363	20140418	--	--	5.8 U	5.5 U	4.5 U	--	7 U	3.8 U	4.8 U	3.3 U	4.3 U	11 U	0.15 U	3.8 U	3 U
MRC-E-SB-1363-16	E-SB-1363	20140418	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-E-SB-1363-20	E-SB-1363	20140418	--	--	1.5 U	1.5 U	1.2 U	--	1.9 U	1 U	1.3 U	0.87 U	1.1 U	2.9 U	0.039 U	1 U	0.8 U
MRC-E-SB-1363-24	E-SB-1363	20140418	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-E-SB-1363-28	E-SB-1363	20140418	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-E-SB-1364-12	E-SB-1364	20140418	--	--	230 U	220 U	180 U	--	280 U	150 U	190 U	130 U	170 U	430 U	5.9 U	150 U	120 U
MRC-E-SB-1364-16	E-SB-1364	20140418	--	--	380 U	370 U	300 U	--	470 U	250 U	320 U	220 U	280 U	720 U	9.8 U	250 U	200 U
MRC-E-SB-1364-20	E-SB-1364	20140418	--	--	1200 U	1100 U	900 U	--	1400 U	750 U	950 U	650 U	850 U	2200 U	30 U	750 U	600 U
MRC-E-SB-1364-24	E-SB-1364	20140418	--	--	1500 U	1500 U	1200 U	--	1900 U	1000 U	1300 U	870 U	1100 U	2900 U	39 U	1000 U	800 U
MRC-E-SB-1364-28	E-SB-1364	20140418	--	--	230 U	220 U	180 U	--	280 U	150 U	190 U	130 U	170 U	430 U	5.9 U	150 U	120 U
MRC-E-SB-1364-32	E-SB-1364	20140418	--	--	12 U	11 U	9 U	--	14 U	7.5 U	9.5 U	6.5 U	8.5 U	22 U	0.3 U	7.5 U	6 U
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	0.23 U	0.32 U	0.34 U	0.41 UJ	0.58 J	0.66 J	--	0.35 U	--	--	0.27 U	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	0.44 U	0.22 U	0.24 U	0.45 U	0.48 J	0.49 J	--	--	--	--	0.32 U	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	--	0.33 U	0.31 U	0.26 U	--	0.4 U	0.58 J	0.89 J	0.19 U	0.24 U	0.61 U	0.0084 U	0.21 U	0.17 U
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	0.22 U	0.34 U	0.33 U	0.26 U	0.82 J	1	--	0.93 U	--	--	0.82 U	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	1.7	1.2	0.13 U	0.17 U	0.43 U	0.047 J	0.15 U	0.12 U
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	--	0.22 U	0.36 U	0.25 U	--	0.31 UJ	0.2 U	0.57 U	0.29 U	0.82 U	0.7 U	--	0.23 U	0.2 U
MRC-MW101A-120710	MRC-MW101A	20101207	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	1.4	0.78 J	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRICHLOROBENZENE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	1,4-DIOXANE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	210 U	80 U	63 U	58 U	63 U	--	--	48 U	48 U	68 U	--	65 U	130 U	150 U	100 U
MPE-3I-041116	MRC-MPE-3I	20160411	210 U	80 U	63 U	58 U	63 U	--	--	48 U	48 U	68 U	--	65 UJ	130 U	150 UR	100 U
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	2700 U	1100 U	830 U	770 U	830 U	--	--	630 U	630 U	900 U	--	870 U	1800 U	2000 UR	1300 U
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	680 U	270 U	210 U	190 U	210 U	--	--	160 U	160 U	220 U	--	220 U	440 U	490 U	330 U
MRC-E-SB-1362-15	E-SB-1362	20140417	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-E-SB-1362-20	E-SB-1362	20140417	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	1.2 J	0.99 U	0.11 U
MRC-E-SB-1362-24	E-SB-1362	20140417	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-E-SB-1362-28	E-SB-1362	20140418	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-E-SB-1363-12	E-SB-1363	20140418	17 U	6 U	3.3 U	5.5 U	4.5 U	--	--	3.5 U	4 U	3.3 U	--	3.3 U	14 U	25 U	2.8 U
MRC-E-SB-1363-16	E-SB-1363	20140418	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-E-SB-1363-20	E-SB-1363	20140418	4.5 U	1.6 U	0.87 U	1.5 U	1.2 U	--	--	0.93 U	1.1 U	0.87 U	--	0.87 U	3.8 U	6.6 U	0.73 U
MRC-E-SB-1363-24	E-SB-1363	20140418	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-E-SB-1363-28	E-SB-1363	20140418	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-E-SB-1364-12	E-SB-1364	20140418	670 U	240 U	130 U	220 U	180 U	--	--	140 U	160 U	130 U	--	130 U	570 U	990 U	110 U
MRC-E-SB-1364-16	E-SB-1364	20140418	1100 U	400 U	220 U	370 U	300 U	--	--	230 U	270 U	220 U	--	220 U	950 U	1700 U	180 U
MRC-E-SB-1364-20	E-SB-1364	20140418	3400 U	1200 U	650 U	1100 U	900 U	--	--	700 U	800 U	650 U	--	650 U	2900 U	5000 U	550 U
MRC-E-SB-1364-24	E-SB-1364	20140418	4500 U	1600 U	870 U	1500 U	1200 U	--	--	930 U	1100 U	870 U	--	870 U	3800 U	6600 U	730 U
MRC-E-SB-1364-28	E-SB-1364	20140418	670 U	240 U	130 U	220 U	180 U	--	--	140 U	160 U	130 U	--	130 U	570 U	990 U	110 U
MRC-E-SB-1364-32	E-SB-1364	20140418	34 U	12 U	6.5 U	11 U	9 U	--	--	7 U	8 U	6.5 U	--	6.5 U	29 U	50 U	5.5 U
MRC-MW101A-032817	MRC-MW101A	20170328	0.47 U	0.23 U	0.26 U	0.3 U	0.3 U	0.33 U	--	0.32 U	--	0.23 U	--	--	1 U	--	--
MRC-MW-101A-040116	MRC-MW101A	20160401	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	--	0.27 U	--	--	0.53 UJ	--	--
MRC-MW101A-041012	MRC-MW101A	20120409	0.96 U	0.34 U	0.19 U	0.31 U	0.26 U	--	--	0.2 U	0.23 U	0.19 U	--	0.19 U	0.82 U	1.4 U	0.16 U
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	1.5 U	0.28 U	0.38 U	0.32 U	0.24 U	--	--	0.25 U	--	0.27 U	58.9 U	--	1.8 U	--	--
MRC-MW101A-042811	MRC-MW101A	20110428	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.9 J	0.99 U	0.11 U
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	0.74 U	0.24 U	0.21 U	0.36 U	0.2 U	--	--	0.2 U	0.27 U	0.2 U	--	0.27 U	0.81 U	0.44 UJ	0.2 U
MRC-MW101A-120710	MRC-MW101A	20101207	0.67 U	0.24 U	0.13 U	0.3 J	0.45 J	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	ACROLEIN	ACRYLONITRILE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	120 U	73 U	110 U	250 U	620 JB	--	--	88 U	88 U	130 U	73 U	140 U	110 U	95 U	110 U
MPE-3I-041116	MRC-MPE-3I	20160411	120 U	73 U	110 U	250 U	400 U	--	--	88 U	88 U	130 U	73 U	140 U	110 U	95 U	110 U
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	1600 U	970 U	1400 U	3300 U	3100 U	--	--	1200 U	1200 U	1700 U	970 U	1900 U	1500 U	1300 U	1400 U
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	400 U	240 U	360 U	820 U	1900 JB	--	--	290 U	290 U	420 U	240 U	470 U	370 U	320 U	360 U
MRC-E-SB-1362-15	E-SB-1362	20140417	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-E-SB-1362-20	E-SB-1362	20140417	0.41 U	0.18 U	0.12 U	0.32 U	3.9 J	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-E-SB-1362-24	E-SB-1362	20140417	0.41 U	0.18 U	0.12 U	0.32 U	2.2 J	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-E-SB-1362-28	E-SB-1362	20140418	0.41 U	0.18 U	0.12 U	0.32 U	2.8 J	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.62 J	0.13 U
MRC-E-SB-1363-12	E-SB-1363	20140418	10 U	4.5 U	3 U	8 U	28 U	--	--	3.3 U	3.3 U	7.3 U	3.8 U	16 U	10 U	3.3 U	3.3 U
MRC-E-SB-1363-16	E-SB-1363	20140418	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-E-SB-1363-20	E-SB-1363	20140418	2.7 U	1.2 U	0.8 U	2.1 U	7.3 U	--	--	0.87 U	0.87 U	1.9 U	1 U	4.3 U	2.7 U	0.87 U	0.87 U
MRC-E-SB-1363-24	E-SB-1363	20140418	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.37 J
MRC-E-SB-1363-28	E-SB-1363	20140418	0.41 U	0.18 U	0.12 U	0.32 U	1.7 J	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.21 J
MRC-E-SB-1364-12	E-SB-1364	20140418	410 U	180 U	120 U	320 U	1100 U	--	--	130 U	130 U	290 U	150 U	640 U	410 U	130 U	130 U
MRC-E-SB-1364-16	E-SB-1364	20140418	680 U	300 U	200 U	530 U	1800 U	--	--	220 U	220 U	480 U	250 U	1100 U	680 U	220 U	220 U
MRC-E-SB-1364-20	E-SB-1364	20140418	2100 U	900 U	600 U	1600 U	5500 U	--	--	650 U	650 U	1500 U	750 U	3200 U	2100 U	650 U	650 U
MRC-E-SB-1364-24	E-SB-1364	20140418	2700 U	1200 U	800 U	2100 U	7300 U	--	--	870 U	870 U	1900 U	1000 U	4300 U	2700 U	870 U	870 U
MRC-E-SB-1364-28	E-SB-1364	20140418	410 U	180 U	120 U	320 U	1100 U	--	--	130 U	130 U	290 U	150 U	640 U	410 U	130 U	130 U
MRC-E-SB-1364-32	E-SB-1364	20140418	21 U	9 U	6 U	16 U	55 U	--	--	6.5 U	6.5 U	15 U	7.5 U	32 U	21 U	6.5 U	6.5 U
MRC-MW101A-032817	MRC-MW101A	20170328	1.2 U	--	--	0.71 U	1.8 U	--	--	0.28 U	--	--	0.3 U	0.43 U	0.42 U	0.34 UJ	0.35 U
MRC-MW-101A-040116	MRC-MW101A	20160401	0.48 UJ	--	--	0.99 UJ	0.94 U	--	--	0.35 U	--	--	0.29 U	0.56 U	0.44 UJ	0.38 U	0.43 U
MRC-MW101A-041012	MRC-MW101A	20120409	0.59 U	0.26 U	0.17 U	0.46 U	1.6 U	--	--	0.19 U	0.19 U	0.41 U	0.21 U	0.92 U	0.59 UJ	0.19 U	0.19 U
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	1.3 U	--	--	1.5 U	3.1 U	--	--	0.23 U	--	0.32 U	0.27 U	0.4 U	0.7 U	0.23 U	0.31 U
MRC-MW101A-042811	MRC-MW101A	20110428	0.41 U	0.18 U	0.12 U	0.32 U	5 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.31 J	0.13 U
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	1.7 U	0.24 U	0.2 UJ	0.67 U	1.3 U	--	--	0.2 U	0.28 U	0.32 U	0.32 U	0.42 U	0.29 U	0.22 U	0.45 U
MRC-MW101A-120710	MRC-MW101A	20101207	0.73 J	0.18 U	0.12 U	0.64 J	15 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	2.5	0.13 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)														
			CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	CYCLOHEXANE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIETHYL ETHER	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	63 U	110 U	80 U	63 U	110 U	65 U	120 U	--	110 U	80 U	--	130 U	58 U	--	63 U
MPE-3I-041116	MRC-MPE-3I	20160411	63 U	110 U	80 UJ	63 U	110 U	65 U	120 U	--	110 U	80 U	--	130 U	58 UJ	--	63 U
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	830 U	1400 U	1100 U	830 U	1500 U	1200 J	1500 U	--	1400 U	1100 U	--	1700 U	770 U	--	830 U
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	210 U	360 U	270 U	210 U	370 U	220 U	380 U	--	350 U	270 U	--	420 U	190 U	--	210 U
MRC-E-SB-1362-15	E-SB-1362	20140417	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	1.8	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-E-SB-1362-20	E-SB-1362	20140417	0.15 U	0.18 U	0.29 U	0.41 J	0.3 U	0.39 J	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-E-SB-1362-24	E-SB-1362	20140417	0.15 U	0.18 U	0.29 U	0.18 J	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-E-SB-1362-28	E-SB-1362	20140418	0.15 U	0.18 U	0.29 U	0.68 J	0.3 U	1.7	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-E-SB-1363-12	E-SB-1363	20140418	3.8 U	4.5 U	7.3 U	4 U	7.5 U	28	3.5 U	--	7 U	7.8 U	--	38 U	2.8 U	--	4.3 U
MRC-E-SB-1363-16	E-SB-1363	20140418	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.23 J	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-E-SB-1363-20	E-SB-1363	20140418	1 U	1.2 U	1.9 U	1.1 U	2 U	1.1 U	0.93 U	--	1.9 U	2.1 U	--	10 U	0.73 U	--	1.1 U
MRC-E-SB-1363-24	E-SB-1363	20140418	0.15 U	0.18 U	0.29 U	0.33 J	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-E-SB-1363-28	E-SB-1363	20140418	0.15 U	0.18 U	0.29 U	1	0.3 U	2.6	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-E-SB-1364-12	E-SB-1364	20140418	150 U	180 U	290 U	160 U	300 U	480 J	140 U	--	280 U	310 U	--	1500 U	110 U	--	170 U
MRC-E-SB-1364-16	E-SB-1364	20140418	250 U	300 U	480 U	270 U	500 U	280 U	230 U	--	470 U	520 U	--	2500 U	180 U	--	280 U
MRC-E-SB-1364-20	E-SB-1364	20140418	750 U	900 U	1500 U	800 U	1500 U	850 U	700 U	--	1400 U	1600 U	--	7500 U	550 U	--	850 U
MRC-E-SB-1364-24	E-SB-1364	20140418	1000 U	1200 U	1900 U	1100 U	2000 U	1100 U	930 U	--	1900 U	2100 U	--	10000 U	730 U	--	1100 U
MRC-E-SB-1364-28	E-SB-1364	20140418	150 U	180 U	290 U	160 U	300 U	170 U	140 U	--	280 U	310 U	--	1500 U	110 U	--	170 U
MRC-E-SB-1364-32	E-SB-1364	20140418	7.5 U	9 U	15 U	8 U	15 U	13 J	7 U	--	14 U	16 U	--	75 U	5.5 U	--	8.5 U
MRC-MW101A-032817	MRC-MW101A	20170328	0.32 U	0.25 U	0.41 U	0.31 U	0.43 U	28	0.26 U	0.44 UJ	--	0.5 UJ	--	--	--	--	0.26 U
MRC-MW-101A-040116	MRC-MW101A	20160401	0.25 U	0.43 U	0.32 UJ	0.25 U	0.44 U	26	0.46 U	0.45 U	--	0.32 U	--	--	--	--	0.25 U
MRC-MW101A-041012	MRC-MW101A	20120409	0.21 U	0.26 U	0.41 U	0.23 U	0.43 U	44	0.2 U	--	0.4 U	0.44 U	--	2.1 U	0.16 U	--	0.24 U
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	0.19 U	0.45 U	0.33 U	0.21 U	0.31 U	39.6	0.31 UJ	0.29 U	--	0.33 U	--	--	--	--	0.34 U
MRC-MW101A-042811	MRC-MW101A	20110428	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	38	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	0.29 U	0.31 U	0.24 U	0.25 U	0.21 U	2.6	0.24 U	--	0.32 U	0.46 U	--	0.2 U	0.2 U	--	0.2 U
MRC-MW101A-120710	MRC-MW101A	20101207	0.15 U	0.18 U	0.29 U	1.6	0.3 U	20	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	FLUORODICHLOROMETHANE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3-061715	MRC-MPE-3	20150617	--	88 U	88 U	60 U	--	--	50 U	83 U	110 U	78 U	100 U	63 U	120 U	110 U	75 U
MPE-3I-041116	MRC-MPE-3I	20160411	--	88 U	88 U	--	--	--	50 U	83 U	110 U	78 U	100 U	--	120 U	110 U	75 UJ
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-040816	MRC-MPE-3S	20160408	--	1200 U	1200 U	--	--	--	670 U	1100 U	1500 UJ	1000 U	1300 U	--	1600 U	1500 U	1000 U
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MPE-4-061715	MRC-MPE-4	20150617	--	290 U	290 U	200 U	--	--	170 U	270 U	370 U	260 U	330 U	210 U	400 U	370 U	250 U
MRC-E-SB-1362-15	E-SB-1362	20140417	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-E-SB-1362-20	E-SB-1362	20140417	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-E-SB-1362-24	E-SB-1362	20140417	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-E-SB-1362-28	E-SB-1362	20140418	--	0.3 U	0.13 U	0.24 U	--	--	1.7	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-E-SB-1363-12	E-SB-1363	20140418	--	7.5 U	3.3 U	6 U	--	--	4.3 U	8.3 U	6 U	3 U	3.5 U	3.5 U	3.3 U	2.8 U	1.7 U
MRC-E-SB-1363-16	E-SB-1363	20140418	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-E-SB-1363-20	E-SB-1363	20140418	--	2 U	0.87 U	1.6 U	--	--	1.1 U	2.2 U	1.6 U	0.8 U	0.93 U	0.93 U	0.87 U	0.73 U	0.45 U
MRC-E-SB-1363-24	E-SB-1363	20140418	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-E-SB-1363-28	E-SB-1363	20140418	--	0.3 U	0.13 U	0.24 U	--	--	2.8	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-E-SB-1364-12	E-SB-1364	20140418	--	300 U	130 U	240 U	--	--	170 U	330 U	240 U	120 U	140 U	140 U	130 U	110 U	67 U
MRC-E-SB-1364-16	E-SB-1364	20140418	--	500 U	220 U	400 U	--	--	280 U	550 U	400 U	200 U	230 U	230 U	220 U	180 U	110 U
MRC-E-SB-1364-20	E-SB-1364	20140418	--	1500 U	650 U	1200 U	--	--	850 U	1700 U	1200 U	600 U	700 U	700 U	650 U	550 U	340 U
MRC-E-SB-1364-24	E-SB-1364	20140418	--	2000 U	870 U	1600 U	--	--	1100 U	2200 U	1600 U	800 U	930 U	930 U	870 U	730 U	450 U
MRC-E-SB-1364-28	E-SB-1364	20140418	--	300 U	130 U	240 U	--	--	170 U	330 U	240 U	120 U	140 U	140 U	130 U	110 U	67 U
MRC-E-SB-1364-32	E-SB-1364	20140418	--	15 U	6.5 U	12 U	--	--	17 J	17 U	12 U	6 U	7 U	7 U	6.5 U	5.5 U	3.4 U
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	0.21 U	--	1.4 U	0.45 UJ	0.27 U	0.53 U	--	--	--	--	--	0.23 U	--
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	0.35 U	--	2.3 U	0.43 U	0.2 U	0.33 U	--	--	--	--	--	0.45 U	--
MRC-MW101A-041012	MRC-MW101A	20120409	--	0.43 U	0.19 U	0.34 U	--	--	0.24 U	0.47 U	0.34 U	0.17 U	0.2 U	0.2 U	0.19 U	0.16 U	0.096 U
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	0.22 U	0.52 U	0.32 U	0.3 U	0.33 U	0.45 U	--	--	--	1 UJ	--	0.24 U	--
MRC-MW101A-042811	MRC-MW101A	20110428	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101A-050814	MRC-MW101A	20140508	--	0.62 UJ	0.2 U	0.33 U	--	--	0.29 U	0.32 U	0.2 U	0.21 UJ	0.2 U	0.2 U	0.27 UJ	0.2 U	0.2 U
MRC-MW101A-120710	MRC-MW101A	20101207	--	0.3 U	0.13 U	0.46 J	--	--	0.17 U	0.33 U	0.38 J	0.12 U	0.14 U	0.26 J	0.13 U	0.11 U	0.067 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	
MPE-1S-110211	MRC-MPE-1S	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-1S-110911	MRC-MPE-1S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-1S-111111	MRC-MPE-1S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-1S-111511	MRC-MPE-1S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-2I-102811	MRC-MPE-2I	20111028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-2I-110911	MRC-MPE-2I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-2I-111111	MRC-MPE-2I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-2I-111511	MRC-MPE-2I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-2S-110111	MRC-MPE-2S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-2S-110911	MRC-MPE-2S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-2S-111111	MRC-MPE-2S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-2S-111511	MRC-MPE-2S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-3-061715	MRC-MPE-3	20150617	--	100 U	1200 U	78 U	58 U	--	130 U	--	75 U	140 U	6300	120 U	100 U	73 U	NORMAL
MPE-3I-041116	MRC-MPE-3I	20160411	--	100 U	1200 UR	78 U	58 U	--	130 U	130	75 U	140 U	7200	120 UJ	100 U	73 U	NORMAL
MPE-3I-110211	MRC-MPE-3I	20111102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-3I-110911	MRC-MPE-3I	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-3I-111111	MRC-MPE-3I	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-3I-111511	MRC-MPE-3I	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-3S-040816	MRC-MPE-3S	20160408	--	1400 U	16000 UR	1000 U	770 U	--	1700 U	1700	1000 U	1900 U	93000	1600 U	1400 U	970 U	NORMAL
MPE-3S-110111	MRC-MPE-3S	20111101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-3S-110911	MRC-MPE-3S	20111109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-3S-111111	MRC-MPE-3S	20111111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-3S-111511	MRC-MPE-3S	20111115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MPE-4-061715	MRC-MPE-4	20150617	--	340 U	4100 U	260 U	190 U	--	430 U	--	250 U	470 U	25000	410 U	340 U	240 U	NORMAL
MRC-E-SB-1362-15	E-SB-1362	20140417	--	0.13 U	3.9 U	0.29 U	0.13 U	--	0.14 U	--	0.19 U	0.19 U	22	0.21 U	0.19 U	0.22 U	NORMAL
MRC-E-SB-1362-20	E-SB-1362	20140417	--	0.13 U	3.9 U	0.29 U	0.13 U	--	0.14 U	--	0.19 U	0.19 U	7.7	0.21 U	0.19 U	0.22 U	NORMAL
MRC-E-SB-1362-24	E-SB-1362	20140417	--	0.13 U	3.9 U	0.29 U	0.13 U	--	0.14 U	--	0.19 U	0.19 U	0.56 J	0.21 U	0.19 U	0.22 U	NORMAL
MRC-E-SB-1362-28	E-SB-1362	20140418	--	0.13 U	3.9 U	0.29 U	0.13 U	--	0.14 U	--	0.19 U	0.19 U	1.9	0.21 U	0.19 U	0.22 U	NORMAL
MRC-E-SB-1363-12	E-SB-1363	20140418	--	3.3 U	98 U	7.3 U	3.3 U	--	3.5 U	--	4.8 U	4.8 U	630	5.3 U	4.8 U	11 J	NORMAL
MRC-E-SB-1363-16	E-SB-1363	20140418	--	0.13 U	3.9 U	0.29 U	0.13 U	--	0.14 U	--	0.19 U	0.19 U	9.7	0.21 U	0.19 U	0.22 U	NORMAL
MRC-E-SB-1363-20	E-SB-1363	20140418	--	0.87 U	26 U	1.9 U	0.87 U	--	0.93 U	--	1.3 U	1.3 U	160	1.4 U	1.3 U	1.5 U	NORMAL
MRC-E-SB-1363-24	E-SB-1363	20140418	--	0.13 U	3.9 U	0.29 U	0.13 U	--	0.14 U	--	0.19 U	0.19 U	19	0.21 U	0.19 U	0.22 U	NORMAL
MRC-E-SB-1363-28	E-SB-1363	20140418	--	0.13 U	3.9 U	0.29 U	0.13 U	--	0.14 U	--	0.19 U	0.19 U	5.3	0.21 U	0.19 U	0.22 U	NORMAL
MRC-E-SB-1364-12	E-SB-1364	20140418	--	130 U	3900 U	290 U	130 U	--	140 U	--	190 U	190 U	24000	210 U	190 U	220 U	NORMAL
MRC-E-SB-1364-16	E-SB-1364	20140418	--	220 U	6500 U	480 U	220 U	--	230 U	--	320 U	320 U	38000	350 U	320 U	370 U	NORMAL
MRC-E-SB-1364-20	E-SB-1364	20140418	--	650 U	20000 U	1500 U	650 U	--	700 U	--	950 U	950 U	130000	1100 U	950 U	1100 U	NORMAL
MRC-E-SB-1364-24	E-SB-1364	20140418	--	870 U	26000 U	1900 U	870 U	--	930 U	--	1300 U	1300 U	180000	1400 U	1300 U	1500 U	NORMAL
MRC-E-SB-1364-28	E-SB-1364	20140418	--	130 U	3900 U	290 U	130 U	--	140 U	--	190 U	190 U	27000	210 U	190 U	220 U	NORMAL
MRC-E-SB-1364-32	E-SB-1364	20140418	--	6.5 U	200 U	15 U	6.5 U	--	7 U	--	9.5 U	9.5 U	1100	11 U	9.5 U	11 U	NORMAL
MRC-MW101A-032817	MRC-MW101A	20170328	--	--	--	0.3 U	0.23 U	--	0.24 U	--	1.6	0.31 U	4.4	0.5 U	--	1.9	NORMAL
MRC-MW-101A-040116	MRC-MW101A	20160401	--	--	--	0.31 U	0.23 U	--	0.52 U	0.52	1	0.56 U	4.9	0.49 UJ	--	1.2	NORMAL
MRC-MW101A-041012	MRC-MW101A	20120409	--	0.19 U	5.6 UR	0.41 U	0.19 U	--	0.4 U	--	1.9	0.27 U	1.3 J	0.3 U	0.27 U	2.1	NORMAL
MRC-MW101A-041112	MRC-MW101A	20120411	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-101A-042115	MRC-MW101A	20150421	--	--	--	0.35 U	0.23 U	--	--	--	1.7	0.29 U	7.1	0.24 U	--	1.9	NORMAL
MRC-MW101A-042811	MRC-MW101A	20110428	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	1.5	0.19 U	6.5	0.21 U	0.19 U	2.5	NORMAL
MRC-MW101A-050311	MRC-MW101A	20110503	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW101A-050814	MRC-MW101A	20140508	--	0.2 UJ	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	0.2 U	1.1	0.2 U	1.1 U	0.32 U	NORMAL
MRC-MW101A-120710	MRC-MW101A	20101207	--	0.13 U	3.9 UR	0.29 U	1.2	--	0.72 J	--	0.57 J	0.19 U	3.5	0.21 U	0.28 J	1.1	NORMAL

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURANS	DISSOLVED METALS (UG/L)												
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
			DIOXINS/FURANS	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED
			MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW101A-	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY
								FILTERED (0.10) METALS (UG/L)									
			DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L
MRC-MW101A-	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER
																	FILTER
			FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW101A-	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	LED (0.45) METALS (UG/L)														
			LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
			FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L
MRC-MW101A-	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	0.2 B	0.61 J	86	0.3 J	0.13 U
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	166	0.2 U	0.13 U
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	--	--	--	--	--	--	--	--	--	--	0.73 J	0.4 U	208	0.2 UL	0.13 U
MRC-MW101B-	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	--	0.13 U	4 J	230	0.2 U	9.6
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	0.13 U	1.2 J	191	0.2 U	3.9 J
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	--	--	--	--	--	--	--	--	--	--	0.16 B	0.52 J	247	0.2 U	0.13 UL
MRC-MW102A-	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	48	15	0.41 J
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	2.2 U	3 U	40	15	1.1 J
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	52.9	5	0.13 U
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	0.248 U	1.4	42.4	12.8 J	0.812 J
MRC-MW102B-120210	MRC-MW102B	20101202	--	--	--	--	--	--	--	--	--	--	0.53 J	0.4 U	102	1.8 L	0.71 J
MRC-MW102B-	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	0.3 U	0.9 U	49	16	1.2
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	--	0.13 U	0.52 J	43	5	0.13 U
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	48.1	1.9	0.13 U
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	--	--	--	--	--	--	--	--	--	--	0.14 J	0.41 J	124	0.3 B	0.13 U
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	--	0.13 U	0.73 J	46	1.7	0.13 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)													
			CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE
			METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW101A-	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	0.71 U	59	0.49 J	--	0.18 U	--	--	0.12 U	0.18 B	83	--	0.57 U	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	0.71 U	43.6	0.29 U	--	0.18 U	--	--	0.12 U	0.093 U	48	--	1.2 U	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	--	0.71 UL	25.2	6.3	1270	0.42 J	--	1400	0.12 U	0.24 B	32.4	--	1.2 U	--	--
MRC-MW101B-	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	1.1 J	51	2.2 B	--	0.75 J	--	--	0.12 U	0.69 B	17	--	0.57 U	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	0.72 J	90.8	1.6 B	--	0.6 B	--	--	0.12 U	0.19 B	27	--	1.2 U	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	--	0.72 J	36	0.88 B	96700	0.36 J	--	3540	0.12 U	0.18 B	6.7 K	--	1.2 U	--	--
MRC-MW102A-	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	0.71 U	470	0.62 B	--	0.18 U	--	--	0.12 U	0.093 U	670	--	0.57 U	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	0.91 J	410	3.2 J	63 U	2.2 U	--	350	0.5 U	2.2 U	580	--	5.6 U	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	0.71 U	457	0.29 U	--	0.18 U	--	--	0.12 U	0.093 U	608	--	1.2 U	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	2.1 U	437 J	2.1 J	264	0.687 J	--	396	0.024 U	0.09 U	602 J	--	4.5	8780	--
MRC-MW102B-120210	MRC-MW102B	20101202	--	0.75 B	442	5.7	412	0.34 J	--	1030	0.12 U	0.19 B	519	--	1.2 U	--	--
MRC-MW102B-	MRC-MW102B	20130320	--	0.9 U	450	2.7	--	0.42 J	--	--	0.1 UL	0.2 U	630	--	0.68 J	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20120321	--	0.71 U	26	1.9 J	--	0.47 J	--	--	0.12 U	0.093 U	46	--	0.57 U	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	0.71 U	21.9	1.4 B	--	0.29 J	--	--	0.1 U	0.2 B	36.2	--	1.2 U	--	--
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	--	2.8 B	14.8	1.9 B	2380	1.4	--	386	0.12 U	0.34 B	29.4	--	1.2 U	--	--
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20120321	--	0.71 U	25	1.7 J	--	0.18 U	--	--	0.12 U	0.093 U	40	--	0.57 U	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SILVER	SODIUM	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MICROBIOLOGICAL (CELLS/ML)				
													BAV1 VC R-DASE	DEHALOBACTER	DEHALOCOCCOIDES	TCE R-DASE	VC R-DASE
			METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML
MRC-MW101A-	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	0.08 U	--	0.21 B	--	--	--	--	--	0.51 B	30	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	0.08 U	--	0.14 U	--	--	--	--	--	0.44 U	14.5 B	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	0.08 U	--	0.14 UL	--	--	--	--	--	0.81 J	39.4	--	--	--	--	--
MRC-MW101B-	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	0.08 U	--	0.14 U	--	--	--	--	--	1.3 J	22 B	--	--	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	0.08 U	--	0.15 B	--	--	--	--	--	0.44 U	32.2 L	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	0.08 U	--	0.14 U	--	--	--	--	--	0.44 U	6.8 B	--	--	--	--	--
MRC-MW102A-	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	0.08 U	--	0.14 U	--	--	--	--	--	0.44 U	880	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	2.2 U	--	1 U	--	--	--	--	--	2.2 U	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	0.08 U	--	0.14 B	--	--	--	--	--	0.44 U	320	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	0.027 U	--	0.031 U	--	--	--	--	--	0.479 U	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	0.08 U	--	0.14 UL	--	--	--	--	--	0.96 J	462	--	--	--	--	--
MRC-MW102B-	MRC-MW102B	20130320	0.1 U	--	0.2 U	--	--	--	--	--	0.8 U	760	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	0.02 U	0.02 U	0.02 U	0.02 U	0.059	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	0.02 U	0.02 U	0.02 U	0.02 U	0.059	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	0.02 U	0.02 U	0.02 U	0.02 U	0.059	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20120321	0.08 U	--	0.14 U	--	--	--	--	--	0.56 J	86	--	--	--	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	0.08 U	--	0.24 B	--	--	--	--	--	0.44 U	85.6 B	--	--	--	--	--
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	0.08 U	--	0.2 B	--	--	--	--	--	3.8 J	20.4 B	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20120321	0.08 U	--	0.14 U	--	--	--	--	--	0.44 U	55	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)														
			ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON	HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE	NITRITE-N
			MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L
MRC-MW101A-	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL PHOSPHORUS-P	TOTAL SUSPENDED SOLIDS	PH	BROMIDE
			MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	S.U.	UG/L
MRC-MW101A-	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	S PARAMETERS	PCB HOMOLOGS (UG/L)														
			PERCHLORATE	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS
			MISCELLANEOUS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L
MRC-MW101A-	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	0.069 U	0.0054 U	0.03 U	0.015 U	0.0056 U	0.049 U	0.038 U	--	0.014 U	0.013 U	0.0064 U	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	0.069 U	0.0054 U	0.0295 U	0.015 U	0.0056 U	0.0485 U	0.0375 U	--	0.014 U	0.013 U	0.0064 U	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	0.069 U	0.0053 U	0.029 U	0.015 U	0.0055 U	0.048 U	0.037 U	--	0.014 U	0.013 U	0.0064 U	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	0.0044 U	0.011 U	0.01 UJ	0.0017 U	0.019 U	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.0045 U	--	--	--	--
MRC-MW103A-	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	0.0044 U	0.011 U	0.01 U	0.0017 U	0.019 UJ	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.0034 U	0.0044 U	0.011 U	0.01 U
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-090716	MRC-MW103A	20160907	--	0.067 U	0.0052 U	0.029 U	0.014 U	0.0054 U	0.047 U	0.036 U	--	0.013 U	0.012 U	0.0062 U	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	0.07 U	0.0054 U	0.03 U	0.015 U	0.0056 U	0.049 U	0.038 U	--	0.014 U	0.013 U	0.0065 U	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	0.0044 U	0.011 U	0.01 UJ	0.0017 U	0.019 U	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.005 U	--	--	--	--
MRC-MW103B-	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCB HOMOLOGS, FILTERED (UG/L)															
			MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232
			PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L
MRC-MW101A-	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	--	--	--	0.16 U	0.12 U	0.15 U	
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	0.048 U	0.087 U	0.067 U	
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	0.5 UJ	0.5 UJ	0.5 UJ	
MRC-MW-103A-041814	MRC-MW103A	20140418	0.0017 U	0.019 UJ	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.0034 U	--	--	--	--	--	--	--	--	
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	--	--	--	0.17 UJ	0.13 UJ	0.16 UJ	
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MRC-MW103A-120210	MRC-MW103A	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	0.17 U	0.13 U	0.16 U	
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MRC-MW103B-	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	--	--	--	0.17 U	0.13 U	0.16 U	

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCBS (UG/L)														
			AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	BETA-BHC	CHLORDANE (TECHNICAL)	DECACHLOROBIPHENYL	DELTA-BHC	DICHLOROBIPHENYLS	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW101A-	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20120321	0.21 U	0.095 U	0.15 U	0.16 U	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	0.058 U	0.048 U	0.029 U	0.038 U	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	0.22 UJ	0.1 UJ	0.16 UJ	0.17 UJ	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	0.069 U	--	0.0053 U	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20130327	0.22 U	0.1 U	0.16 U	0.17 U	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20120321	0.22 U	0.098 U	0.16 U	0.17 U	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ENDRIN	ENDRIN ALDEHYDE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW101A-	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	0 U	0.1875
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	0.5 UJ	2.25
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	0.03 U	0.015 U	0.0055 U	0.048 U	0.037 U	--	0.014 U	0.013 U	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE			PETROLEUM HYDROCARBONS		PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)						
			TOXAPHENE	TRICHLOROBIPHENYLS	OIL & GREASE - HEM	OIL & GREASE-SGT-HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235
			PCBS (UG/L)	PCBS (UG/L)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
			UG/L	UG/L	MG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L
MRC-MW101A-	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	0.0351 U	0.23 UJ	0.0548 U	0.251 U	--	-0.05 U	0.0018 U
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	0.0123 U	0.171 U	0.0447 U	0.7305 U	--	-0.311 U	0.0016 U
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	-0.011 U	0.112 U	0.0345 U	1.21 U	--	-0.572 U	0.0014 U
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	0.0064 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	0.0238 U	0.225 UJ	0.0847 U	-0.135 U	--	-0.61 U	0.0003 U
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE				SEMIVOLATILE											
			URANIUM-235/236	URANIUM-236	URANIUM-238	1,4-DIOXANE	1,1-BIPHENYL	1,2,4-TRICHLOROBENZENE	1,2-DIPHENYLHYDRAZINE	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE
			RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILE	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW101A-	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	8	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	2.1	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	0.49 U	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	--	--	--	--	0.8 U	--	--	2.6	0.4 U	0.3 U	0.8 U	0.8 U	0.8 U	2.4 U	0.27 U
MRC-MW101B-	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	0.49 U	--	--	--	--	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	0.49 U	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	--	--	--	--	0.8 U	--	--	0.49 U	0.4 U	0.3 U	0.8 U	0.8 U	0.8 U	2.4 U	0.27 U
MRC-MW102A-	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	3	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	1.1	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	0.49 U	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	--	--	--	--	0.8 U	--	--	0.89 J	0.4 U	0.3 U	0.8 U	0.8 U	0.8 U	2.4 U	0.27 U
MRC-MW102B-	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	0.0087 U	0.02	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	0.0069 U	0.0199	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	0.0052 U	0.0198	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20120321	--	--	--	--	--	--	--	0.48 U	--	--	--	--	--	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	0.49 U	--	--	--	--	--	--	--
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	--	--	--	--	0.8 U	--	--	0.49 U	0.4 U	0.3 U	0.8 U	0.8 U	0.8 U	2.4 U	0.27 U
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	-0.003 U	0.0026 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20120321	--	--	--	--	--	--	--	0.47 U	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW101A-	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	0.8 U	0.1 U	0.29 U	0.1 U	0.8 U	0.8 U	0.28 U	--	0.37 U	0.28 U	2.4 U	0.8 U	0.8 U	0.8 U	0.3 U
MRC-MW101B-	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	0.8 U	0.1 U	0.29 U	0.1 U	0.8 U	0.8 U	0.28 U	--	0.37 U	0.28 U	2.4 U	0.8 U	0.8 U	0.8 U	0.3 U
MRC-MW102A-	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	0.8 U	0.1 U	0.29 U	0.1 U	0.8 U	0.8 U	0.28 U	--	0.37 U	0.28 U	2.4 U	0.8 U	0.8 U	0.8 U	0.3 U
MRC-MW102B-	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	0.8 U	0.1 U	0.29 U	0.1 U	0.8 U	0.8 U	0.28 U	--	0.37 U	0.28 U	2.4 U	0.8 U	0.8 U	0.8 U	0.3 U
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)														
			4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZIDINE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
			SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L
MRC-MW101A-	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	0.8 U	0.8 U	2.4 U	0.1 U	0.1 U	0.34 U	0.1 U	0.34 U	--	0.1 U	0.1 U	0.39 U	--	0.1 U	0.1 U
MRC-MW101B-	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	0.8 U	0.8 U	2.4 U	0.1 U	0.1 U	0.34 U	0.1 U	0.34 U	--	0.1 U	0.1 U	0.39 U	--	0.1 U	0.1 U
MRC-MW102A-	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	0.8 U	0.8 U	2.4 U	0.1 U	0.1 U	0.34 U	0.1 U	0.34 U	--	0.1 U	0.1 U	0.39 U	--	0.1 U	0.1 U
MRC-MW102B-	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	0.8 U	0.8 U	2.4 U	0.1 U	0.1 U	0.34 U	0.1 U	0.34 U	--	0.1 U	0.1 U	0.39 U	--	0.1 U	0.1 U
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW101A-	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	0.1 U	0.1 U	0.1 U	0.32 U	0.1 U	0.8 U	0.8 U	0.8 U	0.28 U	0.1 U	0.1 U	0.1 U	0.6 U	0.29 U	0.67 U
MRC-MW101B-	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	0.1 U	0.1 U	0.1 U	0.32 U	0.1 U	0.8 U	0.8 U	0.8 U	0.28 U	0.1 U	0.1 U	0.1 U	0.6 U	0.29 U	0.67 U
MRC-MW102A-	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	0.1 U	0.1 U	0.1 U	0.32 U	0.1 U	0.8 U	0.8 U	1.9 J	0.28 U	0.1 U	0.1 U	0.1 U	0.6 U	0.29 U	0.67 U
MRC-MW102B-	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	0.1 U	0.1 U	0.1 U	0.32 U	0.1 U	0.8 U	0.8 U	0.8 U	0.28 U	0.1 U	0.1 U	0.1 U	0.6 U	0.29 U	0.67 U
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW101A-	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	0.8 U	0.1 U	0.1 U	0.1 U	0.27 U	0.8 U	0.8 U	0.1 U	0.27 U	0.1 U	0.04 U	0.31 U	0.8 U	0.31 U	2.4 U
MRC-MW101B-	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	0.8 U	0.1 U	0.1 U	0.1 U	0.27 U	0.8 U	0.8 U	0.1 U	0.27 U	0.1 U	0.04 U	0.31 U	0.8 U	0.31 U	2.4 U
MRC-MW102A-	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	0.8 U	0.1 U	0.1 U	0.1 U	0.27 U	0.8 U	0.8 U	0.1 U	0.27 U	0.1 U	0.04 U	0.31 U	0.8 U	0.31 U	2.4 U
MRC-MW102B-	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	0.8 U	0.1 U	0.1 U	0.1 U	0.27 U	0.8 U	0.8 U	0.1 U	0.27 U	0.1 U	0.04 U	0.31 U	0.8 U	0.31 U	2.4 U
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)										VC
			PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL-	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE	DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	SILANOL, TRIMETHYL-	ETHANE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILE GASES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW101A-	MRC-MW101A	20130320	--	--	--	--	--	--	--	--	--	--	1.8 NJ	--	--	--	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-120210	MRC-MW101B	20101202	0.1 U	0.6 U	0.1 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW101B-	MRC-MW101B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	--	--	--	--	--	--	1.2 NJ	--	--	0.55 NJ	--	--	--
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-120110	MRC-MW102A	20101201	0.1 U	0.6 U	0.1 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102A-	MRC-MW102A	20130320	--	--	--	--	--	--	--	--	1.3 NJ	--	--	0.57 NJ	1.7 NJ	--	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-120210	MRC-MW102B	20101202	0.31	0.6 U	0.1 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-	MRC-MW102B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	0.1 U	0.6 U	0.1 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20120321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILE GASES (UG/L)														
			ETHENE	METHANE	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE
			VOLATILE GASES	VOLATILE GASES	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW101A-	MRC-MW101A	20130320	--	--	0.33 U	0.31 U	0.26 U	--	0.4 U	0.94 J	1.1 J	0.19 U	0.24 U	0.61 U	0.0084 U	0.21 U	0.17 U
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	0.23 U	0.32 U	0.34 U	0.41 UJ	5.3	1.8	--	0.35 U	--	--	0.27 U	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	0.44 U	0.22 U	0.24 U	0.45 U	5.1	1.5	--	--	--	--	0.32 U	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	3.7	1.1	0.13 U	0.28 B	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	0.22 U	0.34 U	0.33 U	0.26 U	5.6	1.8	--	0.93 U	--	--	0.82 U	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	2.9	0.77 J	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW101B-050814	MRC-MW101B	20140508	--	--	0.22 U	0.36 U	0.25 U	--	0.31 UJ	3.1	1.1	0.29 U	0.82 U	0.7 U	--	0.23 U	0.2 U
MRC-MW101B-120210	MRC-MW101B	20101202	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	3.2	0.88 J	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW101B-	MRC-MW101B	20130320	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	3.9	1	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	0.23 U	0.32 U	0.34 U	0.41 UJ	0.25 U	0.27 U	--	0.35 U	--	--	0.27 U	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	0.23 U	0.32 U	0.34 U	0.41 U	0.25 U	0.27 U	--	0.35 U	--	--	0.27 U	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	0.23 U	0.32 U	0.34 U	0.41 UJ	0.25 U	0.27 U	--	0.35 U	--	--	0.27 U	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	0.44 U	0.22 U	0.24 U	0.45 U	0.3 U	0.45 U	--	--	--	--	0.32 U	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	--	2 U	--	--	2 U	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW102A-050814	MRC-MW102A	20140508	--	--	0.22 U	0.36 U	0.25 U	--	0.31 UJ	0.2 U	0.57 U	0.29 U	0.82 U	0.7 U	--	0.23 U	0.2 U
MRC-MW102A-120110	MRC-MW102A	20101201	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW102A-	MRC-MW102A	20130320	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	2.9 U	4 U	4.3 U	5.1 U	3.1 U	3.4 U	--	--	--	--	4.4 J	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	5.5 U	2.8 U	3 U	5.6 U	3.8 U	5.6 U	--	--	--	--	4 U	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	--	1.9 U	1.8 U	1.5 U	--	2.3 U	1.2 U	1.6 U	1.1 U	1.4 U	3.6 U	0.049 U	1.2 U	1 U
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	1 U	1 U	1 U	1 U	1 U	2.2	--	2 U	--	--	2 U	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	--	2.3 U	2.2 U	1.8 U	--	2.8 U	1.5 U	1.9 J	1.3 U	1.7 U	4.3 U	0.059 U	1.5 U	1.2 U
MRC-MW102B-050814	MRC-MW102B	20140508	--	--	0.22 U	0.36 U	0.25 U	--	0.31 UJ	0.2 U	1.9	0.29 U	0.82 U	0.7 U	--	0.23 U	0.2 U
MRC-MW102B-120210	MRC-MW102B	20101202	--	--	2.3 U	2.2 U	1.8 U	--	2.8 U	1.5 U	1.9 U	1.3 U	1.7 U	4.3 U	0.059 U	1.5 U	1.2 U
MRC-MW102B-	MRC-MW102B	20130320	--	--	2.1 U	2 U	1.6 U	--	2.5 U	1.4 U	1.7 U	1.2 U	1.5 U	3.9 U	0.054 U	1.4 U	1.1 U
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	0.35 U	--	--	0.27 U	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	0.35 U	--	--	0.27 U	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	0.35 U	--	--	0.27 U	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	--	0.22 UJ	0.36 UJ	0.25 UJ	--	0.31 UJ	0.2 UJ	0.57 UJ	0.29 UJ	0.82 UJ	0.7 UJ	--	0.23 UJ	0.2 UJ
MRC-MW103A-	MRC-MW103A	20120321	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	0.37 U	--	--	0.32 U	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	0.35 U	--	--	0.27 U	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	--	0.22 UJ	0.36 UJ	0.25 UJ	--	0.31 UJ	0.2 UJ	0.57 UJ	0.29 UJ	0.82 UJ	0.7 UJ	--	0.23 UJ	0.2 UJ
MRC-MW103B-	MRC-MW103B	20120321	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRICHLOROBENZENE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	1,4-DIOXANE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW101A-	MRC-MW101A	20130320	0.96 U	0.34 U	0.19 U	0.31 U	0.26 U	--	--	0.2 U	0.23 U	0.19 U	--	0.19 U	0.82 U	1.4 U	0.16 U
MRC-MW101B-032817	MRC-MW101B	20170328	0.47 U	0.23 U	0.26 U	0.3 U	0.3 U	0.33 U	--	0.32 U	--	0.23 U	--	--	1 U	--	--
MRC-MW-101B-040116	MRC-MW101B	20160401	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	--	0.27 U	--	--	0.53 UJ	--	--
MRC-MW101B-040912	MRC-MW101B	20120409	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW-101B-042115	MRC-MW101B	20150421	1.5 U	0.28 U	0.38 U	0.32 U	0.24 U	--	--	0.25 U	--	0.27 U	58.9 U	--	1.8 U	--	--
MRC-MW101B-042711	MRC-MW101B	20110427	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW101B-050814	MRC-MW101B	20140508	0.74 U	0.24 U	0.21 U	0.36 U	0.2 U	--	--	0.2 U	0.27 U	0.2 U	--	0.27 U	0.81 U	0.44 UJ	0.2 U
MRC-MW101B-120210	MRC-MW101B	20101202	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW101B-	MRC-MW101B	20130320	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW102A-032817	MRC-MW102A	20170328	0.47 U	0.23 U	0.26 U	0.3 U	0.3 U	0.33 U	--	0.32 U	--	0.23 U	--	--	1 U	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	0.47 U	0.23 U	0.26 U	0.3 U	0.3 U	0.33 U	--	0.32 U	--	0.23 U	--	--	1 U	--	--
MRC-MW102A-032817-	MRC-MW102A	20170328	0.47 U	0.23 U	0.26 U	0.3 U	0.3 U	0.33 U	--	0.32 U	--	0.23 U	--	--	1 U	--	--
MRC-MW-102A-040516	MRC-MW102A	20160405	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	--	0.27 U	--	--	0.53 U	--	--
MRC-MW102A-040612	MRC-MW102A	20120406	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 UR	0.99 U	0.11 U
MRC-MW-102A-042015	MRC-MW102A	20150420	7 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	320 UR	--	10 U	--	--
MRC-MW102A-042811	MRC-MW102A	20110428	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW102A-050814	MRC-MW102A	20140508	0.74 U	0.24 U	0.21 U	0.36 U	0.2 U	--	--	0.2 U	0.27 U	0.2 U	--	0.27 U	0.81 U	0.44 UJ	0.2 U
MRC-MW102A-120110	MRC-MW102A	20101201	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW102A-	MRC-MW102A	20130320	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	5.9 U	2.9 U	3.3 U	3.8 U	3.8 U	--	--	4 U	--	2.9 U	--	--	13 U	--	--
MRC-MW-102B-040516	MRC-MW102B	20160405	10 U	4 U	3.1 U	2.9 U	3.1 U	--	--	2.4 U	--	3.4 U	--	--	6.6 U	--	--
MRC-MW102B-040612	MRC-MW102B	20120406	5.6 U	2 U	1.1 U	1.8 U	1.5 U	--	--	1.2 U	1.3 U	1.1 U	--	1.1 U	4.7 UR	8.2 U	0.92 U
MRC-MW-102B-042015	MRC-MW102B	20150420	7 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	320 UR	--	10 U	--	--
MRC-MW102B-042811	MRC-MW102B	20110428	6.7 U	2.4 U	1.3 U	2.2 U	1.8 U	--	--	1.4 U	1.6 U	1.3 U	--	1.3 U	5.7 U	9.9 U	1.1 U
MRC-MW102B-050814	MRC-MW102B	20140508	0.74 U	0.24 U	0.21 U	0.36 U	0.2 U	--	--	0.2 U	0.27 U	0.2 U	--	0.27 U	0.81 U	0.44 UJ	0.2 U
MRC-MW102B-120210	MRC-MW102B	20101202	6.7 U	2.4 U	1.3 U	2.2 U	1.8 U	--	--	1.4 U	1.6 U	1.3 U	--	1.3 U	5.7 U	9.9 U	1.1 U
MRC-MW102B-	MRC-MW102B	20130320	6.1 U	2.2 U	1.2 U	2 U	1.6 U	--	--	1.3 U	1.5 U	1.2 U	--	1.2 U	5.2 U	9 U	1 U
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	0.26 U	--	--	0.33 U	--	0.32 U	--	0.23 U	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	0.26 U	--	--	0.33 U	--	0.32 U	--	0.23 U	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	0.26 U	--	--	0.33 U	--	0.32 U	--	0.23 U	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	0.74 UJ	0.24 UJ	0.21 UJ	23 J	0.27 J	--	--	0.2 UJ	0.27 UJ	0.2 UJ	--	0.27 UJ	0.81 UJ	0.44 UJ	0.2 UJ
MRC-MW103A-	MRC-MW103A	20120321	0.67 U	0.24 U	0.13 U	34	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	0.25 U	--	--	0.42 U	--	0.19 U	--	0.27 U	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	0.67 U	0.24 U	0.13 U	22	0.21 J	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	0.67 U	0.24 U	0.13 U	5.4	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	0.26 U	--	--	0.33 U	--	0.32 U	--	0.23 U	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	0.74 UJ	0.24 UJ	0.21 UJ	1.3 J	0.2 UJ	--	--	0.2 UJ	0.27 UJ	0.2 UJ	--	0.27 UJ	0.81 UJ	0.44 UJ	0.2 UJ
MRC-MW103B-	MRC-MW103B	20120321	0.67 U	0.24 U	0.13 U	8.7	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	ACROLEIN	ACRYLONITRILE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW101A-	MRC-MW101A	20130320	0.59 U	0.26 U	0.17 U	0.46 U	1.6 U	--	--	0.19 U	0.19 U	0.41 U	0.21 U	0.92 U	0.59 U	0.19 U	0.19 U
MRC-MW101B-032817	MRC-MW101B	20170328	1.2 U	--	--	0.71 U	1.8 U	--	--	0.28 U	--	--	0.3 U	0.43 U	0.42 U	0.34 UJ	0.35 U
MRC-MW-101B-040116	MRC-MW101B	20160401	0.48 UJ	--	--	0.99 UJ	0.94 U	--	--	0.35 U	--	--	0.29 U	0.56 U	0.44 UJ	0.38 U	0.43 U
MRC-MW101B-040912	MRC-MW101B	20120409	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW-101B-042115	MRC-MW101B	20150421	1.3 U	--	--	1.5 U	4.8 J	--	--	0.23 U	--	0.32 U	0.27 U	0.4 U	0.62 U	0.23 U	0.31 U
MRC-MW101B-042711	MRC-MW101B	20110427	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW101B-050814	MRC-MW101B	20140508	1.7 U	0.24 U	0.2 UJ	0.67 U	1.3 U	--	--	0.2 U	0.28 U	0.32 U	0.32 U	0.42 U	0.29 U	0.22 U	0.45 U
MRC-MW101B-120210	MRC-MW101B	20101202	0.41 U	0.18 U	0.12 U	0.32 U	6.2 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW101B-	MRC-MW101B	20130320	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW102A-032817	MRC-MW102A	20170328	1.2 U	--	--	0.71 U	1.8 U	--	--	0.28 U	--	--	0.3 U	0.43 U	0.42 U	0.34 UJ	0.35 U
MRC-MW102A-032817-	MRC-MW102A	20170328	1.2 U	--	--	0.71 U	1.8 U	--	--	0.28 U	--	--	0.3 U	0.43 U	0.42 U	0.34 U	0.35 U
MRC-MW102A-032817-	MRC-MW102A	20170328	1.2 U	--	--	0.71 U	1.8 U	--	--	0.28 U	--	--	0.3 U	0.43 U	0.42 U	0.34 UJ	0.35 U
MRC-MW-102A-040516	MRC-MW102A	20160405	0.48 U	--	--	0.99 U	0.94 U	--	--	0.35 U	--	--	0.29 U	0.56 UJ	0.44 UJ	0.38 U	0.43 U
MRC-MW102A-040612	MRC-MW102A	20120406	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	3.1	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW-102A-042015	MRC-MW102A	20150420	5 U	--	--	5 U	10 U	--	--	0.42 J	--	1 U	1 U	1 U	0.6 U	1 UJ	1 U
MRC-MW102A-042811	MRC-MW102A	20110428	0.41 U	0.18 U	0.12 U	0.32 U	1.5 B	--	--	3.1	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW102A-050814	MRC-MW102A	20140508	1.7 U	0.24 U	0.2 UJ	0.67 U	1.3 U	--	--	0.22 J	0.28 U	0.32 U	0.32 U	0.42 U	0.29 U	0.22 U	0.45 U
MRC-MW102A-120110	MRC-MW102A	20101201	0.41 U	0.18 U	0.12 U	0.32 U	6.7 B	--	--	3.2	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW102A-	MRC-MW102A	20130320	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	1	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	15 U	--	--	8.9 U	22 U	--	--	3.5 U	--	--	3.8 U	5.4 U	5.3 U	4.3 U	4.4 U
MRC-MW-102B-040516	MRC-MW102B	20160405	6 U	--	--	12 U	12 U	--	--	4.4 U	--	--	3.6 U	7 UJ	5.5 UJ	4.8 U	5.4 U
MRC-MW102B-040612	MRC-MW102B	20120406	3.4 U	1.5 U	1 U	2.7 U	9.2 U	--	--	1.1 U	1.1 U	2.4 U	1.2 U	5.3 U	3.4 U	1.1 U	1.1 U
MRC-MW-102B-042015	MRC-MW102B	20150420	5 U	--	--	5 U	10 U	--	--	0.38 J	--	1 U	1 U	1 U	0.56 U	1 UJ	1 U
MRC-MW102B-042811	MRC-MW102B	20110428	4.1 U	1.8 U	1.2 U	3.2 U	11 U	--	--	1.3 U	1.3 U	2.9 U	1.5 U	6.4 U	4.1 U	1.3 U	1.3 U
MRC-MW102B-050814	MRC-MW102B	20140508	1.7 U	0.24 U	0.2 UJ	0.67 U	1.3 U	--	--	0.27 J	0.28 U	0.32 U	0.32 U	0.42 U	0.29 U	0.22 U	0.45 U
MRC-MW102B-120210	MRC-MW102B	20101202	4.1 U	1.8 U	1.2 U	3.2 U	11 U	--	--	1.3 U	1.3 U	2.9 U	1.5 U	6.4 U	4.1 U	1.3 U	1.3 U
MRC-MW102B-	MRC-MW102B	20130320	3.7 U	1.6 U	1.1 U	2.9 U	10 U	--	--	1.2 U	1.2 U	2.6 U	1.4 U	5.8 U	3.7 U	1.2 U	1.2 U
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	1.7 UJ	0.24 UJ	0.2 UJ	0.67 UJ	1.3 UJ	--	--	0.2 UJ	0.28 UJ	0.32 UJ	0.32 UJ	0.42 UJ	0.29 UJ	0.22 UJ	0.45 UJ
MRC-MW103A-	MRC-MW103A	20120321	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 UJ	0.13 U	0.13 U
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.34 J	0.13 U
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	1.7 UJ	0.24 UJ	0.2 UJ	0.67 UJ	1.3 UJ	--	--	0.2 UJ	0.28 UJ	0.32 UJ	0.32 UJ	0.42 UJ	0.29 UJ	0.22 UJ	0.45 UJ
MRC-MW103B-	MRC-MW103B	20120321	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 UJ	0.13 U	0.13 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)														
			CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	CYCLOHEXANE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIETHYL ETHER	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW101A-	MRC-MW101A	20130320	0.21 U	0.26 U	0.41 U	0.23 U	0.43 U	51	0.2 U	--	0.4 U	0.44 UJ	--	2.1 U	--	0.16 U	0.24 U
MRC-MW101B-032817	MRC-MW101B	20170328	0.32 U	0.25 U	0.41 U	0.31 U	0.43 U	1.6	0.26 U	0.44 UJ	--	0.5 UJ	--	--	--	--	0.26 U
MRC-MW-101B-040116	MRC-MW101B	20160401	0.25 U	0.43 U	0.32 UJ	0.25 U	0.44 U	1.8	0.46 U	0.45 U	--	0.32 U	--	--	--	--	0.25 U
MRC-MW101B-040912	MRC-MW101B	20120409	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	2.3	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW-101B-042115	MRC-MW101B	20150421	0.19 U	0.45 U	7	0.21 U	0.33 J	2	0.31 U	0.29 U	--	0.33 U	--	--	--	--	0.34 U
MRC-MW101B-042711	MRC-MW101B	20110427	0.15 U	0.18 U	0.29 U	0.23 J	0.3 U	2.1	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW101B-050814	MRC-MW101B	20140508	0.29 U	0.31 U	0.24 U	0.25 U	0.21 U	1.4	0.24 U	--	0.32 U	0.46 U	--	0.2 U	0.2 U	--	0.2 U
MRC-MW101B-120210	MRC-MW101B	20101202	0.15 U	0.18 U	0.29 U	1	0.66 J	2.8	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW101B-	MRC-MW101B	20130320	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	2	0.14 U	--	0.28 U	0.31 UJ	--	1.5 U	--	0.11 U	0.17 U
MRC-MW102A-032817	MRC-MW102A	20170328	0.32 U	0.25 U	0.41 U	0.31 U	0.43 U	1.9	0.26 U	1.4 J	--	0.5 UJ	--	--	--	--	0.26 U
MRC-MW102A-032817-	MRC-MW102A	20170328	0.32 U	0.25 U	0.41 U	0.31 U	0.43 U	1.85	0.26 U	1.25	--	0.5 U	--	--	--	--	0.26 U
MRC-MW102A-032817-	MRC-MW102A	20170328	0.32 U	0.25 U	0.41 U	0.31 U	0.43 U	1.8	0.26 U	1.1 J	--	0.5 UJ	--	--	--	--	0.26 U
MRC-MW-102A-040516	MRC-MW102A	20160405	0.25 U	0.43 U	0.32 UJ	0.25 U	0.44 U	1.5	0.46 U	1.3	--	0.32 U	--	--	--	--	0.25 U
MRC-MW102A-040612	MRC-MW102A	20120406	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	1.8	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW-102A-042015	MRC-MW102A	20150420	1 U	1 U	1 U	1 U	1 U	2.3	1 U	1.2	--	1 UJ	--	--	--	--	1 U
MRC-MW102A-042811	MRC-MW102A	20110428	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	2.5	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW102A-050814	MRC-MW102A	20140508	0.29 U	0.31 U	0.24 U	0.25 U	0.21 U	1.2	0.24 U	--	0.32 U	0.46 U	--	0.2 U	0.2 U	--	0.2 U
MRC-MW102A-120110	MRC-MW102A	20101201	0.15 U	0.18 U	0.29 U	0.19 J	0.3 U	1.2	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW102A-	MRC-MW102A	20130320	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	2.6	0.14 U	--	0.28 U	0.31 UJ	--	1.5 U	--	0.11 U	0.17 U
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	4 U	3.1 U	5.1 U	3.9 U	5.4 UJ	520	3.3 U	5.5 U	--	6.3 U	--	--	--	--	3.3 U
MRC-MW-102B-040516	MRC-MW102B	20160405	3.1 U	5.4 U	4 UJ	3.1 U	5.5 U	350	5.8 U	5.6 U	--	4 U	--	--	--	--	3.1 U
MRC-MW102B-040612	MRC-MW102B	20120406	1.2 U	1.5 U	2.4 U	1.3 U	2.5 U	300	1.2 U	--	2.3 U	2.6 U	--	12 U	0.92 U	--	1.4 U
MRC-MW-102B-042015	MRC-MW102B	20150420	1 U	1 U	1 U	1 U	1 U	482	1 U	1 U	--	1 UJ	--	--	--	--	1 U
MRC-MW102B-042811	MRC-MW102B	20110428	1.5 U	1.8 U	2.9 U	1.6 U	3 U	370	1.4 U	--	2.8 U	3.1 U	--	15 U	1.1 U	--	1.7 U
MRC-MW102B-050814	MRC-MW102B	20140508	0.29 U	0.31 U	0.24 U	0.25 U	0.21 U	410 J	0.24 U	--	0.32 U	0.46 U	--	0.2 U	0.2 U	--	0.2 U
MRC-MW102B-120210	MRC-MW102B	20101202	1.5 U	1.8 U	2.9 U	1.6 U	3 U	300	1.4 U	--	2.8 U	3.1 U	--	15 U	1.1 U	--	1.7 U
MRC-MW102B-	MRC-MW102B	20130320	1.4 U	1.6 U	2.6 U	1.5 U	2.7 U	360	1.3 U	--	2.5 U	2.8 UJ	--	14 U	--	1 U	1.5 U
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	0.32 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	0.32 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	0.32 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	0.29 UJ	0.31 UJ	0.24 UJ	1.5 J	0.21 UJ	0.3 UJ	0.24 UJ	--	0.32 UJ	0.46 UJ	--	0.2 UJ	0.2 UJ	--	0.2 UJ
MRC-MW103A-	MRC-MW103A	20120321	0.54 J	0.18 U	0.29 UJ	1.8	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW-103A-033016	MRC-MW103A	20160330	0.25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	1.2	0.18 U	0.29 U	2.3	0.45 J	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	0.41 J	0.18 U	0.29 U	4.9	0.55 J	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	0.32 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	0.29 UJ	0.31 UJ	0.24 UJ	0.25 UJ	0.21 UJ	0.3 UJ	0.24 UJ	--	0.32 UJ	0.46 UJ	--	0.2 UJ	0.2 UJ	--	0.2 UJ
MRC-MW103B-	MRC-MW103B	20120321	0.15 U	0.18 U	0.29 UJ	0.98 J	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	FLUORODICHLOROMETHANE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW101A-	MRC-MW101A	20130320	--	0.43 U	0.19 U	0.34 U	--	--	0.24 U	0.47 U	0.34 U	0.17 U	0.2 U	0.2 U	0.19 U	0.16 U	--
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	0.21 U	--	1.4 U	0.45 UJ	0.27 U	0.53 U	--	--	--	--	--	0.23 U	--
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	0.35 U	--	2.3 U	0.43 U	0.2 U	0.33 U	--	--	--	--	--	0.45 U	--
MRC-MW101B-040912	MRC-MW101B	20120409	--	0.75 B	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	0.22 U	0.52 U	0.32 U	0.3 U	0.33 U	0.45 U	--	--	--	0.33 U	--	0.24 U	--
MRC-MW101B-042711	MRC-MW101B	20110427	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW101B-050814	MRC-MW101B	20140508	--	0.62 UJ	0.2 U	0.33 U	--	--	0.29 U	0.32 U	0.2 U	0.21 UJ	0.2 U	0.2 U	0.27 UJ	0.2 U	0.2 U
MRC-MW101B-120210	MRC-MW101B	20101202	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW101B-	MRC-MW101B	20130320	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	--
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	0.21 U	--	1.4 U	0.47 J	0.27 U	0.53 U	--	--	--	--	--	0.23 U	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	0.21 U	--	1.4 U	0.3475	0.27 U	0.53 U	--	--	--	--	--	0.23 U	--
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	0.21 U	--	1.4 U	0.45 UJ	0.27 U	0.53 U	--	--	--	--	--	0.23 U	--
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	0.35 U	--	2.3 U	0.68 J	0.2 U	0.33 U	--	--	--	--	--	0.45 U	--
MRC-MW102A-040612	MRC-MW102A	20120406	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	1 U	2 U	2 U	0.63 J	1 U	1 U	--	--	--	1 U	--	1 U	--
MRC-MW102A-042811	MRC-MW102A	20110428	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW102A-050814	MRC-MW102A	20140508	--	0.62 UJ	0.2 U	0.33 U	--	--	0.29 U	0.32 U	0.2 U	0.21 UJ	0.2 U	0.2 U	0.27 UJ	0.2 U	0.2 U
MRC-MW102A-120110	MRC-MW102A	20101201	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW102A-	MRC-MW102A	20130320	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	--
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	2.6 U	--	18 U	5.6 U	3.4 U	33 U	--	--	--	--	--	2.9 U	--
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	4.4 U	--	28 U	5.4 U	2.5 U	8.9 U	--	--	--	--	--	5.6 U	--
MRC-MW102B-040612	MRC-MW102B	20120406	--	2.5 U	1.1 U	2 U	--	--	1.4 U	5.9 B	2 U	1 U	1.2 U	1.2 U	1.1 U	0.92 U	0.56 U
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	1 U	2 U	2 U	1 UJ	1 U	1 U	--	--	--	1 U	--	1 U	--
MRC-MW102B-042811	MRC-MW102B	20110428	--	3 U	1.3 U	2.4 U	--	--	1.7 U	3.3 J	2.4 U	1.2 U	1.4 U	1.4 U	1.3 U	1.1 U	0.67 U
MRC-MW102B-050814	MRC-MW102B	20140508	--	0.62 UJ	0.2 U	0.33 U	--	--	0.29 U	0.32 U	0.2 U	0.21 UJ	0.2 U	0.2 U	0.27 UJ	0.2 U	0.2 U
MRC-MW102B-120210	MRC-MW102B	20101202	--	3 U	1.3 U	2.4 U	--	--	1.7 U	3.3 U	2.4 U	1.2 U	1.4 U	1.4 U	1.3 U	1.1 U	0.67 U
MRC-MW102B-	MRC-MW102B	20130320	--	2.7 U	1.2 U	2.2 U	--	--	1.5 U	3.6 B	2.2 U	1.1 U	1.3 U	1.3 U	1.2 U	1 U	--
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-031814	MRC-MW103A	20140318	--	0.62 UJ	0.2 UJ	0.33 UJ	--	--	0.29 UJ	0.32 UJ	0.2 UJ	0.21 UJ	0.2 UJ	0.2 UJ	0.27 UJ	0.2 UJ	0.2 UJ
MRC-MW103A-	MRC-MW103A	20120321	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-042611	MRC-MW103A	20110426	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103A-120210	MRC-MW103A	20101202	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-031814	MRC-MW103B	20140318	--	0.62 UJ	0.2 UJ	0.33 UJ	--	--	0.29 UJ	0.32 UJ	0.2 UJ	0.21 UJ	0.2 UJ	0.2 UJ	0.27 UJ	0.2 UJ	0.2 UJ
MRC-MW103B-	MRC-MW103B	20120321	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	
MRC-MW101A-	MRC-MW101A	20130320	0.096 U	0.19 U	5.6 UR	0.41 U	0.19 U	--	0.4 U	--	2.2	0.27 U	8.9	0.3 UJ	0.27 UR	4	NORMAL
MRC-MW101B-032817	MRC-MW101B	20170328	--	--	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.31 U	1.7	0.5 U	--	0.45 U	NORMAL
MRC-MW-101B-040116	MRC-MW101B	20160401	--	--	--	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.56 U	1.9	0.49 UJ	--	0.29 U	NORMAL
MRC-MW101B-040912	MRC-MW101B	20120409	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	2.6	0.21 U	0.19 UR	0.22 U	NORMAL
MRC-MW-101B-042115	MRC-MW101B	20150421	--	--	--	0.35 U	0.23 U	--	--	--	0.26 U	0.29 U	2	0.24 U	--	0.3 U	NORMAL
MRC-MW101B-042711	MRC-MW101B	20110427	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	2.2	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW101B-050814	MRC-MW101B	20140508	--	0.2 UJ	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	0.2 U	1.4	0.2 U	1.1 U	0.32 U	NORMAL
MRC-MW101B-120210	MRC-MW101B	20101202	--	0.13 U	3.9 UR	0.29 U	0.43 J	--	0.28 U	--	0.19 U	0.19 U	3	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW101B-	MRC-MW101B	20130320	0.067 U	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	2.3	0.21 UJ	0.19 UR	0.22 U	NORMAL
MRC-MW102A-032817	MRC-MW102A	20170328	--	--	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.31 U	0.33 U	0.5 U	--	0.45 U	NORMAL
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.31 U	0.33 U	0.5 U	--	0.45 U	NORMAL
MRC-MW102A-032817-	MRC-MW102A	20170328	--	--	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.31 U	0.33 U	0.5 U	--	0.45 U	NORMAL
MRC-MW-102A-040516	MRC-MW102A	20160405	--	--	--	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.56 U	0.22 U	0.49 UJ	--	0.3 J	NORMAL
MRC-MW102A-040612	MRC-MW102A	20120406	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 U	0.19 U	0.39 J	NORMAL
MRC-MW-102A-042015	MRC-MW102A	20150420	--	--	--	1 U	1 U	--	--	--	1 U	1 U	0.42 J	1 U	--	0.38 J	NORMAL
MRC-MW102A-042811	MRC-MW102A	20110428	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 U	0.19 U	0.48 J	NORMAL
MRC-MW102A-050814	MRC-MW102A	20140508	--	0.2 UJ	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	0.2 U	0.22 U	0.2 U	1.1 U	0.32 U	NORMAL
MRC-MW102A-120110	MRC-MW102A	20101201	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 U	0.19 U	0.26 J	NORMAL
MRC-MW102A-	MRC-MW102A	20130320	0.067 U	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 UJ	0.19 UR	0.55 J	NORMAL
MRC-MW102B-032817	MRC-MW102B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW102B-032917	MRC-MW102B	20170329	--	--	--	3.8 U	2.9 U	--	3 U	--	4 J	3.9 U	150	6.3 U	--	5.6 U	NORMAL
MRC-MW-102B-040516	MRC-MW102B	20160405	--	--	--	3.9 U	2.9 U	--	6.5 U	6.5	3.8 U	7 U	78	6.1 UJ	--	3.6 U	NORMAL
MRC-MW102B-040612	MRC-MW102B	20120406	--	1.1 U	32 UR	2.4 U	1.1 U	--	2.3 U	--	2.6 J	1.6 U	69	1.7 U	1.6 U	1.8 U	NORMAL
MRC-MW-102B-042015	MRC-MW102B	20150420	--	--	--	1 U	1 U	--	--	--	6 J	1 U	123	1 U	--	0.39 J	NORMAL
MRC-MW102B-042811	MRC-MW102B	20110428	--	1.3 U	39 UR	2.9 U	1.3 U	--	2.8 U	--	3.2 J	1.9 U	78	2.1 U	1.9 U	2.2 U	NORMAL
MRC-MW102B-050814	MRC-MW102B	20140508	--	0.2 UJ	11 U	0.3 U	0.2 U	--	0.53 U	--	2.9	0.2 U	93	0.2 U	1.1 U	0.35 J	NORMAL
MRC-MW102B-120210	MRC-MW102B	20101202	--	1.3 U	39 UR	2.9 U	1.3 U	--	2.8 U	--	3.2 J	1.9 U	81	2.1 U	1.9 U	2.2 U	NORMAL
MRC-MW102B-	MRC-MW102B	20130320	0.61 U	1.2 U	35 UR	2.6 U	1.2 U	--	2.5 U	--	3.1 J	1.7 U	73	1.9 UJ	1.7 UR	2 U	NORMAL
MRC-MW103A-022017	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW103A-022017-	MRC-MW103A	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW103A-030907	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW103A-030907-	MRC-MW103A	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW103A-031814	MRC-MW103A	20140318	--	0.2 UJ	11 UJ	0.3 UJ	0.2 UJ	--	0.53 UJ	--	0.33 UJ	0.2 UJ	0.22 UJ	3.1 J	1.1 UJ	0.32 UJ	NORMAL
MRC-MW103A-	MRC-MW103A	20120321	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	7.3 J	0.19 UR	0.22 U	NORMAL
MRC-MW-103A-033016	MRC-MW103A	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-103A-041415	MRC-MW103A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-103A-041814	MRC-MW103A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW103A-042611	MRC-MW103A	20110426	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	6	0.19 U	0.22 U	NORMAL
MRC-MW-103A-090716	MRC-MW103A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-103A-112217	MRC-MW103A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW103A-120210	MRC-MW103A	20101202	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	1.2	0.19 U	0.22 U	NORMAL
MRC-MW103A-	MRC-MW103A	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW103B-022017	MRC-MW103B	20170220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW103B-030907	MRC-MW103B	20170309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW103B-031814	MRC-MW103B	20140318	--	0.2 UJ	11 UJ	0.3 UJ	0.2 UJ	--	0.53 UJ	--	0.33 UJ	0.2 UJ	0.22 UJ	0.2 UJ	1.1 UJ	0.32 UJ	NORMAL
MRC-MW103B-	MRC-MW103B	20120321	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	2.3 J	0.19 UR	0.22 U	NORMAL

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURANS	DISSOLVED METALS (UG/L)												
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
			DIOXINS/FURANS	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED
			MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	0.46 B	0.28 B	110	2.6	0.11 B	0.18 B	28	1 B	--	0.43 B	--	0.12 U	0.81 U	51
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	0.14 B	0.47 B	52	7.9	0.029 B	0.27 B	46	0.9 B	--	0.26 B	--	0.12 U	0.81 U	88
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126A-112917	MRC-MW126A	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126B-112917	MRC-MW126B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY
								FILTERED (0.10) METALS (UG/L)									
			DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	0.48 J	0.038 B	0.4 U	0.3 B	59	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	0.34 U	0.01 B	0.4 U	0.15 U	140	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126A-112917	MRC-MW126A	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126B-112917	MRC-MW126B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER
																	FILTER
			FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126A-112917	MRC-MW126A	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126B-112917	MRC-MW126B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	LED (0.45) METALS (UG/L)														
			LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
			FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	68.4	0.55 J	0.13 U
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	59.2	0.48 B	0.13 U
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	0.98 J	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	--	--	--	--	--	--	--	--	--	0.58 B	0.38 B	110	2.9	0.18 J
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	6.8	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	6.9	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	7	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	--	--	--	--	--	--	--	--	--	0.3 B	0.55 B	56	7.8	0.048 B
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	66 J	3.1 U	3.3 U	63 J	1.3 U	0.29 U
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	56 J	3.1 U	4.1 J	160 J	2 U	0.29 U
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	250 J	3.1 U	3.3 U	110 J	2.1 U	0.29 U
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	40 U	3.1 U	3.3 U	68 J	4.3 J	0.29 U
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	38	3.1 U	3.3 U	67.5	4.4	0.29 U
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	56 J	3.1 U	3.3 U	67 J	4.5 J	0.29 U
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	40 U	4.5 J	3.3 U	54 J	4.9 J	0.29 U
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126A-112917	MRC-MW126A	20171129	--	--	--	--	--	--	--	--	--	120 J	3.8 J	3.3 U	12 J	0.21 U	0.29 U
MRC-MW126B-112917	MRC-MW126B	20171129	--	--	--	--	--	--	--	--	--	770	3.1 U	3.3 U	31 J	0.21 U	0.29 U
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)													
			CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE
			METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	0.71 U	21.8	0.57 B	--	0.18 U	--	--	0.1 U	0.093 U	44.8	--	1.2 U	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	0.71 UL	20	0.29 U	2470	0.18 U	--	384	0.12 U	0.093 U	38	--	1.2 U	--	--
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	34.4	--	--	--	--	--	0.024 U	--	54.8	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	0.38 B	28	0.91 B	--	0.71 B	--	--	0.12 U	0.81 U	51	--	0.4 J	--	--
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	28.8	--	--	--	--	--	0.024 U	--	67.1	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	29.1	--	--	--	--	--	0.024 U	--	68	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	29.4	--	--	--	--	--	0.024 U	--	68.9	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	0.71 B	47	0.77 B	--	0.56 B	--	--	0.12 U	0.81 U	92	--	0.56 J	--	--
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	18000	0.55 U	44	3.9 U	2900	1.9 U	3600 J	800	0.13 U	--	28 J	3100 J	5.1 U	--	--
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	27000	0.55 U	35	3.9 U	6600	1.9 U	10000	610	0.13 U	--	52	12000	5.1 U	--	--
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	16000	0.55 U	30	3.9 U	820	1.9 U	5900	470	0.13 U	--	52	6800	5.1 U	--	--
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	11000	0.55 U	22	3.9 U	53 U	1.9 U	3200 J	510	0.13 U	--	42	2300 J	5.1 U	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	10500	0.55 U	22	3.9 U	51.5 U	1.9 U	3150	505	0.13 U	--	41.5	2300	5.1 U	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	10000	0.55 U	22	3.9 U	50 U	1.9 U	3100 J	500	0.13 U	--	41	2300 J	5.1 U	--	--
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	4400 J	0.55 U	27	3.9 U	90 U	1.9 U	2500 J	520	0.13 U	--	50	1800 J	5.1 U	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126A-112917	MRC-MW126A	20171129	31000	0.55 U	3.6 J	3.9 U	1900	1.9 U	4900 J	97	0.13 U	--	1.6 U	2700 U	5.1 U	--	--
MRC-MW126B-112917	MRC-MW126B	20171129	6900	2.2 U	19	4.3 J	8400	1.9 U	1900 J	490	0.13 U	--	19 J	2300 U	5.1 U	--	--
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SILVER	SODIUM	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MICROBIOLOGICAL (CELLS/ML)				
													BAV1 VC R-DASE	DEHALOBACTER	DEHALOCOCCOIDES	TCE R-DASE	VC R-DASE
			METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	0.08 U	--	0.19 B	--	--	--	--	--	0.44 U	30.8 B	--	--	--	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	0.08 U	--	0.19 B	--	--	--	--	--	0.67 J	29.9	--	--	--	--	--
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	0.02 U	0.02 U	0.02 U	0.02 U	0.13	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	0.043 B	--	0.4 U	--	--	--	--	--	0.48 B	58	--	--	--	--	--
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	0.02 U	0.02 U	0.02 U	0.02 U	0.055	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	0.016 B	--	0.4 U	--	--	--	--	--	0.93 B	140	--	--	--	--	--
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	0.92 U	150000	2.1 U	--	--	--	--	--	4.4 UJ	32 J	--	--	--	--	--
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	0.92 U	81000	2.1 U	--	--	--	--	--	4.4 UJ	50	--	--	--	--	--
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	0.92 U	26000	2.1 U	--	--	--	--	--	4.4 UJ	76	--	--	--	--	--
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	0.92 U	8800	2.1 U	--	--	--	--	--	4.4 U	43 J	--	--	--	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	0.92 U	8750	2.1 U	--	--	--	--	--	4.4 U	42.5	--	--	--	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	0.92 U	8700	2.1 U	--	--	--	--	--	4.4 U	42 J	--	--	--	--	--
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	0.92 U	7600	2.1 U	--	--	--	--	--	4.4 U	58	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126A-112917	MRC-MW126A	20171129	0.92 U	6500	2.1 U	--	--	--	--	--	4.4 U	16 U	--	--	--	--	--
MRC-MW126B-112917	MRC-MW126B	20171129	0.92 U	3800 J	2.1 U	--	--	--	--	--	4.4 U	26 J	--	--	--	--	--
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)														
			ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON	HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE	NITRITE-N
			MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	--	--	--	--	--	--	--	--	--	2E-05 L	--	--	--	--
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	--	--	--	--	--	--	--	--	--	2E-05 UL	--	--	--	--
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	0.0021 UJ	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	0.0021 U	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	0.0021 U	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	0.0021 U	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	0.0021 U	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	0.0021 U	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	0.0021 U	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126A-112917	MRC-MW126A	20171129	--	--	--	--	--	--	--	--	--	--	0.0021 U	--	--	--	--
MRC-MW126B-112917	MRC-MW126B	20171129	--	--	--	--	--	--	--	--	--	--	0.0021 U	--	--	--	--
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	0.0021 UJ	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL PHOSPHORUS-P	TOTAL SUSPENDED SOLIDS	PH	BROMIDE
																MISCELLANEOUS	MISCELLANEOU
			MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	S.U.	UG/L
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	0.0007	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	0.0032	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	0.0008	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	0.0008	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	0.0008	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	1E-04 J	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126A-112917	MRC-MW126A	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126B-112917	MRC-MW126B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	S PARAMETERS	PCB HOMOLOGS (UG/L)														
			PERCHLORATE	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS
			MISCELLANEOUS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	0.0044 U	0.011 U	0.01 U	0.0017 U	0.019 UJ	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.0034 U	0.0044 U	0.011 U	0.01 U
MRC-MW-103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	0.068 U	0.0053 U	0.029 U	0.015 U	0.0055 U	0.048 U	0.037 U	--	0.014 U	0.013 U	0.0064 U	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	0.0044 U	0.011 U	0.01 U	0.0017 U	0.019 U	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.0034 U	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	0.073 U	0.0056 U	0.031 U	0.016 U	0.0058 U	0.051 UJ	0.039 U	--	0.015 U	0.014 U	0.0068 U	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	0.0044 U	0.011 U	0.01 U	0.0017 U	0.019 U	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.0034 U	0.0044 U	0.011 U	0.01 U
MRC-MW-113A-042715	MRC-MW113A	20150427	0.17 J	0.022 U	0.0039 U	0.011 U	0.0087 U	0.0029 U	0.019 U	0.0097 U	--	0.0058 U	0.0068 U	0.0039 U	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	0.155	0.0225 U	0.0039 U	0.011 U	0.0088 U	0.0062	0.0195 U	0.0098 U	--	0.0059 U	0.0069 U	0.0039 U	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	0.14 J	0.023 U	0.0039 U	0.011 U	0.0088 U	0.011	0.02 U	0.0098 U	--	0.0059 U	0.0069 U	0.0039 U	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-090716	MRC-MW113A	20160907	--	0.067 U	0.0052 U	0.029 U	0.014 U	0.0054 U	0.047 U	0.036 U	--	0.013 U	0.012 U	0.0062 U	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	0.0044 U	0.011 U	0.01 U	0.012	0.019 U	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.0034 U	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	0.0044 U	0.011 U	0.01 U	0.012	0.019 U	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.0034 U	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	0.0044 U	0.011 U	0.01 U	0.012	0.019 U	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.0034 U	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	0.067 U	0.0052 U	0.029 U	0.014 U	0.01 J	0.047 UJ	0.036 U	--	0.013 U	0.012 U	0.0062 U	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	0.0044 U	0.011 U	0.01 U	0.0066	0.019 UJ	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.0034 U	0.0044 U	0.011 U	0.01 U
MRC-MW114A-072213	MRC-MW114A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-090716	MRC-MW114A	20160907	--	0.067 U	0.0052 U	0.029 U	0.014 U	0.008 J	0.047 U	0.036 U	--	0.013 U	0.012 U	0.0062 U	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126A-112917	MRC-MW126A	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126B-112917	MRC-MW126B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCB HOMOLOGS, FILTERED (UG/L)															
			MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232
			PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	0.048 U	0.086 U	0.067 U
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	0.5 UJ	0.5 UJ	0.5 UJ
MRC-MW-103B-041814	MRC-MW103B	20140418	0.0017 U	0.019 UJ	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.0034 U	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	--	--	--	0.17 UJ	0.13 UJ	0.16 UJ
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	0.17 U	0.13 U	0.16 U
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	0.048 U	0.087 U	0.067 U
MRC-MW-113A-041814	MRC-MW113A	20140418	0.0017 U	0.019 U	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.0034 U	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	0.16 U	0.12 U	0.15 U
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	0.048 U	0.087 U	0.067 U
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	0.5 UJ	0.5 UJ	0.5 UJ
MRC-MW-114A-041814	MRC-MW114A	20140418	0.0017 U	0.019 UJ	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.0034 U	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	0.19 U	0.14 U	0.18 U
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126A-112917	MRC-MW126A	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126B-112917	MRC-MW126B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCBS (UG/L)														
			AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	BETA-BHC	CHLORDANE (TECHNICAL)	DECACHLOROBIPHENYL	DELTA-BHC	DICHLOROBIPHENYLS	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE
			PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L
MRC-MW-103B-033016	MRC-MW103B	20160330	0.057 U	0.048 U	0.029 U	0.038 U	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	0.22 UJ	0.1 UJ	0.16 UJ	0.17 UJ	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	0.07 U	--	0.0054 U	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	0.22 U	0.1 U	0.16 U	0.17 U	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	0.058 U	0.048 U	0.029 U	0.038 U	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	0.21 U	0.095 U	0.15 U	0.16 U	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	0.067 U	--	0.0052 U	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	0.058 U	0.048 U	0.029 U	0.038 U	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	0.24 U	0.11 U	0.18 U	0.19 U	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	0.068 U	--	0.0053 U	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	0.067 U	--	0.0052 U	--	--	--	--
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	0.068 U	--	0.0052 U	--	--	--	--
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	0.069 U	--	0.0053 U	--	--	--	--
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	0.068 U	--	0.0053 U	--	--	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	0.0685 U	--	0.0054 U	--	--	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	0.069 U	--	0.0054 U	--	--	--	--
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	0.07 U	--	0.0054 U	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126A-112917	MRC-MW126A	20171129	--	--	--	--	--	--	--	--	0.071 U	--	0.0054 U	--	--	--	--
MRC-MW126B-112917	MRC-MW126B	20171129	--	--	--	--	--	--	--	--	0.067 U	--	0.0052 U	--	--	--	--
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ENDRIN	ENDRIN ALDEHYDE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	0 U	0.1865
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	0.5 UJ	2.25
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	0.03 U	0.015 U	0.0056 U	0.049 U	0.038 U	--	0.014 U	0.013 U	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	0 U	0.1875
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	--	0 U	0.5225
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	0.029 U	0.014 U	0.0054 J	0.047 U	0.037 U	--	0.013 U	0.013 U	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	0 U	0.1875
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	0.5 UJ	2.25
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	--	0 U	0.615
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	0.029 U	0.015 U	0.008 J	0.048 U	0.037 U	--	0.014 U	0.013 U	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	--	--	--	--	0.029 U	0.014 U	0.015 J	0.047 U	0.037 U	--	0.013 U	0.013 U	--	--
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	--	--	--	--	0.029 U	0.014 U	0.0054 U	0.047 U	0.037 U	--	0.014 U	0.013 U	--	--
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	--	--	--	--	0.03 U	0.015 U	0.0055 U	0.048 U	0.038 U	--	0.014 U	0.013 U	--	--
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	--	--	--	--	0.029 U	0.015 U	0.0055 U	0.048 U	0.037 U	--	0.014 U	0.013 U	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	0.0295 U	0.015 U	0.0056 U	0.0485 U	0.0375 U	--	0.014 U	0.013 U	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	0.03 U	0.015 U	0.0056 U	0.049 U	0.038 U	--	0.014 U	0.013 U	--	--
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	0.03 U	0.015 U	0.0056 U	0.049 U	0.038 U	--	0.014 U	0.013 U	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126A-112917	MRC-MW126A	20171129	--	--	--	--	--	0.03 U	0.015 U	0.0056 U	0.049 U	0.038 U	--	0.014 U	0.013 U	--	--
MRC-MW126B-112917	MRC-MW126B	20171129	--	--	--	--	--	0.029 U	0.014 U	0.0054 U	0.047 U	0.037 U	--	0.013 U	0.013 U	--	--
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE			PETROLEUM HYDROCARBONS		PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)						
			TOXAPHENE	TRICHLOROBIPHENYLS	OIL & GREASE - HEM	OIL & GREASE-SGT-HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235
			PCBS (UG/L)	PCBS (UG/L)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
			UG/L	UG/L	MG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120717	MRC-MW103B	20171207	--	0.0065 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	0.039 U	0.0639 U	-0.004 U	0.135 U	--	-0.112 U	0.0023 U
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	0.0063 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	0.0819 U	0.194 UJ	0 U	0.366 U	--	1.52 U	-3E-05 U
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	0.0064 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	0.0063 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	0.0063 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	0.0064 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	0.0063 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	0.0064 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	0.0064 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	0.0065 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126A-112917	MRC-MW126A	20171129	--	0.0066 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126B-112917	MRC-MW126B	20171129	--	0.0063 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE				SEMIVOLATILE											
			URANIUM-235/236	URANIUM-236	URANIUM-238	1,4-DIOXANE	1,1-BIPHENYL	1,2,4-TRICHLOROBENZENE	1,2-DIPHENYLHYDRAZINE	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE
			RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILE	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	0.49 U	--	--	--	--	--	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	--	--	--	0.8 U	--	--	0.49 U	0.4 U	0.3 U	0.8 U	0.8 U	0.8 U	2.4 U	0.27 U
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	-4E-04 U	0.0446	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	6.86	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	6.9	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	5.4	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	5.5	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	5.6	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	--	--	--	--	--	--	6.4	--	--	--	--	--	--	--
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	-0.01 U	0.0185	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	0.709	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	0.782	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	0.855	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	0.5	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	0.85	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	--	--	--	--	--	--	2	--	--	--	--	--	--	--
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	--	--	0.52	0.13 U	--	--	0.47 U	0.38 U	1.2 J	0.23 U	1.4 J	0.24 U	0.31 U	0.24 U
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	--	--	0.62	0.13 U	--	--	0.48 U	0.39 U	2.8 J	0.23 U	3	0.24 U	0.31 U	0.24 U
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	--	--	0.32	0.13 U	--	--	0.48 U	0.39 U	0.88 J	0.24 U	2	0.25 U	0.31 U	0.25 U
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	--	--	1.7	0.13 U	--	--	0.48 U	0.39 U	0.29 UJ	0.23 U	0.18 U	0.24 U	0.31 U	0.24 U
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	1.7	0.13 U	--	--	0.48 U	0.39 U	0.29 U	0.235 U	0.185 U	0.245 U	0.31 U	0.245 U
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	1.7	0.13 U	--	--	0.48 U	0.39 U	0.29 UJ	0.24 U	0.19 U	0.25 U	0.31 U	0.25 U
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	0.13 U	--	--	0.48 U	0.39 U	0.29 UJ	0.24 U	0.19 U	0.25 U	0.31 U	0.25 U
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	1.8	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126A-112917	MRC-MW126A	20171129	--	--	--	0.18 J	0.12 U	--	--	0.47 U	0.38 U	0.29 U	0.23 U	0.18 U	0.24 U	0.3 UJ	0.24 U
MRC-MW126B-112917	MRC-MW126B	20171129	--	--	--	0.074 U	0.13 U	--	--	0.48 U	0.39 U	0.29 U	0.23 U	0.18 U	0.24 U	0.31 UJ	0.24 U
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
			SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	0.8 U	0.1 U	0.29 U	0.1 U	0.8 U	0.8 U	0.28 U	--	0.37 U	0.28 U	2.4 U	0.8 U	0.8 U	0.8 U	0.3 U
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	0.77 U	0.096 U	3.2	0.86	0.16 U	0.2 U	0.27 U	0.77 U	0.36 U	0.27 U	2.3 U	0.21 U	0.2 U	0.2 U	0.29 U
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	0.78 U	0.097 U	6.2	0.99	0.17 U	0.2 U	0.27 U	0.78 U	0.36 U	0.27 U	2.3 U	0.21 U	0.2 U	0.2 U	0.29 U
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	0.78 U	0.098 U	2.1	0.54	0.17 U	0.21 U	0.27 U	0.78 U	0.36 U	0.27 U	2.4 U	0.22 U	0.21 U	0.21 U	0.29 U
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	0.78 U	0.097 U	0.28 U	0.088 U	0.17 U	0.2 U	0.27 U	0.78 U	0.36 U	0.27 U	2.3 U	0.21 U	0.2 U	0.2 U	0.29 U
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	0.78 U	0.0975 U	0.28 U	0.0885 U	0.17 U	0.205 U	0.27 U	0.78 U	0.36 U	0.27 U	2.35 U	0.215 U	0.205 U	0.205 U	0.29 U
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	0.78 U	0.098 U	0.28 U	0.089 U	0.17 U	0.21 U	0.27 U	0.78 U	0.36 U	0.27 U	2.4 U	0.22 U	0.21 U	0.21 U	0.29 U
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	0.78 U	0.098 U	0.28 U	0.089 U	0.17 U	0.21 U	0.27 U	0.78 U	0.36 U	0.27 U	2.4 U	0.22 U	0.21 U	0.21 U	0.29 U
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126A-112917	MRC-MW126A	20171129	0.76 U	0.095 U	0.28 U	0.086 U	0.16 U	0.2 UJ	0.27 U	0.76 U	0.35 U	0.27 U	2.3 U	0.21 U	0.2 U	0.2 U	0.29 U
MRC-MW126B-112917	MRC-MW126B	20171129	0.78 U	0.097 U	0.28 U	0.19	0.17 U	0.2 UJ	0.27 U	0.78 U	0.36 U	0.27 U	2.3 U	0.21 U	0.2 U	0.2 U	0.29 U
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)														
			4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZIDINE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
			SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	0.8 U	0.8 U	2.4 U	0.1 U	0.1 U	0.34 U	0.1 U	0.34 U	--	0.1 U	0.1 U	0.39 U	--	0.1 U	0.1 U
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	0.21 U	0.28 U	0.043 U	0.046 U	0.33 U	0.085 U	0.33 U	--	--	--	0.37 U	--	0.028 U	0.049 U
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	0.21 U	0.28 U	0.043 U	0.047 U	0.33 U	0.085 U	0.33 U	--	--	--	0.38 U	--	0.029 U	0.05 U
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	0.22 U	0.28 U	0.043 U	0.047 U	0.33 U	0.086 U	0.33 U	--	--	--	0.38 U	--	0.029 U	0.05 U
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	0.21 UJ	0.28 U	0.043 U	0.047 U	0.33 U	0.085 U	0.33 U	--	--	--	0.38 U	--	0.029 U	0.05 U
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	0.215 U	0.28 U	0.043 U	0.047 U	0.33 U	0.0855 U	0.33 U	--	--	--	0.38 U	--	0.029 U	0.05 U
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	0.22 UJ	0.28 U	0.043 U	0.047 U	0.33 U	0.086 U	0.33 U	--	--	--	0.38 U	--	0.029 U	0.05 U
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	0.22 UJ	0.28 U	0.043 U	0.047 U	0.33 U	0.086 U	0.33 U	--	--	--	0.38 U	--	0.029 U	0.05 U
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126A-112917	MRC-MW126A	20171129	--	0.21 UJ	0.28 UJ	0.042 U	0.046 U	0.32 U	0.084 U	0.32 UJ	--	--	--	0.37 U	--	0.028 U	0.049 U
MRC-MW126B-112917	MRC-MW126B	20171129	--	0.21 UJ	0.28 UJ	0.043 U	0.047 U	0.33 U	0.085 U	0.33 UJ	--	--	--	0.38 U	--	0.029 U	0.05 U
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	0.1 U	0.1 U	0.1 U	0.32 U	0.1 U	0.8 U	0.8 U	0.8 U	0.28 U	0.1 U	0.1 U	0.1 U	0.6 U	0.29 U	0.67 U
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	0.038 U	0.045 U	0.043 U	0.31 U	0.096 U	1.6 U	0.25 U	0.19 U	0.27 U	0.048 U	0.043 U	0.3 J	0.58 U	0.28 U	1.6 U
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	0.038 U	0.045 U	0.043 U	0.31 U	0.097 U	1.7 U	0.25 U	0.19 U	0.27 U	0.049 U	0.043 U	0.66 J	0.58 U	0.28 U	1.7 U
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	0.039 U	0.045 U	0.044 U	0.31 U	0.098 U	1.7 U	0.25 U	0.2 U	0.27 U	0.049 U	0.044 U	0.22 J	0.71 J	0.28 U	1.7 U
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	0.038 U	0.045 U	0.043 U	0.31 U	0.097 U	1.7 U	0.25 U	0.19 U	0.27 U	0.049 U	0.043 U	0.019 U	0.58 U	0.28 U	1.7 U
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	0.0385 U	0.045 U	0.0435 U	0.31 U	0.0975 U	1.7 U	0.25 U	0.195 U	0.27 U	0.049 U	0.0435 U	0.0195 U	0.585 U	0.28 U	1.7 U
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	0.039 U	0.045 U	0.044 U	0.31 U	0.098 U	1.7 U	0.25 U	0.2 U	0.27 U	0.049 U	0.044 U	0.02 U	0.59 U	0.28 U	1.7 U
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	0.039 U	0.045 U	0.044 U	0.31 U	0.098 U	1.7 U	0.25 U	0.2 U	0.27 U	0.049 U	0.044 U	0.02 U	0.59 U	0.28 U	1.7 U
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126A-112917	MRC-MW126A	20171129	0.038 U	0.044 U	0.043 U	0.3 U	0.095 U	1.6 U	0.25 U	0.19 U	0.27 U	0.048 U	0.042 U	0.019 U	0.65 U	0.28 U	1.6 U
MRC-MW126B-112917	MRC-MW126B	20171129	0.038 U	0.045 U	0.043 U	0.31 U	0.097 U	1.7 U	0.25 U	0.19 U	0.27 U	0.049 U	0.043 U	0.019 U	0.58 U	0.28 U	1.7 U
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	0.8 U	0.1 U	0.1 U	0.1 U	0.27 U	0.8 U	0.8 U	0.1 U	0.27 U	0.1 U	0.04 U	0.31 U	0.8 U	0.31 U	2.4 U
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	0.22 U	0.043 U	0.039 U	0.082 U	0.26 U	0.23 U	0.18 U	0.042 U	0.26 U	0.099 J	0.038 U	0.3 U	0.23 U	0.3 U	0.26 U
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	0.22 U	0.043 U	0.039 U	0.083 U	0.26 U	0.23 U	0.18 U	0.042 U	0.26 U	0.17 J	0.039 U	0.3 U	0.23 U	0.3 U	0.26 U
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	0.23 U	0.044 U	0.04 U	0.084 U	0.26 U	0.24 U	0.19 U	0.042 U	0.26 U	0.061 U	0.039 U	0.3 U	0.24 U	0.3 U	0.26 U
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	0.22 U	0.043 U	0.039 U	0.083 U	0.26 U	0.23 U	0.18 U	0.042 U	0.26 U	0.061 U	0.039 U	0.3 U	0.23 U	0.3 U	0.26 U
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	0.225 U	0.0435 U	0.0395 U	0.0835 U	0.26 U	0.235 U	0.185 U	0.042 U	0.26 U	0.061 U	0.039 U	0.3 U	0.235 U	0.3 U	0.26 U
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	0.23 U	0.044 U	0.04 U	0.084 U	0.26 U	0.24 U	0.19 U	0.042 U	0.26 U	0.061 U	0.039 U	0.3 U	0.24 U	0.3 U	0.26 U
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	0.23 U	0.044 U	0.04 U	0.084 U	0.26 U	0.24 U	0.19 U	0.042 U	0.26 U	0.061 U	0.039 U	0.3 U	0.24 U	0.3 U	0.26 U
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126A-112917	MRC-MW126A	20171129	0.22 U	0.042 U	0.039 U	0.081 U	0.26 U	0.23 U	0.18 U	0.041 U	0.26 U	0.06 U	0.038 U	0.3 U	0.23 U	0.3 U	0.26 U
MRC-MW126B-112917	MRC-MW126B	20171129	0.22 U	0.043 U	0.039 U	0.083 U	0.26 U	0.23 U	0.18 U	0.042 U	0.26 U	0.061 U	0.039 U	0.3 U	0.23 U	0.3 U	0.26 U
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)										VC
			PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL-	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE	DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	SILANOL, TRIMETHYL-	ETHANE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILE GASES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	0.1 U	0.6 U	0.1 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	0.06 U	0.58 U	0.04 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	0.16 J	0.74 J	0.041 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	0.061 U	0.59 U	0.041 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	0.06 U	0.58 U	0.041 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	0.0605 U	0.585 U	0.041 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	0.061 U	0.59 U	0.041 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	0.061 U	0.59 U	0.041 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126A-112917	MRC-MW126A	20171129	0.059 U	0.57 U	0.04 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW126B-112917	MRC-MW126B	20171129	0.06 U	0.58 U	0.041 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILE GASES (UG/L)														
			ETHENE	METHANE	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE
			VOLATILE GASES	VOLATILE GASES	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	0.37 U	--	--	0.32 U	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	--	2.2 UJ	3.6 UJ	2.5 UJ	--	3.1 UJ	2.2 J	5.7 UJ	2.9 UJ	60 J	7 UJ	--	270 J	2 UJ
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	4.6 U	6.4 U	6.8 U	8.2 UJ	5 U	5.4 U	--	62 J	--	--	230 J	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	8.8 U	4.4 U	4.8 U	9 U	6 U	9 U	--	59	--	--	230	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	0.22 U	0.34 U	0.33 U	0.26 U	1.8	0.36 J	--	43	--	--	131	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	0.22 U	0.34 U	0.33 U	0.26 U	1.7	0.33	--	43.15	--	--	132	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	0.22 U	0.34 U	0.33 U	0.26 U	1.6	0.3 J	--	43.3	--	--	133	--
MRC-MW113A-072213	MRC-MW113A	20130722	--	--	7.7 U	7.3 U	6 U	--	9.3 U	5 U	6.3 U	4.3 U	17 J	14 U	0.2 U	130 B	4 U
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	--	0.22 UJ	0.36 UJ	0.25 UJ	--	0.31 UJ	0.2 UJ	0.57 UJ	0.29 UJ	120 J	0.7 UJ	--	530 J	0.2 UJ
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	0.22 U	0.36 U	0.25 U	--	0.31 U	0.2 U	0.57 U	0.29 U	120	0.7 U	--	565	0.2 U
MRC-MW114A-032014-	MRC-MW114A	20140320	--	--	0.22 UJ	0.36 UJ	0.25 UJ	--	0.31 UJ	0.2 UJ	0.57 UJ	0.29 UJ	120 J	0.7 UJ	--	600 J	0.2 UJ
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	2.3 U	3.2 U	3.4 U	4.1 UJ	2.5 U	2.7 U	--	92 J	--	--	320 J	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	7.3 U	3.7 U	4 U	7.5 U	5 U	7.5 U	--	48	--	--	160	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	--	97	--	--	260	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	--	77 UJ	73 UJ	60 UJ	--	93 U	50 UJ	63 UJ	43 UJ	370 J	140 UJ	2 UJ	2400 J	40 UJ
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	--	--	5.8 U	8 U	8.5 U	10 U	6.3 U	6.8 U	--	--	--	--	710	--
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	--	--	14 U	20 U	21 U	26 U	16 U	17 U	--	--	--	--	1200	--
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	--	--	0.92 U	1.3 U	1.4 U	1.6 U	1 U	1.1 U	--	--	--	--	130	--
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	--	--	2.3 U	3.2 U	3.4 U	4.1 U	2.5 U	2.7 U	--	--	--	--	12	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	1.535 U	2.15 U	2.25 U	2.75 U	1.665 U	1.8 U	--	--	--	--	7.4	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	0.77 U	1.1 U	1.1 U	1.4 U	0.83 U	0.9 U	--	--	--	--	2.8 J	--
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	2.3 U	3.2 U	3.4 U	4.1 U	2.5 U	2.7 U	--	--	--	--	2.7 U	--
MRC-MW126A-112917	MRC-MW126A	20171129	--	--	--	0.23 U	0.32 U	0.34 U	0.41 U	0.25 U	0.27 U	--	--	--	--	6.7	--
MRC-MW126B-112917	MRC-MW126B	20171129	--	--	--	0.23 U	0.32 U	0.34 U	0.41 U	0.25 U	0.27 U	--	--	--	--	0.27 U	--
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRICHLOROBENZENE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	1,4-DIOXANE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	0.25 U	--	--	0.42 U	--	0.19 U	--	0.27 U	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	0.67 U	0.24 U	0.13 U	11	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	7.4 UJ	2.4 UJ	15 J	3.6 UJ	2 UJ	--	--	14 J	2.7 UJ	36 J	--	2.7 UJ	8.2 UJ	4.4 UJ	2 UJ
MRC-MW113A-032917	MRC-MW113A	20170329	9.4 U	4.6 U	17 J	6 U	6 U	6.6 U	--	32	--	50	--	--	20 U	--	--
MRC-MW-113A-040116	MRC-MW113A	20160401	16 U	6.4 U	19 J	4.6 U	5 U	8.4 U	--	29	--	47	--	--	11 U	--	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	1.5 U	0.28 U	13.8	1.2	0.24 U	--	--	17.5	--	37.7	58.9 U	--	1.8 U	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	1.5 U	0.28 U	13.65	1.15	0.24 U	--	--	17.45	--	37.6	58.9 U	--	1.8 U	--	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	1.5 U	0.28 U	13.5	1.1	0.24 U	--	--	17.4	--	37.5	58.9 U	--	1.8 U	--	--
MRC-MW113A-072213	MRC-MW113A	20130722	22 U	8 U	11 J	7.3 U	6 U	--	--	8.7 J	5.3 U	23 J	--	4.3 U	19 U	33 U	3.7 U
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	0.74 UJ	0.24 UJ	30 J	960 J	7.7 J	--	--	4.7 J	0.27 UJ	49 J	--	0.27 UJ	0.81 UJ	0.44 UJ	0.2 UJ
MRC-MW114A-032014-	MRC-MW114A	20140320	0.74 U	0.24 U	31	1030	7.8	--	--	4.7	0.27 U	49	--	0.27 U	0.81 U	0.44 U	0.2 U
MRC-MW114A-032014-	MRC-MW114A	20140320	0.74 UJ	0.24 UJ	32 J	1100 J	7.9 J	--	--	4.7 J	0.27 UJ	49 J	--	0.27 UJ	0.81 UJ	0.44 UJ	0.2 UJ
MRC-MW114A-032917	MRC-MW114A	20170329	4.7 U	2.3 U	18	400	4.2 J	3.3 U	--	7.2 J	--	51	--	--	10 U	--	--
MRC-MW-114A-040116	MRC-MW114A	20160401	14 U	5.3 U	7.6 J	520	4.2 U	7 U	--	3.5 J	--	23	--	--	8.8 UJ	--	--
MRC-MW-114A-041415	MRC-MW114A	20150414	7 U	1 U	17.4	903	6.4	--	--	4.9	--	49.2	320 UR	--	10 U	--	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	220 UJ	80 UJ	170 J	10000 J	78 J	--	--	47 UJ	53 UJ	230 J	--	43 UJ	190 UJ	330 UJ	37 UJ
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	12 U	5.8 U	51	7.5 U	7.5 U	--	--	400	--	230	--	--	26 U	--	--
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	29 U	14 U	69	19 U	19 U	--	--	210	--	170	--	--	64 U	--	--
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	1.9 U	0.92 U	9.4	1.2 U	1.2 U	--	--	47	--	35	--	--	4.1 U	--	--
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	4.7 U	2.3 U	2.6 U	120	3 U	--	--	3.2 U	--	2.3 U	--	--	10 U	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	3.15 U	1.535 U	1.735 U	115	1.2 J	--	--	2.15 U	--	1.535 U	--	--	6.7 U	--	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	1.6 U	0.77 U	0.87 U	110	1.2 J	--	--	1.1 U	--	0.77 U	--	--	3.4 U	--	--
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	4.7 U	2.3 U	2.6 U	150	3 U	--	--	3.2 U	--	2.3 U	--	--	10 U	--	--
MRC-MW126A-112917	MRC-MW126A	20171129	0.47 U	0.23 U	0.78 J	17	0.3 U	--	--	6.1	--	6.2	--	--	1 U	--	--
MRC-MW126B-112917	MRC-MW126B	20171129	0.47 U	0.23 U	0.26 U	0.3 U	0.3 U	--	--	0.32 U	--	0.23 U	--	--	1 U	--	--
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	ACROLEIN	ACRYLONITRILE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	17 UJ	2.4 UJ	2 UJ	6.7 UJ	13 UJ	--	--	2 UJ	2.9 UJ	3.2 UJ	3.2 UJ	4.2 UJ	2.9 UJ	2.2 UJ	4.5 UJ
MRC-MW113A-032917	MRC-MW113A	20170329	25 U	--	--	14 U	35 U	--	--	5.6 U	--	--	6 U	8.6 U	8.4 U	6.8 U	7 U
MRC-MW-113A-040116	MRC-MW113A	20160401	9.6 U	--	--	20 U	19 U	--	--	7 U	--	--	5.8 U	11 UJ	8.8 UJ	7.6 U	8.6 U
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	1.3 U	--	--	1.5 U	3.1 U	--	--	0.48 J	--	0.32 U	0.27 U	0.4 U	0.51 U	0.23 U	0.95 J
MRC-MW-113A-042715-	MRC-MW113A	20150427	1.3 U	--	--	1.5 U	3.1 U	--	--	0.47	--	0.32 U	0.27 U	0.4 U	0.55 U	0.23 U	0.905
MRC-MW-113A-042715-	MRC-MW113A	20150427	1.3 U	--	--	1.5 U	3.1 U	--	--	0.46 J	--	0.32 U	0.27 U	0.4 U	0.59 U	0.23 U	0.86 J
MRC-MW113A-072213	MRC-MW113A	20130722	14 U	6 U	4 U	11 U	120 B	--	--	5.1 J	4.3 U	9.7 U	5 U	21 U	14 U	4.3 U	4.3 U
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	1.7 UJ	0.24 UJ	0.2 UJ	0.67 UJ	1.3 UJ	--	--	0.2 UJ	0.28 UJ	0.32 UJ	0.32 UJ	0.42 UJ	0.29 UJ	0.48 J	0.45 UJ
MRC-MW114A-032014-	MRC-MW114A	20140320	1.7 U	0.24 U	0.2 U	0.67 U	1.3 U	--	--	0.2 U	0.28 U	0.32 U	0.32 U	0.42 U	0.29 U	0.455	0.45 U
MRC-MW114A-032014-	MRC-MW114A	20140320	1.7 UJ	0.24 UJ	0.2 UJ	0.67 UJ	1.3 UJ	--	--	0.2 UJ	0.28 UJ	0.32 UJ	0.32 UJ	0.42 UJ	0.29 UJ	0.43 J	0.45 UJ
MRC-MW114A-032917	MRC-MW114A	20170329	12 U	--	--	7.1 U	18 U	--	--	2.8 U	--	--	3 U	4.3 U	4.2 U	3.4 U	3.5 U
MRC-MW-114A-040116	MRC-MW114A	20160401	8 UJ	--	--	17 UJ	16 U	--	--	5.8 U	--	--	4.8 U	9.3 U	7.3 UJ	6.3 U	7.2 U
MRC-MW-114A-041415	MRC-MW114A	20150414	5 U	--	--	5 U	10 U	--	--	6	--	1 U	1 U	1 U	0.43 U	0.82 J	1 U
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	140 UJ	60 UJ	40 UJ	110 UJ	1300 B	--	--	150 J	43 UJ	97 UJ	50 UJ	210 UJ	140 UJ	43 UJ	43 UJ
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	31 U	--	--	18 U	44 U	--	--	15 J	--	--	7.5 U	11 U	11 U	8.5 U	8.8 U
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	77 UJ	--	--	44 U	110 UJ	--	--	18 U	--	--	19 U	27 U	26 U	21 U	22 U
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	4.9 U	--	--	2.8 U	24 U	--	--	2.1 J	--	--	1.2 U	1.7 U	1.7 U	1.4 U	1.4 U
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	12 U	--	--	7.1 U	18 U	--	--	2.8 U	--	--	3 U	4.3 U	4.2 U	3.4 U	3.5 U
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	8.05 U	--	--	4.75 U	11.95 U	--	--	1.865 U	--	--	2 U	2.85 U	2.8 U	2.25 U	2.35 U
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	4.1 U	--	--	2.4 U	5.9 UJ	--	--	0.93 U	--	--	1 U	1.4 U	1.4 U	1.1 U	1.2 U
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	12 U	--	--	7.1 U	18 U	--	--	2.8 U	--	--	3 U	4.3 U	4.2 U	3.4 U	3.5 U
MRC-MW126A-112917	MRC-MW126A	20171129	1.2 U	--	--	0.71 U	1.8 U	--	--	0.28 U	--	--	0.3 U	0.43 U	0.42 U	0.34 U	0.35 U
MRC-MW126B-112917	MRC-MW126B	20171129	1.2 U	--	--	0.71 U	10	--	--	0.28 U	--	--	0.3 U	0.43 U	0.42 U	0.34 U	0.35 U
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)														
			CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	CYCLOHEXANE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIETHYL ETHER	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-103B-033016	MRC-MW103B	20160330	0.25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	0.22 J	0.18 U	0.29 U	2.2	0.48 J	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	0.15 U	0.18 U	0.29 U	2.9	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	23 J	3.1 UJ	2.4 UJ	2.6 J	2.1 UJ	8.4 J	2.4 UJ	--	3.2 UJ	4.7 UJ	--	2 UJ	2 UJ	--	2 UJ
MRC-MW113A-032917	MRC-MW113A	20170329	54	5 U	8.2 U	6.2 U	8.6 UJ	6 U	5.2 U	8.8 U	--	10 U	--	--	--	--	5.2 U
MRC-MW-113A-040116	MRC-MW113A	20160401	51	8.6 U	6.4 UJ	5 U	8.8 U	7.4 J	9.2 U	9 U	--	6.4 U	--	--	--	--	5 U
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	33	0.45 U	0.33 U	1.1	0.31 U	9.5	0.31 U	0.29 U	--	0.33 U	--	--	--	--	0.34 U
MRC-MW-113A-042715-	MRC-MW113A	20150427	32.55	0.45 U	0.33 U	1.035	0.31 U	8.95	0.31 U	0.29 U	--	0.33 U	--	--	--	--	0.34 U
MRC-MW-113A-042715-	MRC-MW113A	20150427	32.1	0.45 U	0.33 U	0.97 J	0.31 U	8.4	0.31 U	0.29 U	--	0.33 U	--	--	--	--	0.34 U
MRC-MW113A-072213	MRC-MW113A	20130722	24 J	6 U	9.7 U	5.3 U	10 U	5.7 U	4.7 U	--	9.3 U	10 U	14 B	50 U	3.7 U	--	5.7 U
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	510 J	0.31 UJ	0.24 UJ	0.25 UJ	0.21 UJ	0.95 J	0.24 UJ	--	0.32 UJ	0.46 UJ	--	0.2 UJ	0.2 UJ	--	0.2 UJ
MRC-MW114A-032014-	MRC-MW114A	20140320	540	0.31 U	0.24 U	0.25 U	0.21 U	0.88	0.24 U	--	0.32 U	0.46 U	--	0.2 U	0.2 U	--	0.2 U
MRC-MW114A-032014-	MRC-MW114A	20140320	570 J	0.31 UJ	0.24 UJ	0.25 UJ	0.21 UJ	0.81 J	0.24 UJ	--	0.32 UJ	0.46 UJ	--	0.2 UJ	0.2 UJ	--	0.2 UJ
MRC-MW114A-032917	MRC-MW114A	20170329	120	2.5 U	4.1 U	3.1 U	4.3 UJ	3 U	2.6 U	4.4 U	--	5 U	--	--	--	--	2.6 U
MRC-MW-114A-040116	MRC-MW114A	20160401	120	7.2 U	5.3 UJ	4.2 U	7.3 U	4.3 U	7.7 U	7.5 U	--	5.3 U	--	--	--	--	4.2 U
MRC-MW-114A-041415	MRC-MW114A	20150414	366	1 U	1 U	1 U	1 U	0.7 J	1 U	1 U	--	1 U	--	--	--	--	1 U
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	5800 J	60 UJ	97 UJ	53 UJ	100 UJ	57 UJ	47 UJ	--	93 UJ	100 U	130 B	500 UJ	37 UJ	--	57 UJ
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	880	6.3 U	10 U	7.8 U	11 U	24 J	6.5 U	11 U	--	13 UJ	--	--	--	--	6.5 U
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	450 J	16 U	26 U	19 U	27 U	32 J	16 U	28 U	--	31 UJ	--	--	--	--	16 U
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	89	1 U	1.6 U	1.2 U	1.7 U	3.9 J	1 U	1.8 U	--	2 UJ	--	--	--	--	1 U
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	14	2.5 U	4.1 U	3.1 U	4.3 U	3 U	2.6 U	4.4 U	--	5 UJ	--	--	--	--	2.6 U
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	13.5	1.665 U	2.75 U	2.05 U	2.85 U	2 U	1.735 U	2.95 U	--	3.35 U	--	--	--	--	1.735 U
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	13	0.83 UJ	1.4 UJ	1 U	1.4 U	1 U	0.87 U	1.5 U	--	1.7 UJ	--	--	--	--	0.87 U
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	3.2 U	2.5 U	4.1 U	3.1 U	4.3 U	3 U	2.6 U	4.4 U	--	5 UJ	--	--	--	--	2.6 U
MRC-MW126A-112917	MRC-MW126A	20171129	37	0.25 U	0.41 U	0.31 U	0.43 U	0.3 U	0.26 U	0.44 U	--	0.5 UJ	--	--	--	--	0.26 U
MRC-MW126B-112917	MRC-MW126B	20171129	0.32 U	0.25 U	0.41 U	0.31 U	0.43 U	0.3 U	0.26 U	0.44 U	--	0.5 UJ	--	--	--	--	0.26 U
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	FLUORODICHLOROMETHANE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-042611	MRC-MW103B	20110426	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-120210	MRC-MW103B	20101202	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW113A-032014	MRC-MW113A	20140320	--	6.2 UJ	2 UJ	3.4 UJ	--	--	2.9 UJ	3.2 UJ	2.5 U	2.1 UJ	2 UJ	2 UJ	2.7 UJ	2 UJ	2 UJ
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	4.2 U	--	29 U	9 U	5.4 U	53 U	--	--	--	--	--	4.6 U	--
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	7 U	--	45 U	8.6 U	4 U	14 U	--	--	--	--	--	9 U	--
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	0.22 U	0.52 U	0.32 U	0.3 U	0.33 U	0.45 U	--	--	--	0.33 U	--	0.24 U	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	0.22 U	0.52 U	0.32 U	0.3 U	0.33 U	0.45 U	--	--	--	0.33 U	--	0.24 U	--
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	0.22 U	0.52 U	0.32 U	0.3 U	0.33 U	0.45 U	--	--	--	0.33 U	--	0.24 U	--
MRC-MW113A-072213	MRC-MW113A	20130722	67	10 U	4.3 U	8 U	--	--	5.7 U	28 B	8 UJ	4 U	4.7 U	4.7 U	4.3 U	3.7 U	2.2 U
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-032014	MRC-MW114A	20140320	--	0.62 UJ	0.2 UJ	0.33 UJ	--	--	0.29 UJ	1.6 J	0.2 UJ	0.21 UJ	0.2 UJ	0.2 UJ	0.27 UJ	0.2 UJ	0.2 UJ
MRC-MW114A-032014-	MRC-MW114A	20140320	--	0.62 U	0.2 U	0.33 U	--	--	0.29 U	1.45	0.39 U	0.21 U	0.2 U	0.2 U	0.27 U	0.2 U	0.2 U
MRC-MW114A-032014-	MRC-MW114A	20140320	--	0.62 UJ	0.2 UJ	0.33 UJ	--	--	0.29 UJ	1.3 J	0.58 U	0.21 UJ	0.2 UJ	0.2 UJ	0.27 UJ	0.2 UJ	0.2 UJ
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	2.1 U	--	14 U	4.5 U	2.7 U	26 U	--	--	--	--	--	2.3 U	--
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	5.8 U	--	38 U	7.2 U	3.3 U	5.5 U	--	--	--	--	--	7.5 U	--
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	1 U	2 U	2 U	1 U	1 U	1 U	--	--	--	1 U	--	1 U	--
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW114A-072213	MRC-MW114A	20130722	--	100 UJ	43 UJ	80 UJ	--	--	57 UJ	270 B	80 UJ	40 UJ	47 UJ	47 UJ	43 UJ	37 UJ	22 UJ
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-123A-112117	MRC-MW123A	20171121	--	--	5.3 U	--	36 U	11 U	6.8 U	13 U	--	--	--	--	--	5.8 U	--
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124A-112017	MRC-MW124A	20171120	--	--	13 U	--	89 U	28 U	17 U	33 U	--	--	--	--	--	14 U	--
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-124B-112017	MRC-MW124B	20171120	--	--	0.84 U	--	5.7 U	1.8 U	1.1 U	2.1 U	--	--	--	--	--	0.92 U	--
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217	MRC-MW125A	20171122	--	--	2.1 U	--	14 U	4.5 U	2.7 U	5.3 U	--	--	--	--	--	2.3 U	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	1.4 U	--	9.4 U	3 U	1.8 U	3.55 U	--	--	--	--	--	1.535 U	--
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	0.7 U	--	4.8 U	1.5 U	0.9 U	1.8 U	--	--	--	--	--	0.77 U	--
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	2.1 U	--	14 U	4.5 U	2.7 U	5.3 U	--	--	--	--	--	2.3 U	--
MRC-MW126A-112917	MRC-MW126A	20171129	--	--	0.21 U	--	1.4 U	0.45 U	0.27 U	0.53 U	--	--	--	--	--	0.23 U	--
MRC-MW126B-112917	MRC-MW126B	20171129	--	--	0.21 U	--	1.4 U	0.45 U	0.27 U	0.53 U	--	--	--	--	--	0.23 U	--
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	
MRC-MW-103B-033016	MRC-MW103B	20160330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-103B-041415	MRC-MW103B	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-103B-041814	MRC-MW103B	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW103B-042611	MRC-MW103B	20110426	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	2.6	0.19 U	0.22 U	NORMAL
MRC-MW-103B-090716	MRC-MW103B	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW103B-120210	MRC-MW103B	20101202	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW103B-120717	MRC-MW103B	20171207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW103B-	MRC-MW103B	20130327	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW113A-021417	MRC-MW113A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW113A-032014	MRC-MW113A	20140320	--	2 UJ	110 UJ	43 J	2 UJ	--	5.4 UJ	--	3.4 UJ	2 UJ	24 J	1500 J	11 UJ	3.2 UJ	NORMAL
MRC-MW113A-032917	MRC-MW113A	20170329	--	--	--	52	4.6 U	--	4.8 U	--	5.8 U	6.2 U	25	810	--	9 U	NORMAL
MRC-MW-113A-040116	MRC-MW113A	20160401	--	--	--	49	4.6 U	--	10 U	10	6 U	11 U	23	740	--	5.8 U	NORMAL
MRC-MW-113A-041814	MRC-MW113A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-113A-042715	MRC-MW113A	20150427	--	--	--	45.7	0.23 U	--	--	--	0.38 J	0.29 U	23.5	1010	--	0.34 J	NORMAL
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	45.25	0.23 U	--	--	--	0.37	0.29 U	22.8	985.5	--	0.245	NORMAL
MRC-MW-113A-042715-	MRC-MW113A	20150427	--	--	--	44.8	0.23 U	--	--	--	0.36 J	0.29 U	22.1	961	--	0.3 U	NORMAL
MRC-MW113A-072213	MRC-MW113A	20130722	--	4.3 U	130 UR	29 J	4.3 U	--	9.3 U	--	6.3 U	6.3 U	21 J	1100	6.3 UR	7.3 U	NORMAL
MRC-MW-113A-090716	MRC-MW113A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-113A-112117	MRC-MW113A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW114A-021417	MRC-MW114A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW114A-032014	MRC-MW114A	20140320	--	0.2 UJ	11 UJ	2.1 J	0.2 UJ	--	0.53 UJ	--	0.33 UJ	0.2 UJ	4.5 J	140 J	1.1 UJ	5.3 J	NORMAL
MRC-MW114A-032014-	MRC-MW114A	20140320	--	0.2 U	11 U	2.1	0.2 U	--	0.53 U	--	0.33 U	0.2 U	4.5	140	1.1 U	5.25	NORMAL
MRC-MW114A-032014-	MRC-MW114A	20140320	--	0.2 UJ	11 UJ	2.1 J	0.2 UJ	--	0.53 UJ	--	0.33 UJ	0.2 UJ	4.5 J	140 J	1.1 UJ	5.2 J	NORMAL
MRC-MW114A-032917	MRC-MW114A	20170329	--	--	--	3 U	2.3 U	--	2.4 U	--	2.9 U	3.1 U	6.1 J	180	--	4.5 U	NORMAL
MRC-MW-114A-040116	MRC-MW114A	20160401	--	--	--	5.2 U	3.8 U	--	8.7 U	8.7	5 U	9.3 U	3.7 J	120	--	4.8 U	NORMAL
MRC-MW-114A-041415	MRC-MW114A	20150414	--	--	--	3.3	1 U	--	--	--	1 U	1 U	4.7	187	--	3.5	NORMAL
MRC-MW-114A-041814	MRC-MW114A	20140418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW114A-072213	MRC-MW114A	20130722	--	43 UJ	1300 UR	97 UJ	43 UJ	--	93 UJ	--	63 UJ	63 UJ	57 UJ	70 UJ	63 UR	73 UJ	NORMAL
MRC-MW-114A-090716	MRC-MW114A	20160907	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-114A-112117	MRC-MW114A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW123A-112117	MRC-MW123A	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-123A-112117	MRC-MW123A	20171121	--	--	--	7.5 U	5.8 U	--	6 U	--	7.3 U	7.8 U	8.3 U	13 U	--	11 U	NORMAL
MRC-MW124A-112017	MRC-MW124A	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-124A-112017	MRC-MW124A	20171120	--	--	--	19 U	14 U	--	15 U	--	18 U	19 U	21 U	31 U	--	28 U	NORMAL
MRC-MW124B-112017	MRC-MW124B	20171120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-124B-112017	MRC-MW124B	20171120	--	--	--	1.2 U	0.92 U	--	0.96 U	--	1.2 U	1.2 U	1.3 U	2 U	--	1.8 U	NORMAL
MRC-MW125A-112217	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-125A-112217	MRC-MW125A	20171122	--	--	--	3 U	2.3 U	--	2.4 U	--	2.9 U	3.1 U	3.3 U	71	--	4.5 U	NORMAL
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	1.5 J	1.535 U	--	1.6 U	--	1.935 U	2.05 U	1.3 J	76.5	--	3 U	NORMAL
MRC-MW125A-112217-	MRC-MW125A	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-125A-112217-	MRC-MW125A	20171122	--	--	--	1.5 J	0.77 U	--	0.8 U	--	0.97 U	1 U	1.3 J	82	--	1.5 U	NORMAL
MRC-MW125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-125B-112217	MRC-MW125B	20171122	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW125B-112917	MRC-MW125B	20171129	--	--	--	3 U	2.3 U	--	2.4 U	--	2.9 U	3.1 U	3.3 U	81	--	4.5 U	NORMAL
MRC-MW126A-112917	MRC-MW126A	20171129	--	--	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.31 U	0.33 U	0.5 U	--	0.45 U	NORMAL
MRC-MW126B-112917	MRC-MW126B	20171129	--	--	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.31 U	0.33 U	0.5 U	--	0.45 U	NORMAL
MRC-MW127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURANS	DISSOLVED METALS (UG/L)												
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
			DIOXINS/FURANS	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED
			MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	0.37 B	1 UL	147	0.12 B	0.29 B	2.8 B	9.9	0.1 U	--	0.15 B	--	0.02 U	0.45 B	12.2
MRC-MW30-111505	MRC-MW30A	20051115	--	4.11 U	3.45 UL	122	0.35 UL	0.4 U	1.2	3.8	1.74 U	--	1.65 U	--	0.02 U	2 U	5.7
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	1	0.99	146	0.22	0.036 B	1.5	1.8	1.9 K	1.1 U	0.023 B	6.2 B	0.1 U	0.54 B	6.5
MRC-MW30A-080409	MRC-MW30A	20090804	--	0.23 B	0.47 K	132	0.64 K	0.1 B	0.61 B	7.5	1.3 B	11 U	0.087 B	65.1	0.1 U	0.2 U	18.4
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	0.34 B	1 UL	128	5.3	0.06 B	2.2 B	68.4	20	--	0.5 B	--	0.02 U	0.3 B	135
MRC-MW31-111505	MRC-MW31A	20051115	--	4.11 U	3.45 UL	123	6.2 L	0.4 U	1.01 U	62.1	25.5	--	1.65 U	--	0.02 U	2 U	123
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	0.035 U	0.68	112	8.3	0.038 B	0.92	59.1	36.9	534	0.76 B	30.8	0.1 U	0.12 U	123
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	0.5 B	1 UL	37.9	0.72	0.05 UL	1.9 B	4.9	0.49 B	--	0.28 B	--	0.02 U	0.23 B	8
MRC-MW32-111405	MRC-MW32A	20051114	--	4.11 U	3.45 UL	32.1	1.8 B	0.4 U	1.01 U	4.2	5.6 B	--	1.65 U	--	0.1 B	2 U	7.4
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY
								FILTERED (0.10) METALS (UG/L)									
			DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L
MRC-MW-127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	2.2 B	0.05 UL	0.25 UL	0.67 B	11.3 L	--	--	--	--	--	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	3.59 U	1.04 UL	6.13 UL	1.36 U	10.7	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	1.5	0.0026 U	0.11 U	19.6	31.2	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	1.6 K	0.033 U	0.12 U	5.7	56	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	1.2 U	0.05 UL	0.25 UL	0.39 B	135	--	--	--	--	--	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	3.59 U	1.04 UL	6.13 UL	1.36 U	125	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	0.55 B	0.0026 U	0.11 U	2	127	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	1.2 U	0.05 UL	0.25 UL	0.78 B	11.5 L	--	--	--	--	--	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	3.59 U	1.04 U	6.13 U	1.36 U	18.5	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER
			FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	0.2 B	0.51 B	155	13.9	0.96	0.26 B	113	21.6
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	0.049 B	0.48 B	123	9.2	0.077 B	0.12 B	69.6	41.8
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ED (0.45) METALS (UG/L)														
			LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
			FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L
MRC-MW-127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	180 J	3.1 U	3.3 U	120 J	2 J	0.34 J
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	90 J	3.1 U	3.3 U	170 J	5	0.29 U
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	230	3.1 U	3.3 U	220	13	0.29 U
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	64 J	3.1 U	3.3 U	90 J	0.21 U	0.29 U
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	110 J	3.1 U	3.3 U	94 J	0.21 U	0.29 U
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	150 J	3.1 U	3.3 U	39 J	1.8 J	0.29 U
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	64 J	3.1 U	4.5 J	110 J	1.8 J	0.29 U
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	40 U	3.1 U	6.4 J	59 J	0.55 J	0.29 U
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	--	--	--	--	--	--	--	--	0.56 B	1 UL	148	0.08 B	0.05 UL
MRC-MW30-111505	MRC-MW30A	20051115	--	--	--	--	--	--	--	--	--	--	4.11 U	3.45 UL	130	0.35 UL	0.4 U
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	0.98 J	1.4 J	120	1.2	0.13 U
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	0.8 J	3 U	59	1 U	1.1 U
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	--	1.7 J	0.73 J	138	0.2 U	0.13 U
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	1.1	0.211 U	98.3	0.225 J	0.008 U
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	0.46 B	0.41 B	92.2	0.11 B	0.046 B
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	--	--	--	--	--	--	--	--	1.1	0.97	147	0.27	0.032 B
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	--	--	--	--	--	--	--	--	0.23 B	0.35 K	129	0.56 K	0.15 B
MRC-MW30A-102607	MRC-MW30A	20071026	0.2	0.1 U	6.2 B	148	1.6 U	0.021 U	0.11 B	2.9	454	--	0.23 B	0.42 B	150	13.5	0.98
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	2.3	0.9 U	46	0.22 J	0.13 J
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	--	--	--	--	--	--	--	--	0.4 B	1 UL	129	5	0.05 UL
MRC-MW31-111505	MRC-MW31A	20051115	--	--	--	--	--	--	--	--	--	--	4.11 U	3.45 UL	123	6.1 L	0.4 U
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	0.13 U	0.55 J	84	6.3	0.13 U
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	2.2 U	3 U	95	5.4	1.1 U
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	72.1	4.5	0.13 U
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	0.157 U	0.211 U	90.5	4.9 J	0.008 U
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	0.035 B	0.16 U	89.6	5.7	0.039 B
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	--	--	--	--	--	--	--	--	0.035 U	0.6	109	8.6	0.056 B
MRC-MW31A-102607	MRC-MW31A	20071026	0.94	0.1 U	5 B	134	2.1	0.021 UL	0.023 U	0.25 U	150	--	0.069 B	0.34 B	115	8.7	0.099 B
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	0.3 U	0.9 U	93	5.1	0.1 U
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	--	--	--	--	--	--	--	--	0.44 B	1 UL	51.4	0.97	0.05 UL
MRC-MW32-111405	MRC-MW32A	20051114	--	--	--	--	--	--	--	--	--	--	4.11 U	3.45 UL	42.2	2 B	0.4 U
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	0.13 B	0.69 J	68	2.1	0.13 U
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	28.6	1.1	0.13 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)														
			CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE
			METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L
MRC-MW-127A-111717	MRC-MW127A	20171117	8400	0.55 U	23	4.1 J	130	1.9 U	4900 J	380	0.13 U	--	21 J	7700	5.1 U	--	--
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	5900	0.55 U	71	3.9 U	5100	1.9 U	8600	720	0.13 U	--	79	10000	5.1 U	--	--
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	8200	0.55 U	41	3.9 U	1600	1.9 U	10000	290	0.13 U	--	96	10000	5.1 U	--	--
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	15000	1.1 J	6.9 J	3.9 U	9400	1.9 U	5300	1000	0.13 U	--	2 J	26000	5.1 U	--	--
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	43000	0.92 J	3 J	3.9 U	870	1.9 U	5300	270	0.13 U	--	2.7 J	6700	5.1 U	--	--
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	3300 J	0.55 U	6.6 J	3.9 U	470	3 U	1600 J	180	0.13 U	--	15 J	1600 J	5.1 U	--	--
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	28000	0.93 J	21	3.9 U	240	2.2 U	7000	410	0.13 U	--	25 J	8000	5.1 U	--	--
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	21000	0.55 U	8.2	3.9 U	290	1.9 U	7300	440	0.13 U	--	8.5 J	4100 J	5.1 U	--	--
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	3.5 B	9	0.1 U	--	0.29 B	--	--	0.04 B	1.6 B	13.6	--	3.2 B	--	--
MRC-MW30-111505	MRC-MW30A	20051115	--	1.3	3.6	1.74 U	--	1.9 B	--	--	0.02 U	2 U	5.6	--	3.59 U	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	0.94 J	14	1.5 J	--	0.27 J	--	--	0.12 U	0.43 B	16	--	1.8 J	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	2 J	6.6	2.6 J	90	2.2 U	--	46	0.5 U	0.94 U	6.2	--	5.6 U	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	2.2	1.6	2.5 B	--	0.18 U	--	--	0.12 U	1.1 B	4.6	--	1.2 U	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	2.3 U	2.2	4.5	132 U	0.147 J	--	18	0.024 U	0.364 J	7.3	--	1.9 J	3420	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	0.77 J	2.9	0.87 B	142 B	0.11 B	--	32	0.1 U	0.41 J	4.7	--	1.5 J	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	1.6	1.9	1.8 K	1.1 U	0.053 B	--	9.1 B	0.1 U	0.48 B	6.4	--	1.6	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	--	0.26 B	6.6	0.99 B	11 U	0.088 B	--	68.4	0.1 U	0.2 U	15.1	--	1.5 K	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	0.3 B	108	22.2	--	0.025	--	--	0.1 U	0.71 B	145	--	1.6 U	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	2.5	18	3.7 B	--	0.44 J	--	--	0.1 U	1.4 J	8.8	--	2 J	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	2.2 B	68	19.5	--	0.27 B	--	--	0.04 B	0.94 B	135	--	1.2 U	--	--
MRC-MW31-111505	MRC-MW31A	20051115	--	1.01 U	61.6	24.8	--	1.65 U	--	--	0.02 B	2 U	122	--	3.59 U	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	0.71 U	41	22	--	0.41 B	--	--	0.12 U	0.096 B	85	--	0.57 UL	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	0.87 J	49	23	67 U	2.2 U	--	20	0.5 U	2.2 U	88	--	5.6 U	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	0.72 J	35.2	18.1	--	0.23 J	--	--	0.12 U	0.093 U	70.7	--	1.2 U	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	2.2 U	43.2 J	21.9 J	69.1 U	0.289 J	--	14.8	0.024 U	0.068 U	83.3 J	--	0.236 J	12100	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	0.69 B	45.4	25.2	325	0.47 J	--	24.1	0.1 U	0.27 U	88.9	--	0.13 U	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	1.1	59.2	36.8	642	0.79 B	--	31.2	0.1 U	0.12 U	122	--	0.48 B	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	0.14 B	66.5	39.8	--	0.59	--	--	0.1 U	0.66 U	127	--	1.6 U	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	0.9 U	45	22	--	0.36 J	--	--	0.1 U	0.2 U	83	--	0.5 U	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	5.1 B	5.4	1.9	--	1.4 B	--	--	0.04 B	0.82 B	9.7	--	1.5 B	--	--
MRC-MW32-111405	MRC-MW32A	20051114	--	1.5 B	5	7.6 B	--	1.65 U	--	--	0.11 B	2 U	9	--	3.59 U	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	1 J	12	7.5	--	0.41 B	--	--	0.12 U	0.18 B	17	--	0.57 UL	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	0.91 J	5.5	7.5	--	0.25 J	--	--	0.12 U	0.093 U	7.5	--	1.2 U	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE										MICROBIOLOGICAL (CELLS/ML)				
			SILVER	SODIUM	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	BAV1 VC R-DASE	DEHALOBACTER	DEHALOCOCCOIDES	TCE R-DASE	VC R-DASE
			METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML
MRC-MW-127A-111717	MRC-MW127A	20171117	0.92 U	14000	2.1 U	--	--	--	--	--	4.4 U	26 J	--	--	--	--	--
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	0.92 U	53000	2.1 U	--	--	--	--	--	4.4 U	84	--	--	--	--	--
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	0.92 U	64000	2.1 U	--	--	--	--	--	4.4 U	140	--	--	--	--	--
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	0.92 U	64000	2.1 U	--	--	--	--	--	4.4 UJ	16 U	--	--	--	--	--
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	0.92 U	64000	2.6 J	--	--	--	--	--	4.4 U	16 U	--	--	--	--	--
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	0.92 U	7700	2.1 U	--	--	--	--	--	4.4 U	16 U	--	--	--	--	--
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	0.92 U	48000	2.5 J	--	--	--	--	--	4.4 U	37 J	--	--	--	--	--
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	0.92 U	13000	3.5 J	--	--	--	--	--	4.4 U	16 U	--	--	--	--	--
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	0.07 B	--	0.42 B	--	--	--	--	--	0.68 B	11.6 L	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	1.04 UL	--	6.13 UL	--	--	--	--	--	1.36 U	10.7	--	--	--	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	0.08 U	--	0.14 U	--	--	--	--	--	15 J	26	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	2.2 U	--	1 U	--	--	--	--	--	6.7	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	0.08 U	--	0.22 B	--	--	--	--	--	13 J	4.3 B	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	0.015 U	--	0.031 U	--	--	--	--	--	10.2 J	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	0.015 U	--	0.13 U	--	--	--	--	--	9.6 J	21.1 B	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	0.0026 U	--	0.11 U	--	--	--	--	--	20	29.7	--	--	--	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	0.033 U	--	0.12 U	--	--	--	--	--	5.7	45	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	0.021 U	--	0.1 B	--	--	--	--	--	2.8	436	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	0.14 J	--	0.2 U	--	--	--	--	--	13 J	13 J	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	0.06 B	--	0.25 UL	--	--	--	--	--	0.86 B	128	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	1.04 UL	--	6.13 UL	--	--	--	--	--	1.36 U	123	--	--	--	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	0.08 U	--	0.14 B	--	--	--	--	--	0.44 UL	84 B	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	2.2 U	--	1 U	--	--	--	--	--	2.2 U	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	0.08 U	--	0.14 U	--	--	--	--	--	0.88 J	74.8 B	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	0.015 U	--	0.031 U	--	--	--	--	--	0.479 U	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	0.015 U	--	0.13 U	--	--	--	--	--	0.57 J	93.3	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	0.009 B	--	0.11 U	--	--	--	--	--	2.2	128	--	--	--	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	0.021 UL	--	0.023 U	--	--	--	--	--	0.38 B	135	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	0.1 U	--	0.2 U	--	--	--	--	--	0.8 U	74	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	0.06 B	--	0.25 UL	--	--	--	--	--	5.8	15 L	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	1.2 B	--	6.13 U	--	--	--	--	--	4.6 K	18.2	--	--	--	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	0.08 U	--	0.24 B	--	--	--	--	--	1.6 J	27 B	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	0.08 U	--	0.14 U	--	--	--	--	--	0.44 UL	19.7 B	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)														
			ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON	HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE	NITRITE-N
			MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L
MRC-MW-127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	0.0021 UJ	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	0.0021 U	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	0.0021 UJ	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	0.0021 U	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	0.0021 U	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	0.0021 U	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	0.0021 U	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	--	--	--	--	--	--	--	--	--	--	0.025 U	--	--	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	--	0.0017 J	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	--	--	--	--	--	--	--	--	--	--	0.025 U	--	--	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	--	1E-05 U	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	--	--	--	--	--	--	--	--	--	--	0.017 J	--	--	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	--	1E-05 U	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL PHOSPHORUS-P	TOTAL SUSPENDED SOLIDS	PH	BROMIDE
			MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	S.U.	UG/L
MRC-MW-127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	0.0004 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	0.0004 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	0.0004 U	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	S PARAMETERS	PCB HOMOLOGS (UG/L)														
			PERCHLORATE	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS
			MISCELLANEOUS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS,	PCB HOMOLOGS,	PCB HOMOLOGS,
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCB HOMOLOGS, FILTERED (UG/L)															
			MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232
			PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L
MRC-MW-127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	BETA-BHC	CHLORDANE (TECHNICAL)	DECACHLOROBIPHENYL	DELTA-BHC	DICHLOROBIPHENYLS	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-127A-111717	MRC-MW127A	20171117	--	--	--	--	--	--	--	--	0.069 U	--	0.0061 J	--	--	--	--
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	0.07 U	--	0.0054 U	--	--	--	--
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	0.067 U	--	0.0052 U	--	--	--	--
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	0.07 U	--	0.0054 U	--	--	--	--
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	0.069 U	--	0.0054 U	--	--	--	--
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	0.068 U	--	0.0053 U	--	--	--	--
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	0.068 U	--	0.0052 U	--	--	--	--
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	0.071 U	--	0.0055 U	--	--	--	--
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ENDRIN	ENDRIN ALDEHYDE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-127A-111717	MRC-MW127A	20171117	--	--	--	--	--	0.029 U	0.015 U	0.0055 U	0.048 U	0.037 U	--	0.016 J	0.013 U	--	--
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	--	--	--	--	0.03 U	0.015 U	0.0056 U	0.049 U	0.038 U	--	0.014 U	0.013 U	--	--
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	--	--	--	--	0.029 U	0.014 U	0.0054 U	0.047 U	0.036 U	--	0.013 U	0.012 U	--	--
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	--	--	--	--	0.03 U	0.015 U	0.0056 U	0.049 U	0.038 U	--	0.014 U	0.013 U	--	--
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	--	--	--	--	0.03 U	0.015 U	0.0056 U	0.049 U	0.038 U	--	0.014 U	0.013 U	--	--
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	--	--	--	--	0.029 U	0.015 U	0.0054 U	0.048 U	0.037 U	--	0.014 U	0.013 U	--	--
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	--	--	--	--	0.029 U	0.015 U	0.0054 U	0.047 U	0.037 U	--	0.014 U	0.013 U	--	--
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	--	--	--	--	0.03 U	0.015 U	0.0057 U	0.05 U	0.038 U	--	0.014 U	0.013 U	--	--
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE			PETROLEUM HYDROCARBONS		PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)						
			TOXAPHENE	TRICHLOROBIPHENYLS	OIL & GREASE - HEM	OIL & GREASE-SGT-HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235
			PCBS (UG/L)	PCBS (UG/L)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
			UG/L	UG/L	MG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L
MRC-MW-127A-111717	MRC-MW127A	20171117	--	0.0064 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	0.0065 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	0.0062 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	0.0065 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	0.0065 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	0.0063 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	0.0063 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	0.0066 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	--	--	--	10 UJ	--	--	--	--	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	--	--	--	--	--	27	--	--	--	--	--	--	--	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	--	--	--	6.4 J	--	--	--	--	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	--	--	--	--	--	20	--	--	--	--	--	--	--	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	--	--	--	10 UJ	--	--	--	--	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	--	--	--	--	--	52	--	--	--	--	--	--	--	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE				SEMIVOLATILE											
			URANIUM-235/236	URANIUM-236	URANIUM-238	1,4-DIOXANE	1,1-BIPHENYL	1,2,4-TRICHLOROBENZENE	1,2-DIPHENYLHYDRAZINE	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE
			RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILE	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-127A-111717	MRC-MW127A	20171117	--	--	--	0.074 U	0.13 U	--	--	0.47 U	0.38 U	0.29 U	0.23 U	0.18 U	0.24 U	0.31 U	0.24 U
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	--	--	0.14 J	0.13 U	--	--	0.48 U	0.39 U	0.29 U	0.24 U	0.19 U	0.25 U	0.31 U	0.25 U
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	--	--	--	0.13 U	--	--	0.47 U	0.38 U	0.29 U	0.23 U	0.18 U	0.24 U	0.31 U	0.24 U
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	0.13 J	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	--	--	0.16 J	0.13 U	--	--	0.48 U	0.39 U	1.1 J	0.23 U	0.28 J	0.24 U	0.31 U	0.24 U
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	--	--	--	0.12 U	--	--	0.47 U	0.38 U	0.29 U	0.23 U	0.18 U	0.24 U	0.3 U	0.24 U
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	0.66	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	--	--	--	0.13 U	--	--	0.49 U	0.4 U	0.3 U	0.24 U	0.19 U	0.25 U	0.32 U	0.25 U
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	0.23	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	--	--	--	0.13 U	--	--	0.47 U	0.38 U	0.29 U	0.23 U	0.18 U	0.24 U	0.31 U	0.24 U
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	0.28	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	--	--	--	0.13 U	--	--	0.48 U	0.39 U	0.29 U	0.24 U	0.19 U	0.25 U	0.31 U	0.25 U
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	0.29	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	--	--	--	--	--	--	--	2 UL	--	--	--	--	--	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	--	--	--	--	--	--	--	2 UL	--	--	--	--	--	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	--	--	--	--	--	--	--	2 UL	--	--	--	--	--	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
			SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L
MRC-MW-127A-111717	MRC-MW127A	20171117	0.77 U	0.096 U	0.28 U	0.087 U	0.16 U	0.2 U	0.27 U	0.77 U	0.36 U	0.27 U	2.3 U	0.21 U	0.2 U	0.2 U	0.29 U
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	0.78 U	0.098 U	0.28 U	0.25	0.17 U	0.21 U	0.27 U	0.78 U	0.36 U	0.27 U	2.4 U	0.22 U	0.21 U	0.21 U	0.29 U
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	0.77 U	0.096 U	0.28 U	0.087 U	0.16 U	0.2 U	0.27 U	0.77 U	0.36 U	0.27 U	2.3 U	0.21 U	0.2 U	0.2 U	0.29 U
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	0.78 U	0.097 U	0.28 U	0.22	0.17 U	0.2 U	0.27 U	0.78 U	0.36 U	0.27 U	2.3 U	0.21 U	0.2 U	0.2 U	0.29 U
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	0.76 U	0.095 U	0.28 U	0.16 J	0.16 U	0.2 U	0.27 U	0.76 U	0.35 U	0.27 U	2.3 U	0.21 U	0.2 U	0.2 U	0.29 U
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	0.79 U	0.099 U	0.29 U	0.14 J	0.17 U	0.21 U	0.28 U	0.79 U	0.37 U	0.28 U	2.4 U	0.22 U	0.21 U	0.21 U	0.3 U
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	0.77 U	0.096 U	0.28 U	0.12 J	0.16 U	0.2 U	0.27 U	0.77 U	0.36 U	0.27 U	2.3 U	0.21 U	0.2 U	0.2 U	0.29 U
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	0.78 U	0.098 U	0.28 U	0.79	0.17 U	0.21 U	0.27 U	0.78 U	0.36 U	0.27 U	2.4 U	0.22 U	0.21 U	0.21 U	0.29 U
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)														
			4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZIDINE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
			SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L
MRC-MW-127A-111717	MRC-MW127A	20171117	--	0.21 U	0.28 U	0.043 U	0.046 U	0.33 U	0.085 U	0.33 U	--	--	--	0.37 U	--	0.028 U	0.049 U
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	0.22 U	0.28 U	0.043 U	0.047 U	0.33 U	0.086 U	0.33 U	--	--	--	0.38 U	--	0.029 U	0.05 U
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	0.21 U	0.28 U	0.043 U	0.046 U	0.33 U	0.085 U	0.33 U	--	--	--	0.37 U	--	0.028 U	0.049 U
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	0.21 U	0.28 U	0.043 U	0.047 U	0.33 U	0.085 U	0.33 U	--	--	--	0.38 U	--	0.029 U	0.05 U
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	0.21 U	0.28 U	0.042 U	0.046 U	0.32 U	0.084 U	0.32 U	--	--	--	0.37 U	--	0.028 U	0.049 U
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	0.22 U	0.29 U	0.044 U	0.048 U	0.34 U	0.087 U	0.34 U	--	--	--	0.39 U	--	0.029 U	0.051 U
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	0.21 U	0.28 UJ	0.043 U	0.046 U	0.33 U	0.085 U	0.33 U	--	--	--	0.37 U	--	0.028 U	0.049 U
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	0.22 U	0.28 U	0.043 U	0.047 U	0.33 U	0.086 U	0.33 U	--	--	--	0.38 U	--	0.029 U	0.05 U
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-127A-111717	MRC-MW127A	20171117	0.038 U	0.045 U	0.043 U	0.31 U	0.096 U	1.6 U	0.25 U	0.6 U	0.27 U	0.048 U	0.043 U	0.019 U	0.58 U	0.28 U	1.6 U
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	0.039 U	0.045 U	0.044 U	0.31 U	0.098 U	1.7 U	0.25 U	0.57 U	0.27 U	0.049 U	0.044 U	0.02 U	0.59 U	0.28 U	1.7 U
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	0.038 U	0.045 U	0.043 U	0.31 U	0.096 U	1.6 U	0.25 U	1.4 J	0.27 U	0.048 U	0.043 U	0.019 U	0.58 U	0.28 U	1.6 U
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	0.038 U	0.045 U	0.043 U	0.31 U	0.097 U	1.7 U	0.25 U	0.19 U	0.27 U	0.049 U	0.043 U	0.019 U	0.58 U	0.28 U	1.7 U
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	0.038 U	0.044 U	0.043 U	0.3 U	0.095 U	1.6 U	0.25 U	0.19 U	0.27 U	0.048 U	0.042 U	0.019 U	0.57 U	0.28 U	1.6 U
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	0.039 U	0.046 U	0.044 U	0.32 U	0.099 U	1.7 U	0.26 U	0.2 U	0.28 U	0.05 U	0.044 U	0.02 U	0.59 U	0.29 U	1.7 U
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	0.038 U	0.045 U	0.043 U	0.31 U	0.096 U	1.6 U	0.25 U	0.73 J	0.27 U	0.048 U	0.043 U	0.019 U	0.58 U	0.28 U	1.6 U
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	0.039 U	0.045 U	0.044 U	0.31 U	0.098 U	1.7 U	0.25 U	0.2 U	0.27 U	0.049 U	0.044 U	0.02 U	0.59 U	0.28 U	1.7 U
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-127A-111717	MRC-MW127A	20171117	0.22 UJ	0.043 U	0.039 U	0.082 U	0.26 U	0.23 U	0.18 U	0.042 U	0.26 U	0.06 U	0.038 U	0.3 U	0.23 U	0.3 U	0.26 U
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	0.23 UJ	0.044 U	0.04 U	0.084 U	0.26 U	0.24 U	0.19 U	0.042 U	0.26 U	0.061 U	0.039 U	0.3 U	0.24 U	0.3 U	0.26 U
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	0.22 U	0.043 U	0.039 U	0.082 U	0.26 U	0.23 U	0.18 U	0.042 U	0.26 U	0.06 U	0.038 U	0.3 U	0.23 U	0.3 U	0.26 U
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	0.22 U	0.043 U	0.039 U	0.083 U	0.26 U	0.23 U	0.18 U	0.042 U	0.26 U	0.061 U	0.039 U	0.3 U	0.23 U	0.3 U	0.26 U
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	0.22 U	0.042 U	0.039 U	0.081 U	0.26 U	0.23 U	0.18 U	0.041 U	0.26 U	0.06 U	0.038 U	0.3 U	0.23 U	0.3 U	0.26 U
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	0.23 U	0.044 U	0.04 U	0.084 U	0.27 U	0.24 U	0.19 U	0.043 U	0.27 U	0.062 U	0.04 U	0.31 U	0.24 U	0.31 U	0.27 U
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	0.22 U	0.043 U	0.039 U	0.082 U	0.26 U	0.23 U	0.18 U	0.042 U	0.26 U	0.06 U	0.038 U	0.3 U	0.23 U	0.3 U	0.26 U
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	0.23 U	0.044 U	0.04 U	0.084 U	0.26 U	0.24 U	0.19 U	0.042 U	0.26 U	0.061 U	0.039 U	0.3 U	0.24 U	0.3 U	0.26 U
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)										VC
			PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL-	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE	DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	SILANOL, TRIMETHYL-	ETHANE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILE GASES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-127A-111717	MRC-MW127A	20171117	0.06 U	0.58 U	0.04 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	0.061 U	0.59 U	0.041 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	0.06 U	0.58 U	0.04 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	0.06 U	0.58 U	0.041 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	0.059 U	0.57 U	0.04 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	0.061 U	0.59 U	0.042 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	0.06 U	0.58 U	0.04 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	0.061 U	0.59 U	0.041 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30-111505	MRC-MW30A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31-111505	MRC-MW31A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32-111405	MRC-MW32A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILE GASES (UG/L)														
			ETHENE	METHANE	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE
			VOLATILE GASES	VOLATILE GASES	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-127A-111717	MRC-MW127A	20171117	--	--	--	2.9 U	4 U	4.3 U	5.1 U	3.1 U	4.8 U	--	--	--	--	300	--
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	--	--	0.23 U	0.32 U	0.34 U	0.41 U	0.42 J	0.81 U	--	--	--	--	26	--
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	--	--	1.2 U	1.6 U	1.7 U	2.1 U	1.3 U	1.4 U	--	--	--	--	180	--
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	--	--	0.23 U	0.32 U	0.34 U	0.41 U	0.25 U	0.27 U	--	--	--	--	36	--
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	--	--	0.38 U	0.53 U	0.57 U	0.68 U	0.42 U	0.45 U	--	--	--	--	64	--
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	--	--	0.23 U	0.32 U	0.34 U	0.41 U	0.25 U	0.27 U	--	--	--	--	21	--
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	--	--	0.58 U	0.8 U	0.85 U	1 U	0.63 U	0.68 U	--	--	--	--	150	--
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	--	--	0.23 U	0.32 U	0.34 U	0.41 U	0.25 U	0.27 U	--	--	--	--	41	--
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	2 B	1 U	1 U	1 U	1 U
MRC-MW30-111505	MRC-MW30A	20051115	--	--	1 U	1 U	1 U	--	1 U	1 U	0.4 J	1 U	1 U	1 U	1 U	0.6 B	1 U
MRC-MW30A-03192012	MRC-MW30A	20120319	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.25 J	0.48 J	0.13 U	0.17 U	0.43 U	0.0059 U	0.47 J	0.12 U
MRC-MW30A-072908	MRC-MW30A	20080729	--	--	1 U	1 U	1 U	--	1 U	1 U	0.31 J	1 U	1 U	1 U	5 U	0.3 J	1 U
MRC-MW30A-080409	MRC-MW30A	20090804	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.263 J	0.4727 J	0.13 U	0.2218 J	0.43 U	0.0059 U	0.5449 J	0.12 U
MRC-MW30A-102607	MRC-MW30A	20071026	--	--	1.7 U	1.7 U	1.7 U	--	1.7 U	1.7 U	0.38 J	1.7 U	1.5 B	1.7 U	8.4 U	6.3	1.7 U
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	2 B	1 U	1 U	1 U	1 U
MRC-MW31-111505	MRC-MW31A	20051115	--	--	1 U	1 U	1 U	--	1 U	0.4 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW31A-03162012	MRC-MW31A	20120316	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW31A-072908	MRC-MW31A	20080729	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
MRC-MW31A-102607	MRC-MW31A	20071026	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	2 B	1 U	1 U	7	1 U
MRC-MW32-111405	MRC-MW32A	20051114	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	0.4 B	1 U	1 U	1 B	1 U
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	0.23 U	0.32 U	0.34 U	0.41 U	0.25 U	0.27 U	--	--	--	--	0.27 U	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	0.44 U	0.22 U	0.24 U	0.45 U	0.3 U	0.45 U	--	--	--	--	0.32 U	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	--	0.22 U	0.36 U	0.25 U	--	0.31 U	0.2 U	0.57 U	0.29 U	0.82 U	0.7 U	--	0.23 U	0.2 U
MRC-MW32A-042011	MRC-MW32A	20110420	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRICHLOROBENZENE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	1,4-DIOXANE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-127A-111717	MRC-MW127A	20171117	5.9 U	2.9 U	10 J	3.8 U	3.8 U	--	--	5.5 J	--	15	--	--	13 UJ	--	--
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	0.47 U	0.23 U	0.38 J	0.3 U	0.3 U	--	--	0.32 U	--	0.49 J	--	--	1 UJ	--	--
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	2.4 U	1.2 U	1.8 J	1.5 U	1.5 U	--	--	1.6 U	--	2.4 J	--	--	5.1 U	--	--
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	0.47 U	0.23 U	1.2	0.3 U	0.3 U	--	--	0.32 U	--	1.3	--	--	4.1 U	--	--
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	0.78 U	0.38 U	0.95 J	0.5 U	0.5 U	--	--	16	--	2.4	--	--	1.7 U	--	--
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	0.47 U	0.23 U	1.1	0.3 U	0.3 U	--	--	0.32 U	--	1.6	--	--	1 U	--	--
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	1.2 U	0.58 U	2.4 J	0.75 U	0.75 U	--	--	18	--	4.3	--	--	2.6 U	--	--
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	0.47 U	0.23 U	2	0.34 J	0.3 U	--	--	4.8	--	2.6	--	--	1.7 U	--	--
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	1 U	1 U	1 U	5 U	1 U	--	--	1 U	1 U	1 U	100 UR	1 U	5 UR	1 U	1 U
MRC-MW30-111505	MRC-MW30A	20051115	1 U	1 U	1 U	1 U	1 U	--	--	0.8 J	1 U	2	--	1 U	5 U	1 U	1 U
MRC-MW30A-03192012	MRC-MW30A	20120319	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW30A-072908	MRC-MW30A	20080729	2 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	5 U	1 U
MRC-MW30A-080409	MRC-MW30A	20090804	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.2596 J	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW30A-102607	MRC-MW30A	20071026	3.3 U	1.7 U	0.43 J	1.7 U	1.7 U	--	--	1.3 J	1.7 U	3.4	--	1.7 U	8.4 U	8.4 U	1.7 U
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	1 U	1 U	1 U	5 U	1 U	--	--	1 U	1 U	1 U	100 UR	1 U	5 UR	1 U	1 U
MRC-MW31-111505	MRC-MW31A	20051115	1 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	1 U	1 U
MRC-MW31A-03162012	MRC-MW31A	20120316	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW31A-072908	MRC-MW31A	20080729	2 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	5 U	1 U
MRC-MW31A-102607	MRC-MW31A	20071026	2 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	5 U	1 U
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	1 U	1 U	1 U	5 U	1 U	--	--	1 U	1 U	1 U	100 UR	1 U	5 UR	1 U	1 U
MRC-MW32-111405	MRC-MW32A	20051114	1 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	1 U	1 U
MRC-MW32A-031017	MRC-MW32A	20170310	0.47 U	0.23 U	0.26 U	0.3 U	0.3 U	--	--	0.32 U	--	0.23 U	--	--	1 UJ	--	--
MRC-MW32A-03162012	MRC-MW32A	20120316	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW-32A-032816	MRC-MW32A	20160328	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	--	0.27 U	--	--	0.53 U	--	--
MRC-MW-32A-041315	MRC-MW32A	20150413	0.74 U	0.24 U	0.21 U	0.36 U	0.2 U	--	--	0.2 U	0.27 U	0.2 U	--	0.27 U	0.81 U	0.44 UJ	0.2 U
MRC-MW32A-042011	MRC-MW32A	20110420	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	ACROLEIN	ACRYLONITRILE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-127A-111717	MRC-MW127A	20171117	15 UJ	--	--	8.9 U	23 J	--	--	3.5 U	--	--	3.8 U	5.4 U	5.3 U	4.3 U	4.4 U
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	1.2 UJ	--	--	0.71 U	8.1 J	--	--	0.28 U	--	--	0.3 U	0.43 U	0.42 U	0.34 U	0.35 U
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	6.2 UJ	--	--	3.6 UJ	13 U	--	--	1.4 U	--	--	1.5 U	2.2 U	2.1 U	1.7 U	1.8 U
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	1.2 U	--	--	0.71 U	110 U	--	--	0.28 U	--	--	0.3 U	0.43 U	0.42 U	8.7	0.35 U
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	2.1 UJ	--	--	1.2 UJ	14 U	--	--	0.47 U	--	--	0.5 U	0.72 U	0.7 U	0.57 U	0.58 U
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	1.2 UJ	--	--	0.71 UJ	17 U	--	--	0.28 U	--	--	0.3 U	0.43 U	0.42 U	0.34 U	0.35 U
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	3.1 UJ	--	--	1.8 UJ	10 U	--	--	0.7 U	--	--	0.75 U	1.1 U	1.1 U	0.85 U	0.88 U
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	1.2 UJ	--	--	0.71 UJ	33 U	--	--	0.28 U	--	--	0.3 U	0.43 U	0.42 U	0.34 U	0.35 U
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	5 U	1 U	1 U	5 U	5 UR	--	--	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U
MRC-MW30-111505	MRC-MW30A	20051115	5 U	1 U	1 U	5 U	5 UR	--	--	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U
MRC-MW30A-03192012	MRC-MW30A	20120319	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	0.41 U	0.18 U	0.12 U	0.32 U	5.7 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW30A-072908	MRC-MW30A	20080729	5 U	1 U	1 U	5 U	3 B	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW30A-080409	MRC-MW30A	20090804	0.41 U	0.18 U	0.12 U	0.32 U	1.349 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW30A-102607	MRC-MW30A	20071026	8.4 U	1.7 U	1.7 U	8.4 U	2.7 B	--	--	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	0.94 J
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	5 U	1 U	1 U	5 U	5 UR	--	--	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U
MRC-MW31-111505	MRC-MW31A	20051115	5 U	1 U	1 U	5 U	5 UR	--	--	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U
MRC-MW31A-03162012	MRC-MW31A	20120316	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	0.41 U	0.18 U	0.12 U	0.32 U	7.9 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW31A-072908	MRC-MW31A	20080729	5 U	1 U	1 U	5 U	2.1 B	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW31A-102607	MRC-MW31A	20071026	5 U	1 U	1 U	5 U	5 U	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	5 U	1 U	1 U	5 U	5 UR	--	--	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U
MRC-MW32-111405	MRC-MW32A	20051114	5 U	1 U	1 U	5 U	5 UR	--	--	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U
MRC-MW32A-031017	MRC-MW32A	20170310	1.2 U	--	--	0.71 U	1.8 U	--	--	0.28 U	--	--	0.3 U	0.43 U	0.42 UJ	0.34 U	0.35 U
MRC-MW32A-03162012	MRC-MW32A	20120316	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW-32A-032816	MRC-MW32A	20160328	0.48 U	--	--	0.99 U	0.94 U	--	--	0.35 U	--	--	0.29 U	0.56 U	0.44 U	0.38 U	0.43 U
MRC-MW-32A-041315	MRC-MW32A	20150413	1.7 U	0.24 U	0.2 U	0.67 U	1.3 U	--	--	0.2 U	0.28 U	0.32 U	0.32 U	0.42 U	0.29 UJ	0.22 U	0.45 U
MRC-MW32A-042011	MRC-MW32A	20110420	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)														
			CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	CYCLOHEXANE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIETHYL ETHER	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-127A-111717	MRC-MW127A	20171117	8.1 J	3.1 U	5.1 U	3.9 U	5.4 U	3.8 U	3.3 U	5.5 U	--	6.3 UJ	--	--	--	--	3.3 U
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	0.32 U	0.25 U	0.41 U	0.31 U	0.43 U	16	0.26 U	0.44 U	--	0.5 UJ	--	--	--	--	0.26 U
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	1.6 U	1.3 U	2.1 U	1.6 U	2.2 U	8.4	1.3 UJ	2.2 U	--	2.5 UJ	--	--	--	--	1.3 U
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	0.32 U	0.25 U	0.41 U	0.31 U	0.43 U	4.7	0.26 U	0.44 U	--	0.5 UJ	--	--	--	--	0.26 U
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	0.53 U	0.42 U	0.68 U	0.52 U	0.72 U	3.5	0.43 UJ	0.73 U	--	0.84 UJ	--	--	--	--	0.43 U
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	0.32 U	0.25 U	0.41 U	1.9	0.43 U	3.8	0.26 UJ	0.44 U	--	0.5 UJ	--	--	--	--	0.26 U
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	0.8 U	0.63 U	1 U	0.78 U	1.1 U	3.9	0.65 UJ	1.1 U	--	1.3 UJ	--	--	--	--	0.65 U
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	0.45 J	0.25 U	0.41 U	0.36 J	0.43 U	1.8	0.26 UJ	0.44 U	--	0.5 UJ	--	--	--	--	0.26 U
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	1 U	1 U	2 U	1 U	2 U	3	1 U	--	1 U	2 U	--	1 U	1 U	--	1 U
MRC-MW30-111505	MRC-MW30A	20051115	0.9 J	1 U	2 U	1 U	2 U	25	1 U	--	1 U	2 U	--	1 U	1 U	--	1 U
MRC-MW30A-03192012	MRC-MW30A	20120319	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	7.4	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	7.2	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	0.15 U	0.18 U	0.29 UJ	0.19 J	0.3 U	18	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 UJ	--	0.17 U
MRC-MW30A-072908	MRC-MW30A	20080729	1 U	1 U	1 U	1 U	1 U	13	1 U	--	1 U	1 U	--	5 U	--	5 U	1 U
MRC-MW30A-080409	MRC-MW30A	20090804	0.15 U	0.18 U	0.29 U	0.2658 J	0.3 U	20.761	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW30A-102607	MRC-MW30A	20071026	1.4 J	1.7 U	1.7 U	2.3	0.52 J	25	1.7 U	--	1.7 U	1.7 U	--	8.4 U	8.4 U	--	1.7 U
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	1 U	1 U	2 U	1	2 U	3	1 U	--	1 U	2 U	--	1 U	1 U	--	1 U
MRC-MW31-111505	MRC-MW31A	20051115	1 U	1 U	2 U	1	2 U	2	1 U	--	1 U	2 U	--	1 U	1 U	--	1 U
MRC-MW31A-03162012	MRC-MW31A	20120316	0.15 U	0.18 U	0.29 UJ	0.71 J	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	0.15 U	0.18 U	0.29 U	0.67 J	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	0.15 U	0.18 U	0.29 U	0.92 J	0.3 U	0.36 J	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 UJ	--	0.17 U
MRC-MW31A-072908	MRC-MW31A	20080729	1 U	1 U	1 U	0.89 J	1 U	0.63 J	1 U	--	1 U	1 U	--	5 U	--	5 U	1 U
MRC-MW31A-102607	MRC-MW31A	20071026	1 U	1 U	1 U	0.92 J	1 U	0.9 J	1 U	--	1 U	1 U	--	5 U	5 U	--	1 U
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	1 U	1 U	2 U	1 U	2 U	1 U	1 U	--	1 U	2 U	--	1 U	1 U	--	1 U
MRC-MW32-111405	MRC-MW32A	20051114	1 U	1 U	2 U	1 U	2 U	1 U	1 U	--	1 U	2 UJ	--	1 U	1 U	--	1 U
MRC-MW32A-031017	MRC-MW32A	20170310	0.32 U	0.25 U	0.41 UJ	0.31 U	0.43 U	0.3 U	0.26 U	0.44 U	--	0.5 UJ	--	--	--	--	0.26 U
MRC-MW32A-03162012	MRC-MW32A	20120316	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW-32A-032816	MRC-MW32A	20160328	0.25 U	0.43 U	0.32 U	0.25 U	0.44 U	0.26 U	0.46 U	0.45 U	--	0.32 U	--	--	--	--	0.25 U
MRC-MW-32A-041315	MRC-MW32A	20150413	0.29 U	0.31 U	0.24 U	0.25 U	0.21 U	0.3 U	0.24 U	--	0.32 U	0.46 U	--	0.2 U	0.2 U	--	0.2 U
MRC-MW32A-042011	MRC-MW32A	20110420	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	FLUORODICHLOROMETHANE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-127A-111717	MRC-MW127A	20171117	--	--	2.6 U	--	18 U	5.6 U	3.4 U	6.6 U	--	--	--	--	--	2.9 U	--
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-127B-111717	MRC-MW127B	20171117	--	--	0.21 U	--	1.4 U	0.45 U	6.5	0.53 U	--	--	--	--	--	0.23 U	--
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128A-111617	MRC-MW128A	20171116	--	--	1.1 U	--	7.2 U	2.3 U	8.4	2.7 U	--	--	--	--	--	1.2 U	--
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-128B-112117	MRC-MW128B	20171121	--	--	0.21 U	--	1.4 U	0.45 U	4.8	0.53 U	--	--	--	--	--	0.23 U	--
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129A-111617	MRC-MW129A	20171116	--	--	0.35 U	--	2.4 U	0.75 U	2.1	0.89 U	--	--	--	--	--	0.38 U	--
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-129B-111617	MRC-MW129B	20171116	--	--	0.21 U	--	1.4 U	0.45 U	0.77 J	0.53 U	--	--	--	--	--	0.23 U	--
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130A-111517	MRC-MW130A	20171115	--	--	0.53 U	--	3.6 U	1.1 U	3.8	1.3 U	--	--	--	--	--	0.58 U	--
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-130B-111517	MRC-MW130B	20171115	--	--	0.21 U	--	1.4 U	0.45 U	4.1	0.53 U	--	--	--	--	--	0.23 U	--
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-30-060905	MRC-MW30A	20050609	--	1 U	1 U	2 U	--	--	2 U	2 U	0.5 B	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW30-111505	MRC-MW30A	20051115	--	1 U	1 U	2 U	--	--	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW30A-03192012	MRC-MW30A	20120319	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-042711	MRC-MW30A	20110427	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW30A-052810	MRC-MW30A	20100528	--	0.3 U	0.13 U	0.24 U	--	--	0.21 J	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW30A-072908	MRC-MW30A	20080729	--	1 U	1 U	2 U	--	--	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
MRC-MW30A-080409	MRC-MW30A	20090804	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW30A-102607	MRC-MW30A	20071026	--	1.7 U	1.7 U	3.3 U	--	--	8.4 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	8.4 U
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-31-060905	MRC-MW31A	20050609	--	1 U	1 U	2 U	--	--	9	2 U	0.6 B	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW31-111505	MRC-MW31A	20051115	--	1 U	1 U	2 U	--	--	6	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW31A-03162012	MRC-MW31A	20120316	--	0.3 U	0.13 U	0.24 U	--	--	0.66 J	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-042111	MRC-MW31A	20110421	--	0.3 U	0.13 U	0.24 U	--	--	0.41 J	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW31A-060110	MRC-MW31A	20100601	--	0.3 U	0.13 U	0.24 U	--	--	2 J	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW31A-072908	MRC-MW31A	20080729	--	1 U	1 U	2 U	--	--	2.2 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
MRC-MW31A-102607	MRC-MW31A	20071026	--	1 U	1 U	2 U	--	--	3.5 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-32-060905	MRC-MW32A	20050609	--	1 U	1 U	2 U	--	--	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW32-111405	MRC-MW32A	20051114	--	1 U	1 U	2 U	--	--	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	0.21 U	--	1.4 U	0.45 U	0.27 U	0.53 U	--	--	--	--	--	0.23 U	--
MRC-MW32A-03162012	MRC-MW32A	20120316	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	0.35 U	--	2.3 U	0.43 U	0.2 U	0.33 U	--	--	--	--	--	0.45 U	--
MRC-MW-32A-041315	MRC-MW32A	20150413	--	0.62 U	0.2 U	0.33 U	--	--	0.29 U	0.6 U	0.2 U	0.21 U	0.2 U	0.2 U	0.27 U	0.2 U	0.2 U
MRC-MW32A-042011	MRC-MW32A	20110420	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	
MRC-MW-127A-111717	MRC-MW127A	20171117	--	--	--	3.8 U	2.9 U	--	3 U	--	3.6 U	3.9 U	4.1 U	6.3 U	--	5.6 U	NORMAL
MRC-MW127B-111717	MRC-MW127B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-127B-111717	MRC-MW127B	20171117	--	--	--	0.3 U	0.23 U	--	0.24 U	--	0.99 J	0.31 U	6.2	0.5 U	--	0.83 J	NORMAL
MRC-MW128A-111617	MRC-MW128A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-128A-111617	MRC-MW128A	20171116	--	--	--	1.5 U	1.2 U	--	1.2 U	--	1.5 U	1.6 U	3 J	2.5 U	--	2.3 U	NORMAL
MRC-MW-128A-111717	MRC-MW128A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW128B-112117	MRC-MW128B	20171121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-128B-112117	MRC-MW128B	20171121	--	--	--	0.3 U	1.9	--	0.24 U	--	0.29 U	0.31 U	1.5	0.5 U	--	0.45 U	NORMAL
MRC-MW129A-111617	MRC-MW129A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-129A-111617	MRC-MW129A	20171116	--	--	--	0.5 U	0.38 U	--	0.4 U	--	0.48 U	0.52 U	0.55 U	0.84 U	--	0.75 U	NORMAL
MRC-MW-129A-111717	MRC-MW129A	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW129B-111617	MRC-MW129B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-129B-111617	MRC-MW129B	20171116	--	--	--	0.3 U	0.54 J	--	0.24 U	--	0.29 U	0.31 U	3.9	0.5 U	--	0.45 U	NORMAL
MRC-MW-129B-111717	MRC-MW129B	20171117	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW130A-111517	MRC-MW130A	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-130A-111517	MRC-MW130A	20171115	--	--	--	0.75 U	0.58 U	--	0.6 U	--	0.73 U	0.78 U	0.83 U	1.3 U	--	1.1 U	NORMAL
MRC-MW-130A-111617	MRC-MW130A	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW130B-111517	MRC-MW130B	20171115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-130B-111517	MRC-MW130B	20171115	--	--	--	0.3 U	30	--	0.24 U	--	0.29 U	0.31 U	0.96 J	0.5 U	--	0.45 U	NORMAL
MRC-MW-130B-111617	MRC-MW130B	20171116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-30-060905	MRC-MW30A	20050609	--	1 U	5 UR	1 U	1 U	3	3 U	--	1 U	1 U	5	2 U	1 U	2 U	NORMAL
MRC-MW30-111505	MRC-MW30A	20051115	--	1 U	5 UR	1 U	1 U	26	3 U	--	1	1 U	15	2 U	1 U	2	NORMAL
MRC-MW30A-03192012	MRC-MW30A	20120319	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.61 J	0.19 U	12	0.21 U	0.19 UR	0.22 U	NORMAL
MRC-MW-30A-041515	MRC-MW30A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW30A-042711	MRC-MW30A	20110427	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.57 J	0.19 U	12	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW30A-050814	MRC-MW30A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW30A-052810	MRC-MW30A	20100528	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	1.7	0.19 U	29	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW30A-072908	MRC-MW30A	20080729	5 U	1 U	20 UR	1 U	1 U	--	2 U	--	0.89 J	1 U	18	1 U	2 U	1 U	NORMAL
MRC-MW30A-080409	MRC-MW30A	20090804	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	1.76	0.19 U	28.544	0.21 U	0.19 U	0.3628 J	NORMAL
MRC-MW30A-102607	MRC-MW30A	20071026	--	1.7 U	33 UR	1.7 U	1.7 U	--	3.3 U	--	1.7	1.7 U	36	1.7 U	3.3 U	1.1 J	NORMAL
MRC-MW30A-20130315	MRC-MW30A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-31-060905	MRC-MW31A	20050609	--	1 U	5 UR	1 U	1 U	3	3 U	--	1 U	1 U	7	2 U	1 U	2 U	NORMAL
MRC-MW31-111505	MRC-MW31A	20051115	--	1 U	5 UR	1 U	1 U	2 J	3 U	--	1 U	1 U	5	2 U	1 U	2 U	NORMAL
MRC-MW31A-03162012	MRC-MW31A	20120316	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.49 J	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW-31A-041515	MRC-MW31A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW31A-042111	MRC-MW31A	20110421	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.38 J	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW31A-050814	MRC-MW31A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW31A-060110	MRC-MW31A	20100601	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.9 J	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW31A-072908	MRC-MW31A	20080729	5 U	1 U	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	1.6	1 U	2 U	1 U	NORMAL
MRC-MW31A-102607	MRC-MW31A	20071026	--	1 U	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	2.2	1 U	2 U	1 U	NORMAL
MRC-MW31A-20130315	MRC-MW31A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-32-060905	MRC-MW32A	20050609	--	1 U	5 UR	1 U	1 U	2 U	3 U	--	1 U	1 U	1 B	2 U	1 U	2 U	NORMAL
MRC-MW32-111405	MRC-MW32A	20051114	--	1 U	5 UR	1 U	1 U	2 U	3 U	--	1 U	1 U	0.7 J	2 U	1 U	2 U	NORMAL
MRC-MW32A-031017	MRC-MW32A	20170310	--	--	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.31 U	0.33 U	0.5 U	--	0.45 U	NORMAL
MRC-MW32A-03162012	MRC-MW32A	20120316	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.46 J	0.21 U	0.19 UR	0.22 U	NORMAL
MRC-MW-32A-032816	MRC-MW32A	20160328	--	--	--	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.56 U	0.55 J	0.49 U	--	0.29 U	NORMAL
MRC-MW-32A-041315	MRC-MW32A	20150413	--	0.2 U	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	0.2 U	0.56 J	0.2 U	1.1 U	0.32 U	NORMAL
MRC-MW32A-042011	MRC-MW32A	20110420	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.59 J	0.21 U	0.19 U	0.22 U	NORMAL

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURANS	DISSOLVED METALS (UG/L)												
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
			DIOXINS/FURANS MG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-072808	MRC-MW32A	20080728	--	0.035 U	0.24	31.5	1.5	0.017 B	0.069 U	5.7	5.1	1.1 U	0.18 B	2.6 B	0.1 U	0.12 U	8.6
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	0.36 B	1 UL	59.3	1.6	0.05 UL	2.1 B	15.3	0.1 U	--	0.38 B	--	0.02 B	0.2 U	16.6
MRC-MW33-111505	MRC-MW33A	20051115	--	4.11 U	3.45 UL	38.6	1.4 L	0.4 U	1.01 U	39.4	1.74 U	--	2.3 B	--	0.02 U	2 U	30.9
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	0.035 U	0.43	34.8	4.9	0.32 B	0.069 U	47.8	6.1	1.1 U	0.14 B	312	0.1 U	0.12 U	34.5
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	0.4 B	1 UL	42.3	0.06 B	0.05 UL	2.2 B	0.97	0.1 U	--	0.23 B	--	0.02 U	0.2 B	1.9 B
MRC-MW34-111405	MRC-MW34A	20051114	--	4.11 U	3.45 UL	52.1	1.1 B	0.4 U	1.5 B	1.9	4.9 B	--	1.65 U	--	0.1 B	2 U	1.9
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	--	0.035 U	0.13 U	49.8	0.056	0.034 B	0.91	0.74	0.32 B	1.1 U	0.074 B	2.2 B	0.1 U	0.12 U	0.91 B
MRC-MW34A-082509	MRC-MW34A	20090825	--	0.055 U	0.21 U	41	0.054 B	0.032 B	0.78 B	0.64	0.3 B	26.7 B	0.055 B	2.1 B	0.1 UL	0.2 U	0.74 B
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	--	0.068 B	0.72 B	149	10.9	0.45 B	0.27 B	124	39	81.6 B	0.11 B	452	0.1 U	0.12 U	168
MRC-MW34B-082509	MRC-MW34B	20090825	--	0.055 U	0.21 U	146	9.8	0.4 B	0.12 B	122	36.8	54.2 B	0.12 B	469	0.1 UL	0.2 U	159
MRC-MW34B-102405	MRC-MW34B	20051024	--	4.11 U	3.45 U	138	5.8	0.4 U	1.01 U	114	10.2 L	--	1.65 U	--	0.02 U	2 U	147
MRC-MW34B-110807	MRC-MW34B	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE						FILTERED (0.10) METALS (UG/L)									
			SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY
			DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-072808	MRC-MW32A	20080728	0.24 B	0.0026 U	0.11 U	1.3	17.8 B	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	1.2 U	0.05 UL	0.33 B	0.52 B	25.7	--	--	--	--	--	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	3.59 U	1.04 UL	6.13 UL	1.36 U	146	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	0.21 B	0.0026 U	0.14 B	2.1	114	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	2.1 B	0.05 UL	0.34 B	0.78 B	5.3 B	--	--	--	--	--	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	3.59 U	1.04 U	6.13 U	1.36 U	2.1 B	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	2.1	0.0026 U	0.11 U	0.46 U	2.7 B	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	1.9	0.033 U	0.12 U	0.6 U	2.4 B	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	0.87 B	0.003 B	0.36 B	1.4	340	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	0.56	0.033 U	0.14 B	0.85	331	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-102405	MRC-MW34B	20051024	3.59 U	1.04 UL	6.13 U	2.8	250	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	--	--	--	--	--	0.048 U	0.51	149	11.1	0.4	0.45 B	129	38	0.14 B	0.1 UL
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER
																	FILTER
			FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	0.048 U	0.27 U	36.4	1.8	0.015 B	0.054 U	7.6	5
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	0.25 B	0.27 U	44	5	0.34	1.9 B	64	6.5
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	--	--	--	0.2 B	0.27 U	47.9	0.1 B	0.014 U	0.91 B	1.3	0.33
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	0.66 UL	159	1.6 U	0.021 U	0.023 U	1.4	350	0.048 U	0.58	139	10.4	0.37	0.23 B	120	35.9
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	LED (0.45) METALS (UG/L)														
			LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
			FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	0.027 U	0.16 U	21.9	1 B	0.025 U
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	--	--	--	--	--	--	--	--	0.035 U	0.32	31.6	1.6	0.029 B
MRC-MW32A-102507	MRC-MW32A	20071025	0.37	0.1 U	3.7 B	11.2	1.6 U	0.021 UL	0.023 U	0.25 U	21.2	--	0.063 B	0.42 B	40.7	1.8	0.027 B
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	--	--	--	--	--	--	--	--	0.5 B	1.4 L	58.4	1.7	0.05 UL
MRC-MW33-111505	MRC-MW33A	20051115	--	--	--	--	--	--	--	--	--	--	4.11 U	3.45 UL	41.7	1.7 L	0.4 U
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	0.13 U	0.78 J	37	7.9	0.42 J
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	2.2 U	3 U	43	4.3	1.1 U
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	100	8.5	0.2 J
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	0.157 UJ	0.211 UJ	17.9 J	1.9 J	0.107 J
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	0.073 B	0.28 B	62	5.7	0.28 B
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	--	--	--	--	--	--	--	--	0.035 U	0.24	35.2	5.3	0.33 B
MRC-MW33A-102607	MRC-MW33A	20071026	0.29	0.1 U	5.4 B	39.5	1.6 U	0.021 U	0.023 U	0.25 U	132	--	0.44 B	0.35 B	39	4.9	0.38
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	0.3 U	0.9 U	43	8.5	0.47 J
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	--	--	--	--	--	--	--	--	0.47 B	1 UL	41.7	0.05 U	0.05 UL
MRC-MW34-111405	MRC-MW34A	20051114	--	--	--	--	--	--	--	--	--	--	4.11 U	3.45 UL	52.8	1.1 B	0.4 U
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	0.13 U	0.62 J	100	0.2 U	0.13 U
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	--	0.13 U	0.86 J	312	0.2 U	0.13 U
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	--	--	--	--	--	--	0.053 B	0.16 U	95.8	0.078 B	0.047 B
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	--	--	--	--	--	--	--	--	0.035 U	0.13 U	49.3	0.037	0.029 B
MRC-MW34A-082509	MRC-MW34A	20090825	--	--	--	--	--	--	--	--	--	--	0.055 U	0.21 U	41.5	0.048 B	0.027 U
MRC-MW34A-110607	MRC-MW34A	20071106	0.13 B	0.1 U	6.9	1.9	2.1 L	0.021 U	0.023 U	0.25 U	5.7 B	--	0.41 B	0.27 U	46	0.087 B	0.02 B
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	--	--	--	--	--	--	0.18 B	1.1 J	150	12	0.68 J
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	--	--	--	--	--	--	0.304 U	0.359 U	151	10.1	0.36 J
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	131	9.2 L	0.3 J
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	--	--	--	--	--	--	0.284 U	0.211 U	137	8.8 J	0.348 J
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	--	--	--	--	--	--	0.027 U	0.45 B	148	9.4	0.37 B
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	--	--	--	--	--	--	--	--	0.077 B	0.67 B	148	10.4	0.46 B
MRC-MW34B-082509	MRC-MW34B	20090825	--	--	--	--	--	--	--	--	--	--	0.055 U	0.21 U	145	9.9	0.42 B
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	--	--	--	--	--	--	--	--	4.11 U	4.2	136	7.1	0.47
MRC-MW34B-110807	MRC-MW34B	20071108	0.092 B	0.1 UL	2 B	147	1.9	0.021 U	0.023 U	1.4	323	--	0.048 UL	0.62 L	147	10.8	0.37
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	--	--	--	--	--	--	0.3 U	0.9 U	160	11	0.39 J
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	0.14 B	1.1 J	24	0.2 U	0.36 J
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)														
			CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE
			METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	1.3 J	3.2	3.7 B	916	0.42 B	--	3.6 B	0.1 U	0.27 U	5	--	0.13 U	--	--
MRC-MW32A-072808	MRC-MW32A	20080728	--	0.069 U	5.6	5.1	63.5 B	0.21 B	--	2.8 B	0.1 U	0.12 U	8.8	--	0.24 B	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	3.8	7.4	6.9	--	0.92	--	--	0.1 U	0.66 U	11.7	--	1.6 U	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	2.5 B	15.1	0.1 U	--	0.42 B	--	--	0.05 B	0.43 B	16.6	--	1.2 U	--	--
MRC-MW33-111505	MRC-MW33A	20051115	--	1.01 U	41.7	1.74 U	--	2.6 B	--	--	0.02 U	2 U	32.7	--	3.59 U	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	1.2 J	72	9.3	--	0.53 J	--	--	0.12 U	0.093 U	56	--	0.57 U	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	0.81 J	47	5.1 J	52 J	2.2 U	--	250	0.5 U	2.2 U	35	--	5.6 U	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	0.71 U	45.9	5.5	--	0.18 J	--	--	0.12 U	0.093 U	47.3	--	1.2 U	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	2.1 U	18.2 J	2.2 J	23.1 U	0.1 J	--	108	0.024 U	0.068 UJ	14.5 J	--	0.255 J	2740	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	2.2	47.1	9	2240	1.2	--	298	0.1 U	0.27 U	41.7	--	0.13 U	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	0.1	48.5	6.4	82.4 B	0.19 B	--	330	0.1 U	0.12 U	36.5	--	0.14 U	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	0.93 B	63	7.6	--	0.42	--	--	0.1 U	0.94 B	36.3	--	1.6 U	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	1.3 J	74	9.1	--	0.37 J	--	--	0.1 U	0.29 J	57	--	0.5 U	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	2.6 B	0.96	0.1 U	--	0.1 B	--	--	0.04 B	0.51 B	2.1 B	--	1.8 B	--	--
MRC-MW34-111405	MRC-MW34A	20051114	--	1.01 U	1.2	4.7 B	--	1.65 U	--	--	0.11 B	2 U	2	--	3.59 U	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	0.89 J	1.5	0.48 B	--	0.18 U	--	--	0.12 U	0.096 B	2.7 K	--	2.7 J	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	0.71 U	3.3	0.8 B	--	0.18 U	--	--	0.12 U	0.093 U	5	--	2.7 J	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	0.47 J	0.99 J	0.26 B	6 U	0.019 UL	--	3.5	0.1 U	0.27 U	1.2 B	9010	1.7 J	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	--	0.5	0.77	0.35 B	36.1 B	0.1 B	--	2.3 B	0.1 U	0.12 U	0.77 B	--	2.1	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	--	0.91 B	0.66	0.3 B	120 B	0.16 B	--	2.8 B	0.1 UL	0.2 U	0.84 B	7880	2.1	--	--
MRC-MW34A-110607	MRC-MW34A	20071106	--	1 B	1.3	0.47	--	0.095 B	--	--	0.1 U	1.1 B	1.8	--	1.7 L	--	--
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	16000	--	--	--	--	--	13000	--	--	--	--	7500	--	--	9300
MRC-MW34B-040312	MRC-MW34B	20120403	13000	0.71 U	130	36	300	0.49 J	12000	440	0.12 U	0.42 B	160	6300	1.1 J	--	9000
MRC-MW-34B-041315	MRC-MW34B	20150413	--	0.82 U	138	41.3	119	0.271 U	--	511	0.04 U	0.103 U	164	7240	0.829 J	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	14000	--	--	--	130 U	--	11000	460	--	--	--	6000	--	--	8200
MRC-MW34B-050211	MRC-MW34B	20110502	--	0.71 UJ	112	33.5	735 J	0.18 UL	--	413	0.12 U	0.093 U	147	6160 K	1.2 UL	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	3.2 U	113 J	31.5 J	13.6 U	0.089 J	--	411	0.047 J	0.068 U	135 J	--	0.807 J	3490	--
MRC-MW34B-061710	MRC-MW34B	20100617	--	0.43 J	124	36.8	372	0.019 UL	--	417	0.1 U	0.27 U	162	6380	1.1 J	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	--	0.34 B	128	39.6	128 B	0.13 B	--	473	0.1 U	0.12 U	172	--	1.1	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	--	0.89 B	123	38	1180	0.4	--	474	0.1 UL	0.2 U	163	6980	0.66	--	--
MRC-MW34B-102405	MRC-MW34B	20051024	--	12.9	111	32.4 L	--	2.7 B	--	--	0.02 U	2 U	154	--	4.2 B	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	--	0.71 B	124 J	38	--	0.16 B	--	--	0.1 UL	0.66 UL	153 J	--	1.6 U	--	--
MRC-MW34B-20130321	MRC-MW34B	20130321	13000	0.9 U	110	30	290	0.26 J	12000	420	0.1 UL	0.72 B	150	6400	0.79 J	--	9100
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	0.87 J	0.78 J	0.59 B	--	0.43 J	--	--	0.12 U	0.21 B	2.5 K	--	0.57 U	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE										MICROBIOLOGICAL (CELLS/ML)				
			SILVER	SODIUM	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	BAV1 VC R-DASE	DEHALOBACTER	DEHALOCOCCOIDES	TCE R-DASE	VC R-DASE
			METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	0.015 U	--	0.13 U	--	--	--	--	--	2.1 J	17.4 B	--	--	--	--	--
MRC-MW32A-072808	MRC-MW32A	20080728	0.0026 U	--	0.11 U	--	--	--	--	--	1.9	17.9 B	--	--	--	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	0.021 UL	--	0.023 U	--	--	--	--	--	6.4	22.6	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	0.05 UL	--	0.25 UL	--	--	--	--	--	0.81 B	31.3	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	1.04 UL	--	6.13 UL	--	--	--	--	--	1.36 U	148	--	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	0.08 U	--	0.14 U	--	--	--	--	--	1.7 J	180	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	2.2 U	--	1 U	--	--	--	--	--	2.2 U	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	0.08 U	--	0.16 B	--	--	--	--	--	0.44 U	98.2	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	0.015 UJ	--	0.031 UJ	--	--	--	--	--	0.479 U	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	0.015 U	--	0.13 U	--	--	--	--	--	3.9 J	132	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	0.0026 U	--	0.11 U	--	--	--	--	--	1.7	118	--	--	--	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	0.021 U	--	0.023 U	--	--	--	--	--	1.6	134	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	0.1 U	--	0.2 U	--	--	--	--	--	0.8 J	160	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	0.05 UL	--	0.25 UL	--	--	--	--	--	0.58 B	3.9 B	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	1.04 U	--	6.8 B	--	--	--	--	--	1.8 K	1.5 B	--	--	--	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	0.08 U	--	0.14 U	--	--	--	--	--	0.44 UL	2.4 B	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	0.08 U	--	0.14 U	--	--	--	--	--	0.44 UL	10 B	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	0.015 U	--	0.13 U	--	--	--	--	--	0.43 U	2.9 B	--	--	--	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	0.0026 U	--	0.11 U	--	--	--	--	--	0.46 U	2.3 B	--	--	--	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	0.033 U	--	0.12 U	--	--	--	--	--	0.6 U	5.2 B	--	--	--	--	--
MRC-MW34A-110607	MRC-MW34A	20071106	0.021 U	--	0.023 U	--	--	--	--	--	0.25 U	6.6 B	--	--	--	--	--
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	83000	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	0.08 U	71000	0.87 B	--	--	--	--	--	1.8 J	340	--	--	--	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	0.062 U	--	0.279 J	--	--	--	--	--	0.935 J	--	--	--	--	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	--	74000	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	0.08 U	--	0.14 U	--	--	--	--	--	1.8 J	303	--	--	--	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	0.044 U	--	0.065 J	--	--	--	--	--	0.522 J	--	--	--	--	--	--
MRC-MW34B-061710	MRC-MW34B	20100617	0.015 UL	--	0.26 B	--	--	--	--	--	1.7 J	329	--	--	--	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	0.025 B	--	0.38 B	--	--	--	--	--	1.3	338	--	--	--	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	0.033 U	--	0.14 B	--	--	--	--	--	6.1	335	--	--	--	--	--
MRC-MW34B-102405	MRC-MW34B	20051024	1.04 UL	--	6.13 U	--	--	--	--	--	25.7	255	--	--	--	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	0.021 UL	--	0.023 U	--	--	--	--	--	2.4	333	--	--	--	--	--
MRC-MW34B-20130321	MRC-MW34B	20130321	0.32 B	71000	0.36 J	--	--	--	--	--	0.83 J	310 K	--	--	--	--	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	0.08 U	--	0.48 B	--	--	--	--	--	1.9 J	2.3 U	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)														
			ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON	HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE	NITRITE-N
			MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	--	--	--	--	--	--	--	--	--	--	0.025 U	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	--	1E-05 UL	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	--	--	--	--	--	--	--	--	--	--	0.025 U	--	--	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	--	0.0003 J	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	27	--	0.1 U	--	--	--	--	69.8	--	0.6 J	0.001 J	--	1.1	--	0.012 U
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	32	--	0.1 U	--	--	--	--	8.3	--	0.9	--	--	1.5	--	0.012 U
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	--	--	--	15.4	--	--	--	--	1.5	--	0.1 U
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	1.9 U	--	0.87 U	--	--	--	--	200	--	1.2	--	--	0.14	--	0.038 U
MRC-MW34B-040312	MRC-MW34B	20120403	12	--	0.16 B	--	--	--	--	160 K	--	--	--	--	0.023 U	--	0.012 U
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	0.034 J	--	--	0.3 U	--	186	--	--	--	--	0.5 J	--	0.3 U
MRC-MW-34B-041916	MRC-MW34B	20160419	50	--	0.87 U	--	--	--	--	200	--	0.91 J	--	--	0.19	--	0.038 U
MRC-MW34B-050211	MRC-MW34B	20110502	4 J	--	0.08 J	--	--	--	--	176 K	--	2	2E-05 J	--	0.22	--	0.012 U
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	1.4	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	0.004 U	--	--	0.3 U	--	165	--	1.1	--	--	0.5 J	--	0.3 U
MRC-MW34B-061710	MRC-MW34B	20100617	5.1 B	--	0.1 U	--	--	--	--	189	--	2	0.0001 U	--	0.1	--	0.012 U
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	6.1 B	--	0.1	--	--	--	--	181	--	2	--	--	0.2	--	0.012 U
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	--	--	--	--	--	--	--	156	--	--	--	--	0.1	--	0.1 U
MRC-MW34B-20130321	MRC-MW34B	20130321	3.5 J	--	0.083 B	--	--	--	--	160	--	1.6	--	--	0.37	--	0.012 U
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL PHOSPHORUS-P	TOTAL SUSPENDED SOLIDS	PH	BROMIDE
																MISCELLANEOUS	MISCELLANEOU
			MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	S.U.	UG/L
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	0.0004 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	0.0004 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	0.1 J	--	--	--	--	11.3	220	--	--	--	--	--	--	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	0.044 U	--	--	--	--	14.9	100	--	--	--	--	--	--	--	--
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	--	13.2	87	--	1	--	--	--	6	--	--
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	0.03 J	--	--	--	--	18	360	--	--	--	--	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	0.044 U	--	--	--	--	29	320	--	--	--	--	--	--	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	0.003 J	--	--	--	8.5	46.9	338	--	1.5	--	--	--	--	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	0.021 J	--	0.15 U	--	--	28	350	--	--	--	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	0.044 U	0.0004 U	--	--	--	17.7	290	--	--	--	--	--	--	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	0.002 U	--	--	8.04	--	27.3	314	--	--	--	--	--	--	--	--
MRC-MW34B-061710	MRC-MW34B	20100617	0.4 J	--	--	--	--	16.8	360	--	--	--	--	--	--	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	0.044 U	--	--	--	--	16.2	400	--	--	--	--	--	--	--	--
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	--	--	--	--	--	12.5	290	--	2	--	--	--	10	--	--
MRC-MW34B-20130321	MRC-MW34B	20130321	0.044 U	--	--	--	--	18	540	--	--	--	--	--	--	--	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	S PARAMETERS	PCB HOMOLOGS (UG/L)														
			PERCHLORATE	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS
			MISCELLANEOUS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCB HOMOLOGS, FILTERED (UG/L)															
			MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232
			PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCBS (UG/L)														
			AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	BETA-BHC	CHLORDANE (TECHNICAL)	DECACHLOROBIPHENYL	DELTA-BHC	DICHLOROBIPHENYLS	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ENDRIN	ENDRIN ALDEHYDE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE			PETROLEUM HYDROCARBONS		PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)						
			TOXAPHENE	TRICHLOROBIPHENYLS	OIL & GREASE - HEM	OIL & GREASE-SGT-HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235
			PCBS (UG/L)	PCBS (UG/L)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
			UG/L	UG/L	MG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	--	--	--	10 UJ	--	--	--	--	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	--	--	--	--	--	11	--	--	--	--	--	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	--	--	--	10 UJ	--	--	--	--	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	--	--	--	--	--	16	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE				SEMIVOLATILE												
			URANIUM-235/236	URANIUM-236	URANIUM-238	1,4-DIOXANE	1,1-BIPHENYL	1,2,4-TRICHLOROBENZENE	1,2-DIPHENYLHYDRAZINE	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE
			RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILE	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	0.17 J	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	--	--	--	--	--	--	--	2 UL	--	--	--	--	--	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	0.057 U	--	--	--	--	--	--	--
MRC-MW34A-031017-	MRC-MW34A	20170310	--	--	--	--	--	--	--	0.057 U	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	0.057 U	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	--	0.45	--	--	--	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	--	--	--	--	--	2 UL	--	--	--	--	--	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	0.057 U	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)														
			4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZIDINE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
			SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)										VC
			PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL-	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE	DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	SILANOL, TRIMETHYL-	ETHANE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILE GASES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33-111505	MRC-MW33A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34-111405	MRC-MW34A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-061510	MRC-MW34A	20100615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.26 UJ
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34A-082509	MRC-MW34A	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.27 U
MRC-MW34A-110607	MRC-MW34A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.5 U
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.14 U
MRC-MW34B-040312	MRC-MW34B	20120403	--	--	--	--	--	--	1.4 NJ	--	--	--	--	--	--	--	0.38 J
MRC-MW-34B-041315	MRC-MW34B	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.38 J
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.14 U
MRC-MW34B-050211	MRC-MW34B	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.26 UJ
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.29 J
MRC-MW34B-061710	MRC-MW34B	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.55
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-082509	MRC-MW34B	20090825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.37 J
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-110807	MRC-MW34B	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.27 J
MRC-MW34B-20130321	MRC-MW34B	20130321	--	--	--	--	--	--	1.9 NJ	--	--	--	--	--	--	--	0.22 J
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILE GASES (UG/L)														
			ETHENE	METHANE	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE
			VOLATILE GASES	VOLATILE GASES	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW32A-050814	MRC-MW32A	20140508	--	--	0.22 U	0.36 U	0.25 U	--	0.31 UJ	0.2 U	0.57 U	0.29 U	0.82 U	0.7 U	--	0.23 U	0.2 U
MRC-MW32A-060210	MRC-MW32A	20100602	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.19 B	0.43 U	0.0059 U	0.54 B	0.12 U
MRC-MW32A-072808	MRC-MW32A	20080728	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
MRC-MW32A-102507	MRC-MW32A	20071025	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
MRC-MW32A-20130315	MRC-MW32A	20130315	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW-33-060905	MRC-MW33A	20050609	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW33-111505	MRC-MW33A	20051115	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	0.23 U	0.32 U	0.34 U	0.41 U	0.27 J	0.27 U	--	--	--	--	0.27 U	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	0.44 U	0.22 U	0.24 U	0.45 U	0.3 U	0.45 U	--	--	--	--	0.32 U	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	1 U	1 U	1 U	1 U	1 U	0.3 J	--	2 U	--	--	2 U	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW33A-050814	MRC-MW33A	20140508	--	--	0.22 U	0.36 U	0.25 U	--	0.31 UJ	0.2 U	0.57 U	0.29 U	0.82 U	0.7 U	--	0.23 U	0.2 U
MRC-MW33A-060110	MRC-MW33A	20100601	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW33A-072808	MRC-MW33A	20080728	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
MRC-MW33A-102607	MRC-MW33A	20071026	--	--	1 U	1 U	1 U	--	1 U	0.29 J	1 U	1 U	1 U	1 U	5 U	1 U	1 U
MRC-MW33A-20130315	MRC-MW33A	20130315	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.25 J	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW-34-060905	MRC-MW34A	20050609	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.6 B	1 U
MRC-MW34-111405	MRC-MW34A	20051114	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	0.23 U	0.32 U	0.34 U	0.41 U	0.25 U	0.27 U	--	--	--	--	0.27 U	--
MRC-MW34A-031017-	MRC-MW34A	20170310	--	--	--	0.23 U	0.32 U	0.34 U	0.41 U	0.25 U	0.27 U	--	--	--	--	0.27 U	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	0.23 U	0.32 U	0.34 U	0.41 U	0.25 U	0.27 U	--	--	--	--	0.27 U	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	0.44 U	0.22 U	0.24 U	0.45 U	0.3 U	0.45 U	--	--	--	--	0.32 U	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	--	0.22 U	0.36 U	0.25 U	--	0.31 U	0.2 U	0.57 U	0.29 U	0.82 U	0.7 U	--	0.23 U	0.2 U
MRC-MW34A-042011	MRC-MW34A	20110420	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW34A-051214	MRC-MW34A	20140512	--	--	0.22 U	0.36 U	0.25 U	--	0.31 UJ	0.2 U	0.57 U	0.29 U	0.82 U	0.7 U	--	0.23 U	0.2 U
MRC-MW34A-061510	MRC-MW34A	20100615	0.31 UJ	0.1 U	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW34A-072808	MRC-MW34A	20080728	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
MRC-MW34A-082509	MRC-MW34A	20090825	0.24 U	0.17 U	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW34A-110607	MRC-MW34A	20071106	0.5 U	0.5 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
MRC-MW34A-20130315	MRC-MW34A	20130315	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW34B-031517	MRC-MW34B	20170315	0.13 U	24	--	0.23 U	0.32 U	0.34 U	0.41 U	0.68 J	0.27 U	--	--	--	--	0.27 U	0.24 U
MRC-MW34B-040312	MRC-MW34B	20120403	0.31 U	99	0.23 U	0.22 U	0.18 U	--	0.28 U	0.78 J	0.23 J	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW-34B-041315	MRC-MW34B	20150413	0.11 U	91	0.22 U	0.36 U	0.25 U	--	0.31 U	0.76 J	0.57 U	0.29 U	0.82 U	0.7 U	--	0.23 U	0.2 U
MRC-MW-34B-041916	MRC-MW34B	20160419	0.13 U	33	--	0.44 U	0.22 U	0.24 U	0.45 UJ	0.73 J	0.45 U	--	--	--	--	0.32 UJ	--
MRC-MW34B-050211	MRC-MW34B	20110502	0.31 UJ	52 J	0.23 U	0.22 U	0.18 U	--	0.28 U	0.58 J	0.24 J	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	0.11 U	69	0.22 U	0.36 U	0.25 U	--	0.31 UJ	0.73 J	0.57 U	0.29 U	0.82 U	0.7 U	--	0.23 U	0.2 U
MRC-MW34B-061710	MRC-MW34B	20100617	0.31 U	150	0.23 U	0.22 U	0.18 U	--	0.28 U	0.82 J	0.33 J	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW34B-073108	MRC-MW34B	20080731	--	--	1 U	1 U	1 U	--	1 U	1.1	0.36 J	1 U	1 U	1 U	5 U	1 U	1 U
MRC-MW34B-082509	MRC-MW34B	20090825	0.24 U	94	0.23 U	0.22 U	0.18 U	--	0.28 U	1	0.36 J	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW34B-102405	MRC-MW34B	20051024	--	--	1 U	1 U	1 U	--	1 U	2	0.6 J	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW34B-110807	MRC-MW34B	20071108	0.5 U	67	1 U	1 U	1 U	--	1 U	1.4	0.39 J	1 U	1 U	1 U	5 U	1 U	1 U
MRC-MW34B-20130321	MRC-MW34B	20130321	0.37 U	49	0.23 U	0.22 U	0.18 U	--	0.28 U	0.77 J	0.29 J	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	0.23 U	0.32 U	0.34 U	0.41 U	0.25 U	0.27 U	--	--	--	--	0.27 U	0.24 U
MRC-MW34C-040312	MRC-MW34C	20120403	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW-34C-041315	MRC-MW34C	20150413	--	--	0.22 U	0.36 U	0.25 U	--	0.31 U	0.2 U	0.57 U	0.29 U	0.82 U	0.7 U	--	0.23 U	0.2 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRICHLOROBENZENE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	1,4-DIOXANE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW32A-050814	MRC-MW32A	20140508	0.74 U	0.24 U	0.21 U	0.36 U	0.2 U	--	--	0.2 U	0.27 U	0.2 U	--	0.27 U	0.81 U	0.44 UJ	0.2 U
MRC-MW32A-060210	MRC-MW32A	20100602	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW32A-072808	MRC-MW32A	20080728	2 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	5 U	1 U
MRC-MW32A-102507	MRC-MW32A	20071025	2 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	5 U	1 U
MRC-MW32A-20130315	MRC-MW32A	20130315	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW-33-060905	MRC-MW33A	20050609	1 U	1 U	1 U	5 U	1 U	--	--	1 U	1 U	1 U	100 UR	1 U	5 UR	1 U	1 U
MRC-MW33-111505	MRC-MW33A	20051115	1 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	1 U	1 U
MRC-MW33A-031017	MRC-MW33A	20170310	0.47 U	0.23 U	0.26 U	0.3 U	0.3 U	--	--	0.32 U	--	0.23 U	--	--	1 UJ	--	--
MRC-MW33A-03192012	MRC-MW33A	20120319	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW-33A-032916	MRC-MW33A	20160329	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	--	0.27 U	--	--	0.53 U	--	--
MRC-MW-33A-041515	MRC-MW33A	20150415	7 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	320 UR	--	10 U	--	--
MRC-MW33A-042711	MRC-MW33A	20110427	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW33A-050814	MRC-MW33A	20140508	0.74 U	0.24 U	0.21 U	0.36 U	0.2 U	--	--	0.2 U	0.27 U	0.2 U	--	0.27 U	0.81 U	0.44 UJ	0.2 U
MRC-MW33A-060110	MRC-MW33A	20100601	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW33A-072808	MRC-MW33A	20080728	2 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	5 U	1 U
MRC-MW33A-102607	MRC-MW33A	20071026	2 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	5 U	1 U
MRC-MW33A-20130315	MRC-MW33A	20130315	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW-34-060905	MRC-MW34A	20050609	1 U	1 U	1 U	5 U	1 U	--	--	1 U	1 U	1 U	100 UR	1 U	5 UR	1 U	1 U
MRC-MW34-111405	MRC-MW34A	20051114	1 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	1 U	1 U
MRC-MW34A-031017	MRC-MW34A	20170310	0.47 U	0.23 U	0.26 U	0.3 U	0.3 U	--	--	0.32 U	--	0.23 U	--	--	1 UJ	--	--
MRC-MW34A-031017-	MRC-MW34A	20170310	0.47 U	0.23 U	0.26 U	0.3 U	0.3 U	--	--	0.32 U	--	0.23 U	--	--	1 U	--	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	0.47 U	0.23 U	0.26 U	0.3 U	0.3 U	--	--	0.32 U	--	0.23 U	--	--	1 UJ	--	--
MRC-MW34A-03162012	MRC-MW34A	20120316	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW-34A-032816	MRC-MW34A	20160328	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	--	0.27 U	--	--	0.53 U	--	--
MRC-MW-34A-041315	MRC-MW34A	20150413	0.74 U	0.24 U	0.21 U	0.36 U	0.2 U	--	--	0.2 U	0.27 U	0.2 U	--	0.27 U	0.81 U	0.44 UJ	0.2 U
MRC-MW34A-042011	MRC-MW34A	20110420	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW34A-051214	MRC-MW34A	20140512	0.74 U	0.24 U	0.21 U	0.36 U	0.2 U	--	--	0.2 U	0.27 U	0.2 U	--	0.27 U	0.81 U	0.44 UJ	0.2 U
MRC-MW34A-061510	MRC-MW34A	20100615	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW34A-072808	MRC-MW34A	20080728	2 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	5 U	1 U
MRC-MW34A-082509	MRC-MW34A	20090825	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW34A-110607	MRC-MW34A	20071106	2 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	5 U	1 U
MRC-MW34A-20130315	MRC-MW34A	20130315	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW34B-031517	MRC-MW34B	20170315	0.47 U	0.23 U	0.26 U	0.3 U	0.3 U	--	--	0.32 U	--	0.23 U	--	--	1 U	--	--
MRC-MW34B-040312	MRC-MW34B	20120403	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW-34B-041315	MRC-MW34B	20150413	0.74 U	0.24 U	0.21 U	0.36 U	0.2 U	--	--	0.2 U	0.27 U	0.2 U	--	0.27 U	0.81 U	0.44 UJ	0.2 U
MRC-MW-34B-041916	MRC-MW34B	20160419	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	--	0.27 U	--	--	0.53 U	--	--
MRC-MW34B-050211	MRC-MW34B	20110502	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	0.74 U	0.24 U	0.21 U	0.36 U	0.2 U	--	--	0.2 U	0.27 U	0.2 U	--	0.27 U	0.81 U	0.44 UJ	0.2 U
MRC-MW34B-061710	MRC-MW34B	20100617	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW34B-073108	MRC-MW34B	20080731	2 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	5 U	1 U
MRC-MW34B-082509	MRC-MW34B	20090825	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW34B-102405	MRC-MW34B	20051024	1 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 UR	1 U	1 U
MRC-MW34B-110807	MRC-MW34B	20071108	2 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	5 U	1 U
MRC-MW34B-20130321	MRC-MW34B	20130321	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 UJ	0.57 U	0.99 U	0.11 U
MRC-MW34C-031517	MRC-MW34C	20170315	0.47 U	0.23 U	0.26 U	0.3 U	0.3 U	--	--	0.32 U	--	0.23 U	--	--	1 U	--	--
MRC-MW34C-040312	MRC-MW34C	20120403	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW-34C-041315	MRC-MW34C	20150413	0.74 U	0.24 U	0.21 U	0.36 U	0.2 U	--	--	0.2 U	0.27 U	0.2 U	--	0.27 U	0.81 U	0.44 UJ	0.2 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	ACROLEIN	ACRYLONITRILE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW32A-050814	MRC-MW32A	20140508	1.7 U	0.24 U	0.2 UJ	0.67 U	1.3 U	--	--	0.2 U	0.28 U	0.32 U	0.32 U	0.42 U	0.29 U	0.22 U	0.45 U
MRC-MW32A-060210	MRC-MW32A	20100602	0.41 U	0.18 U	0.12 U	0.32 U	6.6 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW32A-072808	MRC-MW32A	20080728	5 U	1 U	1 U	5 U	1.1 B	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW32A-102507	MRC-MW32A	20071025	5 U	1 U	1 U	5 U	5 U	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW32A-20130315	MRC-MW32A	20130315	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW-33-060905	MRC-MW33A	20050609	5 U	1 U	1 U	5 U	5 UR	--	--	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U
MRC-MW33-111505	MRC-MW33A	20051115	5 U	1 U	1 U	5 U	5 UR	--	--	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U
MRC-MW33A-031017	MRC-MW33A	20170310	1.2 U	--	--	0.71 U	1.8 U	--	--	0.28 U	--	--	0.3 U	0.43 U	0.42 UJ	0.34 U	0.35 U
MRC-MW33A-03192012	MRC-MW33A	20120319	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW-33A-032916	MRC-MW33A	20160329	0.48 U	--	--	0.99 U	0.94 U	--	--	0.35 U	--	--	0.29 U	0.56 U	0.44 U	0.38 U	0.43 U
MRC-MW-33A-041515	MRC-MW33A	20150415	5 U	--	--	5 U	10 U	--	--	1 U	--	1 U	1 U	1 U	0.64 U	1 UJ	1 U
MRC-MW33A-042711	MRC-MW33A	20110427	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW33A-050814	MRC-MW33A	20140508	1.7 U	0.24 U	0.2 UJ	0.67 U	1.3 U	--	--	0.2 U	0.28 U	0.32 U	0.32 U	0.42 U	0.29 U	0.22 U	0.45 U
MRC-MW33A-060110	MRC-MW33A	20100601	0.41 U	0.18 U	0.12 U	0.32 U	9.6 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW33A-072808	MRC-MW33A	20080728	5 U	1 U	1 U	5 U	1.7 B	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW33A-102607	MRC-MW33A	20071026	5 U	1 U	1 U	5 U	5 U	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW33A-20130315	MRC-MW33A	20130315	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW-34-060905	MRC-MW34A	20050609	5 U	1 U	1 U	5 U	5 UR	--	--	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U
MRC-MW34-111405	MRC-MW34A	20051114	5 U	1 U	1 U	5 U	5 UR	--	--	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U
MRC-MW34A-031017	MRC-MW34A	20170310	1.2 U	--	--	0.71 U	1.8 U	--	--	0.28 U	--	--	0.3 U	0.43 U	0.42 UJ	0.34 U	0.35 U
MRC-MW34A-031017-	MRC-MW34A	20170310	1.2 U	--	--	0.71 U	1.8 U	--	--	0.28 U	--	--	0.3 U	0.43 U	0.42 U	0.34 U	0.35 U
MRC-MW34A-031017-D	MRC-MW34A	20170310	1.2 U	--	--	0.71 U	1.8 U	--	--	0.28 U	--	--	0.3 U	0.43 U	0.42 UJ	0.34 U	0.35 U
MRC-MW34A-03162012	MRC-MW34A	20120316	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW-34A-032816	MRC-MW34A	20160328	0.48 U	--	--	0.99 U	0.94 U	--	--	0.35 U	--	--	0.29 U	0.56 U	0.44 U	0.38 U	0.43 U
MRC-MW-34A-041315	MRC-MW34A	20150413	1.7 U	0.24 U	0.2 U	0.67 U	1.3 U	--	--	0.2 U	0.28 U	0.32 U	0.32 U	0.42 U	0.29 UJ	0.22 U	0.45 U
MRC-MW34A-042011	MRC-MW34A	20110420	0.41 U	0.18 U	0.12 U	0.32 U	3.3 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW34A-051214	MRC-MW34A	20140512	1.7 U	0.24 U	0.2 UJ	0.67 U	1.3 U	--	--	0.2 U	0.28 U	0.32 U	0.32 U	0.42 U	0.29 U	0.22 U	0.45 U
MRC-MW34A-061510	MRC-MW34A	20100615	0.41 U	0.18 U	0.12 U	0.32 U	3.6 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW34A-072808	MRC-MW34A	20080728	5 U	1 U	1 U	5 U	1.8 B	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW34A-082509	MRC-MW34A	20090825	0.41 U	0.18 U	0.12 U	0.32 U	2.4 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW34A-110607	MRC-MW34A	20071106	5 U	1 U	1 U	5 U	5 U	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW34A-20130315	MRC-MW34A	20130315	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW34B-031517	MRC-MW34B	20170315	1.2 U	--	--	0.71 U	1.8 U	--	--	0.28 U	--	--	0.3 U	0.43 U	0.42 U	0.34 U	3.9
MRC-MW34B-040312	MRC-MW34B	20120403	0.41 U	0.18 U	0.12 U	0.32 U	1.5 J	--	--	0.24 J	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	3.7
MRC-MW-34B-041315	MRC-MW34B	20150413	1.7 U	0.24 U	0.2 U	0.67 U	1.3 U	--	--	0.21 J	0.28 U	0.32 U	0.32 U	0.42 U	0.29 UJ	0.22 U	2.9
MRC-MW-34B-041916	MRC-MW34B	20160419	0.48 U	--	--	0.99 U	0.94 U	--	--	0.35 U	--	--	0.29 U	0.56 U	0.44 U	0.38 U	2.7
MRC-MW34B-050211	MRC-MW34B	20110502	0.41 U	0.18 U	0.12 U	0.32 U	2.5 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	13
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	1.7 U	0.24 U	0.2 UJ	0.67 U	1.3 U	--	--	0.23 J	0.28 U	0.32 U	0.32 U	0.42 U	0.29 U	0.22 U	5.4
MRC-MW34B-061710	MRC-MW34B	20100617	0.41 U	0.18 U	0.12 U	0.32 U	6.9 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	13
MRC-MW34B-073108	MRC-MW34B	20080731	5 U	1 U	1 U	5 U	1.3 B	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	12
MRC-MW34B-082509	MRC-MW34B	20090825	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	17
MRC-MW34B-102405	MRC-MW34B	20051024	5 U	1 U	1 U	5 U	5 UR	--	--	0.5 J	1 U	1 U	1 U	1 U	2 U	1 U	25
MRC-MW34B-110807	MRC-MW34B	20071108	5 U	1 U	1 U	5 U	2.9 B	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	13
MRC-MW34B-20130321	MRC-MW34B	20130321	0.41 UJ	0.18 U	0.12 U	0.32 U	1.1 UJ	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 UJ	0.13 U	6.3
MRC-MW34C-031517	MRC-MW34C	20170315	1.2 U	--	--	0.71 U	1.8 U	--	--	0.28 U	--	--	0.3 U	0.43 U	0.42 U	0.34 U	0.35 U
MRC-MW34C-040312	MRC-MW34C	20120403	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW-34C-041315	MRC-MW34C	20150413	1.7 U	0.24 U	0.2 U	0.67 U	1.3 U	--	--	0.2 U	0.28 U	0.32 U	0.32 U	0.42 U	0.29 UJ	0.22 U	0.45 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)														
			CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	CYCLOHEXANE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIETHYL ETHER	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW32A-050814	MRC-MW32A	20140508	0.29 U	0.31 U	0.24 U	0.25 U	0.21 U	0.3 U	0.24 U	--	0.32 U	0.46 U	--	0.2 U	0.2 U	--	0.2 U
MRC-MW32A-060210	MRC-MW32A	20100602	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW32A-072808	MRC-MW32A	20080728	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	5 U	--	5 U	1 U
MRC-MW32A-102507	MRC-MW32A	20071025	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	5 U	5 U	--	1 U
MRC-MW32A-20130315	MRC-MW32A	20130315	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 UJ	--	1.5 U	--	0.11 U	0.17 U
MRC-MW-33-060905	MRC-MW33A	20050609	1 U	1 U	2 U	1 U	2 U	1 U	1 U	--	1 U	2 U	--	1 U	1 U	--	1 U
MRC-MW33-111505	MRC-MW33A	20051115	1 U	1 U	2 U	1 U	2 U	1	1 U	--	1 U	2 U	--	1 U	1 U	--	1 U
MRC-MW33A-031017	MRC-MW33A	20170310	0.32 U	0.25 U	0.41 UJ	0.31 U	0.43 U	2.8	0.26 U	0.44 U	--	0.5 UJ	--	--	--	--	0.26 U
MRC-MW33A-03192012	MRC-MW33A	20120319	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	3	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW-33A-032916	MRC-MW33A	20160329	0.25 U	0.43 U	0.32 U	0.25 U	0.44 U	2.1	0.46 U	0.45 U	--	0.32 U	--	--	--	--	0.25 U
MRC-MW-33A-041515	MRC-MW33A	20150415	1 U	1 U	1 U	1 U	1 U	1.1	1 U	1 U	--	1 UJ	--	--	--	--	1 U
MRC-MW33A-042711	MRC-MW33A	20110427	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	1.9	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW33A-050814	MRC-MW33A	20140508	0.29 U	0.31 U	0.24 U	0.25 U	0.21 U	0.67 J	0.24 U	--	0.32 U	0.46 U	--	0.2 U	0.2 U	--	0.2 U
MRC-MW33A-060110	MRC-MW33A	20100601	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	1.2	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW33A-072808	MRC-MW33A	20080728	1 U	1 U	1 U	1 U	1 U	0.87 J	1 U	--	1 U	1 U	--	5 U	--	5 U	1 U
MRC-MW33A-102607	MRC-MW33A	20071026	1 U	1 U	1 U	1 U	1 U	0.81 J	1 U	--	1 U	1 U	--	5 U	5 U	--	1 U
MRC-MW33A-20130315	MRC-MW33A	20130315	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	2.4	0.14 U	--	0.28 U	0.31 UJ	--	1.5 U	--	0.11 U	0.17 U
MRC-MW-34-060905	MRC-MW34A	20050609	1 U	1 U	2 U	1 U	2 U	0.5 J	1 U	--	1 U	2 U	--	1 U	1 U	--	1 U
MRC-MW34-111405	MRC-MW34A	20051114	1 U	1 U	2 U	1 U	2 U	1 U	1 U	--	1 U	2 U	--	1 U	1 U	--	1 U
MRC-MW34A-031017	MRC-MW34A	20170310	0.32 U	0.25 U	0.41 UJ	0.31 U	0.43 U	0.3 U	0.26 U	0.44 U	--	0.5 UJ	--	--	--	--	0.26 U
MRC-MW34A-031017-	MRC-MW34A	20170310	0.32 U	0.25 U	0.41 U	0.31 U	0.43 U	0.3 U	0.26 U	0.44 U	--	0.5 U	--	--	--	--	0.26 U
MRC-MW34A-031017-D	MRC-MW34A	20170310	0.32 U	0.25 U	0.41 UJ	0.31 U	0.43 U	0.3 U	0.26 U	0.44 U	--	0.5 UJ	--	--	--	--	0.26 U
MRC-MW34A-03162012	MRC-MW34A	20120316	0.15 U	0.18 U	0.29 UJ	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW-34A-032816	MRC-MW34A	20160328	0.25 U	0.43 U	0.32 U	0.25 U	0.44 U	0.26 U	0.46 U	0.45 U	--	0.32 U	--	--	--	--	0.25 U
MRC-MW-34A-041315	MRC-MW34A	20150413	0.29 U	0.31 U	0.24 U	0.25 U	0.21 U	0.3 U	0.24 U	--	0.32 U	0.46 U	--	0.2 U	0.2 U	--	0.2 U
MRC-MW34A-042011	MRC-MW34A	20110420	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW34A-051214	MRC-MW34A	20140512	0.29 U	0.31 U	0.24 U	0.25 U	0.21 U	0.3 U	0.24 U	--	0.32 U	0.46 U	--	0.2 U	0.2 U	--	0.2 U
MRC-MW34A-061510	MRC-MW34A	20100615	0.15 U	0.18 U	0.29 U	0.16 U	0.3 J	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW34A-072808	MRC-MW34A	20080728	1 U	1 U	1 U	1 U	1 U	0.26 J	1 U	--	1 U	1 U	--	5 U	--	5 U	1 U
MRC-MW34A-082509	MRC-MW34A	20090825	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW34A-110607	MRC-MW34A	20071106	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	5 U	5 U	--	1 U
MRC-MW34A-20130315	MRC-MW34A	20130315	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 UJ	--	1.5 U	--	0.11 U	0.17 U
MRC-MW34B-031517	MRC-MW34B	20170315	0.32 U	0.25 U	0.41 U	1.4	0.43 U	13	0.26 U	0.44 U	--	0.5 U	--	--	--	--	0.26 U
MRC-MW34B-040312	MRC-MW34B	20120403	0.15 U	0.18 U	0.29 U	1.7	0.3 U	19	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW-34B-041315	MRC-MW34B	20150413	0.29 U	0.31 U	0.24 U	1.2	0.21 U	13	0.24 U	--	0.32 U	0.46 U	--	0.2 U	0.2 U	--	0.2 U
MRC-MW-34B-041916	MRC-MW34B	20160419	0.25 U	0.43 U	0.32 U	1.1	0.44 U	14	0.46 U	0.45 UJ	--	0.32 U	--	--	--	--	0.25 U
MRC-MW34B-050211	MRC-MW34B	20110502	0.15 U	0.18 U	0.29 U	3.5	0.3 U	17	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	0.29 U	0.31 U	0.24 U	1.9	0.21 U	15	0.24 U	--	0.32 U	0.46 U	--	0.2 U	0.2 U	--	0.2 U
MRC-MW34B-061710	MRC-MW34B	20100617	0.15 U	0.18 U	0.29 U	3.2	0.38 J	22	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW34B-073108	MRC-MW34B	20080731	1 U	1 U	1 U	3.2	1 U	22	1 U	--	1 U	1 U	--	5 U	--	5 U	1 U
MRC-MW34B-082509	MRC-MW34B	20090825	0.15 U	0.18 U	0.29 U	4.3	0.3 U	23	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW34B-102405	MRC-MW34B	20051024	0.3 J	1 U	2 U	7	0.4 B	28	1 U	--	1 U	2 U	--	1 U	1 U	--	1 U
MRC-MW34B-110807	MRC-MW34B	20071108	1 U	1 U	1 U	3.5	1 U	29	1 U	--	1 U	1 U	--	5 U	5 U	--	1 U
MRC-MW34B-20130321	MRC-MW34B	20130321	0.15 U	0.18 U	0.29 U	1.8	0.3 U	18	0.14 U	--	0.28 U	0.31 U	--	1.5 U	--	0.11 U	0.17 U
MRC-MW34C-031517	MRC-MW34C	20170315	0.32 U	0.25 U	0.41 U	0.31 U	0.43 U	0.3 U	0.26 U	0.44 U	--	0.5 U	--	--	--	--	0.26 U
MRC-MW34C-040312	MRC-MW34C	20120403	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW-34C-041315	MRC-MW34C	20150413	0.29 U	0.31 U	0.24 U	0.25 U	0.21 U	0.3 U	0.24 U	--	0.32 U	0.46 U	--	0.2 U	0.2 U	--	0.2 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	FLUORODICHLOROMETHANE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW32A-050814	MRC-MW32A	20140508	--	0.62 UJ	0.2 U	0.33 U	--	--	0.29 U	0.32 U	0.2 U	0.21 UJ	0.2 U	0.2 U	0.27 UJ	0.2 U	0.2 U
MRC-MW32A-060210	MRC-MW32A	20100602	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW32A-072808	MRC-MW32A	20080728	--	1 U	1 U	2 U	--	--	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
MRC-MW32A-102507	MRC-MW32A	20071025	--	1 U	1 U	2 U	--	--	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
MRC-MW32A-20130315	MRC-MW32A	20130315	--	0.3 UJ	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	--
MRC-MW-33-060905	MRC-MW33A	20050609	--	1 U	1 U	2 U	--	--	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW33-111505	MRC-MW33A	20051115	--	1 U	1 U	2 U	--	--	2 J	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	0.21 U	--	1.4 U	0.45 U	4.5	0.53 U	--	--	--	--	--	0.23 U	--
MRC-MW33A-03192012	MRC-MW33A	20120319	--	0.3 U	0.13 U	0.24 U	--	--	4.8 J	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	0.35 U	--	2.3 U	0.43 U	4.2	0.33 U	--	--	--	--	--	0.45 U	--
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	1 U	2 U	2 U	1 UJ	1.9	1 U	--	--	--	1 U	--	1 U	--
MRC-MW33A-042711	MRC-MW33A	20110427	--	0.3 U	0.13 U	0.24 U	--	--	1.2 J	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW33A-050814	MRC-MW33A	20140508	--	0.62 UJ	0.2 U	0.33 U	--	--	1.2	0.32 U	0.2 U	0.21 UJ	0.2 U	0.2 U	0.27 UJ	0.2 U	0.2 U
MRC-MW33A-060110	MRC-MW33A	20100601	--	0.3 U	0.13 U	0.24 U	--	--	5.3	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW33A-072808	MRC-MW33A	20080728	--	1 U	1 U	2 U	--	--	1.3 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
MRC-MW33A-102607	MRC-MW33A	20071026	--	1 U	1 U	2 U	--	--	0.87 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
MRC-MW33A-20130315	MRC-MW33A	20130315	--	0.3 UJ	0.13 U	0.24 U	--	--	3.8	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	--
MRC-MW-34-060905	MRC-MW34A	20050609	--	1 U	1 U	2 U	--	--	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW34-111405	MRC-MW34A	20051114	--	1 U	1 U	2 U	--	--	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	0.21 U	--	1.4 U	0.45 U	0.27 U	0.53 U	--	--	--	--	--	0.23 U	--
MRC-MW34A-031017-	MRC-MW34A	20170310	--	--	0.21 U	--	1.4 U	0.45 U	0.27 U	0.53 U	--	--	--	--	--	0.23 U	--
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	0.21 U	--	1.4 U	0.45 U	0.27 U	0.53 U	--	--	--	--	--	0.23 U	--
MRC-MW34A-03162012	MRC-MW34A	20120316	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	0.35 U	--	2.3 U	0.43 U	0.2 U	0.33 U	--	--	--	--	--	0.45 U	--
MRC-MW-34A-041315	MRC-MW34A	20150413	--	0.62 U	0.2 U	0.33 U	--	--	0.29 U	0.6 U	0.2 U	0.21 U	0.2 U	0.2 U	0.27 U	0.2 U	0.2 U
MRC-MW34A-042011	MRC-MW34A	20110420	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW34A-051214	MRC-MW34A	20140512	--	0.62 UJ	0.2 U	0.33 U	--	--	0.29 U	0.32 U	0.2 U	0.21 UJ	0.2 U	0.2 U	0.27 UJ	0.2 U	0.2 U
MRC-MW34A-061510	MRC-MW34A	20100615	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW34A-072808	MRC-MW34A	20080728	--	1 U	1 U	2 U	--	--	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
MRC-MW34A-082509	MRC-MW34A	20090825	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW34A-110607	MRC-MW34A	20071106	--	1 U	1 U	2 U	--	--	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
MRC-MW34A-20130315	MRC-MW34A	20130315	--	0.3 UJ	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	--
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	0.21 U	--	1.4 U	0.45 U	23	0.53 U	--	--	--	--	--	0.23 U	--
MRC-MW34B-040312	MRC-MW34B	20120403	--	0.3 U	0.13 U	0.24 U	--	--	16	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW-34B-041315	MRC-MW34B	20150413	--	0.62 U	0.2 U	0.33 U	--	--	19	0.6 U	0.2 U	0.21 U	0.2 U	0.2 U	0.27 U	0.2 U	0.2 U
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	0.35 U	--	2.3 U	0.43 UJ	21	0.33 U	--	--	--	--	--	0.45 U	--
MRC-MW34B-050211	MRC-MW34B	20110502	--	0.3 U	0.13 U	0.24 U	--	--	12 J	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34B-051214	MRC-MW34B	20140512	--	0.62 UJ	0.2 U	0.33 U	--	--	18	0.32 U	0.2 U	0.21 UJ	0.2 U	0.2 U	0.27 UJ	0.2 U	0.2 U
MRC-MW34B-061710	MRC-MW34B	20100617	--	0.3 U	0.13 U	0.24 U	--	--	21	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW34B-073108	MRC-MW34B	20080731	--	1 U	1 U	2 U	--	--	27	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
MRC-MW34B-082509	MRC-MW34B	20090825	--	0.3 U	0.13 U	0.24 U	--	--	19	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW34B-102405	MRC-MW34B	20051024	--	1 U	1 U	2 U	--	--	54	2 U	2 B	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW34B-110807	MRC-MW34B	20071108	--	1 U	1 U	2 U	--	--	32	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
MRC-MW34B-20130321	MRC-MW34B	20130321	--	0.3 U	0.13 U	0.24 U	--	--	21	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	--
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	0.21 U	--	1.4 U	0.45 U	0.27 U	0.53 U	--	--	--	--	--	0.23 U	--
MRC-MW34C-040312	MRC-MW34C	20120403	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW-34C-041315	MRC-MW34C	20150413	--	0.62 U	0.2 U	0.33 U	--	--	0.29 U	0.6 U	0.2 U	0.21 U	0.2 U	0.2 U	0.27 U	0.2 U	0.2 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	
MRC-MW32A-050814	MRC-MW32A	20140508	--	0.2 UJ	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	0.2 U	0.22 U	0.2 U	1.1 U	0.32 U	NORMAL
MRC-MW32A-060210	MRC-MW32A	20100602	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.55 J	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW32A-072808	MRC-MW32A	20080728	5 U	1 U	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	0.53 B	1 U	2 U	1 U	NORMAL
MRC-MW32A-102507	MRC-MW32A	20071025	--	1 U	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	0.45 J	1 U	2 U	1 U	NORMAL
MRC-MW32A-20130315	MRC-MW32A	20130315	0.067 U	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.62 J	0.21 UJ	0.19 U	0.22 U	NORMAL
MRC-MW-33-060905	MRC-MW33A	20050609	--	1 U	5 UR	1 U	1 U	2 U	3 U	--	1 U	1 U	0.7 B	2 U	1 U	2 U	NORMAL
MRC-MW33-111505	MRC-MW33A	20051115	--	1 U	5 UR	1 U	1 U	1 J	3 U	--	1 U	1 U	2	2 U	1 U	2 U	NORMAL
MRC-MW33A-031017	MRC-MW33A	20170310	--	--	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.31 U	2.5	0.5 U	--	0.45 U	NORMAL
MRC-MW33A-03192012	MRC-MW33A	20120319	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	2.8	0.21 U	0.19 UR	0.22 U	NORMAL
MRC-MW-33A-032916	MRC-MW33A	20160329	--	--	--	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.56 U	2.2	0.49 U	--	0.29 U	NORMAL
MRC-MW-33A-041515	MRC-MW33A	20150415	--	--	--	1 U	1 U	--	--	--	1 U	1 U	1.1	1 U	--	1 U	NORMAL
MRC-MW33A-042711	MRC-MW33A	20110427	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	1.5	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW33A-050814	MRC-MW33A	20140508	--	0.2 UJ	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	0.2 U	0.6 J	0.2 U	1.1 U	0.32 U	NORMAL
MRC-MW33A-060110	MRC-MW33A	20100601	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.99 J	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW33A-072808	MRC-MW33A	20080728	5 U	1 U	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	1.3 B	1 U	2 U	1 U	NORMAL
MRC-MW33A-102607	MRC-MW33A	20071026	--	1 U	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	1.2	1 U	2 U	1 U	NORMAL
MRC-MW33A-20130315	MRC-MW33A	20130315	0.067 U	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	2.8	0.21 UJ	0.19 U	0.22 U	NORMAL
MRC-MW-34-060905	MRC-MW34A	20050609	--	1 U	5 UR	1 U	1 U	2 U	3 U	--	1 U	1 U	23	2 U	1 U	2 U	NORMAL
MRC-MW34-111405	MRC-MW34A	20051114	--	1 U	5 UR	1 U	1 U	2 U	3 U	--	1 U	1 U	25	2 U	1 U	2 U	NORMAL
MRC-MW34A-031017	MRC-MW34A	20170310	--	--	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.31 U	17	0.5 U	--	0.45 U	NORMAL
MRC-MW34A-031017-	MRC-MW34A	20170310	--	--	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.31 U	17	0.5 U	--	0.45 U	NORMAL
MRC-MW34A-031017-D	MRC-MW34A	20170310	--	--	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.31 U	17	0.5 U	--	0.45 U	NORMAL
MRC-MW34A-03162012	MRC-MW34A	20120316	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	17	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW-34A-032816	MRC-MW34A	20160328	--	--	--	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.56 U	16	0.49 U	--	0.29 U	NORMAL
MRC-MW-34A-041315	MRC-MW34A	20150413	--	0.2 U	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	0.2 U	14	0.2 U	1.1 U	0.32 U	NORMAL
MRC-MW34A-042011	MRC-MW34A	20110420	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	19	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW34A-051214	MRC-MW34A	20140512	--	0.2 UJ	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	0.2 U	14	0.2 U	1.1 U	0.32 U	NORMAL
MRC-MW34A-061510	MRC-MW34A	20100615	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	15	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW34A-072808	MRC-MW34A	20080728	5 U	1 U	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	23	1 U	2 U	1 U	NORMAL
MRC-MW34A-082509	MRC-MW34A	20090825	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	20	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW34A-110607	MRC-MW34A	20071106	--	1 U	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	20	1 U	2 U	1 U	NORMAL
MRC-MW34A-20130315	MRC-MW34A	20130315	0.067 U	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	20	0.21 UJ	0.19 U	0.22 U	NORMAL
MRC-MW34B-031517	MRC-MW34B	20170315	--	--	--	0.3 U	0.23 U	--	0.24 U	--	0.8 J	0.31 U	14	0.5 U	--	1.5	NORMAL
MRC-MW34B-040312	MRC-MW34B	20120403	--	0.13 U	7.3 J	0.29 U	0.13 U	--	0.28 U	--	1.6	0.19 U	21	0.21 U	0.19 UR	2.7	NORMAL
MRC-MW-34B-041315	MRC-MW34B	20150413	--	0.2 U	11 U	0.3 U	0.2 U	--	0.53 U	--	0.94 J	0.2 U	15	0.2 U	1.1 U	2.2	NORMAL
MRC-MW-34B-041916	MRC-MW34B	20160419	--	--	--	0.31 U	0.23 U	--	0.52 U	0.52	0.97 J	0.56 U	15	0.49 U	--	2.3	NORMAL
MRC-MW34B-050211	MRC-MW34B	20110502	--	0.13 U	9.3 J	0.29 U	0.13 U	--	0.28 U	--	1.3	0.19 U	21	0.21 U	0.19 U	2.4	NORMAL
MRC-MW-34B-051115	MRC-MW34B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW34B-051214	MRC-MW34B	20140512	--	0.2 UJ	11 U	0.3 U	0.2 U	--	0.53 U	--	1.1	0.2 U	16	0.2 U	1.1 U	2.2	NORMAL
MRC-MW34B-061710	MRC-MW34B	20100617	--	0.13 U	31 L	0.29 U	0.13 U	--	0.28 U	--	1.9	0.19 U	25	0.21 U	0.19 U	3.8	NORMAL
MRC-MW34B-073108	MRC-MW34B	20080731	5 U	1 U	18 L	1 U	1 U	--	2 U	--	1.6	1 U	27	1 U	2 U	4.2	NORMAL
MRC-MW34B-082509	MRC-MW34B	20090825	--	0.13 U	21 L	0.29 U	0.13 U	--	0.28 U	--	1.7	0.19 U	28	0.21 U	0.19 U	3.5	NORMAL
MRC-MW34B-102405	MRC-MW34B	20051024	--	1 U	52 L	1 U	0.4 J	31	3 U	--	2	1 U	32	2 U	1 U	7	NORMAL
MRC-MW34B-110807	MRC-MW34B	20071108	--	1 U	35 L	1 U	1 U	--	2 U	--	1.9	1 U	35	1 U	2 UJ	4.5	NORMAL
MRC-MW34B-20130321	MRC-MW34B	20130321	0.067 U	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	19	0.21 U	0.19 UR	2.7	NORMAL
MRC-MW34C-031517	MRC-MW34C	20170315	--	--	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.31 U	0.33 U	0.5 U	--	0.45 U	NORMAL
MRC-MW34C-040312	MRC-MW34C	20120403	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 U	0.19 UR	0.22 U	NORMAL
MRC-MW-34C-041315	MRC-MW34C	20150413	--	0.2 U	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	0.2 U	0.22 U	0.2 U	1.1 U	0.32 U	NORMAL

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURANS	DISSOLVED METALS (UG/L)												
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
			DIOXINS/FURANS	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED
			MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	0.094 B	0.88 B	16.7	0.014 B	0.0061 U	0.25 B	0.13 B	0.051 U	1.1 U	0.071 B	9.7	0.1 U	0.12 U	0.64 B
MRC-MW34C-103105	MRC-MW34C	20051031	--	4.11 U	3.45 U	62.1	0.35 UL	0.4 U	81.2	1.12 U	1.74 UL	--	2.3 B	--	0.07 B	14.6	1.6 B
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	0.38 B	1 UL	27.7	0.95	0.22 B	2.2 B	20.6	0.42 B	--	0.27 B	--	0.02 U	0.2 U	32.9
MRC-MW36-111505	MRC-MW36A	20051115	--	4.11 U	3.45 UL	31.6	0.35 UL	0.4 U	1.01 U	29.3	1.74 U	--	1.65 UJ	--	0.02 U	2 U	44.6
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	--	0.055 B	0.44 B	25.4	2.8	0.093 B	0.36 B	33.6	2 K	13.6 B	0.22 B	49.3	0.1 U	0.12 U	47
MRC-MW36A-082609	MRC-MW36A	20090826	--	0.06 B	0.21 U	30.6	3.4	0.074 B	0.32 B	41.5	3.2 B	121 B	0.19 B	43.6	0.1 U	0.2 U	53.2
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	--	0.11 B	1 UL	72	3.5	0.62 B	1.6 B	79	3.5	--	0.57 B	--	0.11 B	0.2 U	95.2
MRC-MW37-111405	MRC-MW37A	20051114	--	4.11 U	3.45 U	62.1	4.3 B	0.4 U	1.01 U	64	6.4 B	--	1.8	--	0.12 B	2 U	77.3
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	2 U	0.35	35	1.4	0.34	0.42 B	17	1.8 B	263	0.31 B	117	0.2 U	2 U	16.9
MRC-MW37A-082709	MRC-MW37A	20090827	--	0.055 U	0.21 U	33.8	1.5	0.12 B	0.34 B	17.2	1.4 B	36.3 B	0.2 B	112	0.1 U	0.2 U	15.9
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43-061505	MRC-MW43A	20050615	--	0.24 B	1 UL	26.6	1.2	0.05 U	0.8 B	12.4	1.6 B	--	0.05 UL	--	0.02 U	0.7 B	20.8
MRC-MW43-111505	MRC-MW43A	20051115	--	4.11 U	3.45 UL	30.3	0.35 UL	0.4 U	1.01 U	24.6	1.74 U	--	1.65 UJ	--	0.02 U	2 U	33.8
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	--	0.13 B	0.64 B	28.5	1.3 B	0.062 B	0.47 B	33	0.36 B	3730	0.087 B	762	0.1 U	0.12 U	30.8
MRC-MW43A-082109	MRC-MW43A	20090821	--	0.055 U	0.21 U	29.5	0.77	0.049 B	0.095 B	36.6	0.56 B	4950	0.074 B	830	0.1 U	0.2 U	34.6
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY
								FILTERED (0.10) METALS (UG/L)									
			DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	0.19 B	0.0026 U	0.11 U	10	1.9 B	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	3.59 UL	1.1 B	6.13 U	24.2 B	1.8 B	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	1.2 U	0.05 UL	0.25 UL	0.75 B	56.8	--	--	--	--	--	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	3.59 U	1.04 U	6.13 UL	1.36 U	63.6	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	0.24 B	0.0026 U	0.11 U	0.69	79.2	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	0.28	0.033 U	0.12 U	0.6 U	83.9	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	1.2 U	0.05 UL	0.3 B	0.35 UL	136	--	--	--	--	--	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	3.59 UL	1.04 U	7.4 B	1.36 U	118	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	0.26 B	1 U	1 U	0.7	43.3	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	0.47	0.033 U	0.12 U	0.6 U	31.7 B	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43-061505	MRC-MW43A	20050615	1.2 U	0.05 UL	0.25 UL	0.35 U	92.6	--	--	--	--	--	--	--	--	--	--
MRC-MW43-111505	MRC-MW43A	20051115	3.59 U	1.04 U	6.13 UL	1.36 U	42.8	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	0.16 B	0.015 B	0.11 U	1	46.8	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	0.14 U	0.033 U	0.12 U	0.6 U	52.5	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER
																	FILTER
			FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	0.14 B	1.1	12	0.02 U	0.014 U	2.5	0.013 U	0.15 B
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	0.048 U	0.4 B	26.1	2.4	0.091 B	0.21 B	32.2	1.7 B
MRC-MW37-062105	MRC-MW37A	20050621	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	--	--	--	0.39 B	0.27 U	41.8	3.5	0.22 B	0.9 B	38.8	3.5
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43-061505	MRC-MW43A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43-111505	MRC-MW43A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	0.048 U	0.36 B	21.4	0.75	0.034 B	0.054 U	27	0.31 B

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	LED (0.45) METALS (UG/L)														
			LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
			FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	--	0.92 J	0.55 J	40.6	0.23 J	0.13 U
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	0.027 U	0.63 B	31	0.11 B	0.025 U
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	--	--	--	--	--	--	--	--	0.11 B	0.87 B	17.4	0.045 B	0.017 B
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	--	--	--	--	--	--	--	--	4.11 U	3.45 U	62.1 J	0.35 UL	0.4 U
MRC-MW34C-110807	MRC-MW34C	20071108	0.015 U	0.1 UL	1.6 B	0.98	1.6 U	0.021 U	0.023 U	49.9	1.7 B	--	0.12 B	0.85 L	12.6	0.027 B	0.047 B
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	--	--	--	--	--	--	--	--	0.45 B	1 UL	29.9	1	0.05 UL
MRC-MW36-111505	MRC-MW36A	20051115	--	--	--	--	--	--	--	--	--	--	4.11 U	3.45 UL	32.4	0.35 UL	0.4 U
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	--	--	--	--	--	--	0.13 U	0.64 J	32	3.3	0.13 U
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	--	--	--	--	--	--	0.13 U	0.56 J	30.3	3 L	0.13 U
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	--	--	--	--	--	--	0.57 B	1.8 J	51	3.4	0.073 B
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	--	--	--	--	--	--	--	--	0.059 B	0.47 B	25.8	2.6	0.072 B
MRC-MW36A-082609	MRC-MW36A	20090826	--	--	--	--	--	--	--	--	--	--	0.088 B	0.21 U	33.5	3.6	0.08 B
MRC-MW36A-102507	MRC-MW36A	20071025	0.23	0.1 U	5 B	44.3	1.6 U	0.021 UL	0.023 U	0.25 U	68.3	--	0.062 B	0.42 B	28.6	2.4	0.086 B
MRC-MW37-062105	MRC-MW37A	20050621	--	--	--	--	--	--	--	--	--	--	0.11 B	1 UL	71.2	3.4	0.7 B
MRC-MW37-111405	MRC-MW37A	20051114	--	--	--	--	--	--	--	--	--	--	4.11 U	3.45 U	59.3	4.2 B	0.4 U
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	--	--	--	--	--	--	--	2.8	2.1 J	40	0.4 U	0.33 U
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	--	--	--	--	--	--	0.22 B	2.3 J	63	1.3 K	0.16 J
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	0.16 U	1.3 J	35	0.52 U	0.13 U
MRC-MW-37A-041816-	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	0.16 U	1.35	36.5	0.525 U	0.12 U
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	0.16 U	1.4 J	38	0.53 U	0.11 U
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	31.5	0.51 J	0.13 U
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	--	--	--	--	--	--	0.74 U	1.7 J	46	0.39 J	0.37 U
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	--	--	--	--	--	--	0.14 B	0.31 B	32.4	0.84 J	0.14 B
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	--	--	--	0.288 U	1.7 U	59.6	0.571 J	0.289 J
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	--	--	--	--	--	--	--	--	0.043 B	0.88	36.7	1.5	0.28
MRC-MW37A-082709	MRC-MW37A	20090827	--	--	--	--	--	--	--	--	--	--	0.072 B	0.21 U	32	1.5	0.16 B
MRC-MW37A-110607	MRC-MW37A	20071106	0.33	0.1 U	7	35.2	1.6 UL	0.021 U	0.023 U	0.25 U	68	--	0.14 B	0.27 U	42.1	3.5	0.22
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	--	--	--	--	--	--	--	--	0.3 U	0.9 U	45	0.43 J	0.1 U
MRC-MW-43-061505	MRC-MW43A	20050615	--	--	--	--	--	--	--	--	--	--	0.31 B	1 UL	27.1	1.2	0.05 U
MRC-MW43-111505	MRC-MW43A	20051115	--	--	--	--	--	--	--	--	--	--	4.11 U	3.45 UL	28.6	0.35 UL	0.4 U
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	--	--	--	--	--	--	--	--	0.37 B	0.9 J	37	1.4	0.46 J
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	39.6	1.2	0.13 U
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	--	--	--	--	--	--	0.027 U	0.16 U	37.9	1.6	0.06 B
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	--	--	--	--	--	--	--	--	0.19 B	0.53 B	28	1.4 B	0.086 B
MRC-MW43A-082109	MRC-MW43A	20090821	--	--	--	--	--	--	--	--	--	--	0.055 U	0.21 U	31.3	0.7	0.065 B
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	0.14	0.1 U	5.2 B	23	1.6 U	0.021 UL	0.023 U	0.25 U	33.8	--	0.048 U	0.27 U	21.9	0.87	0.027 B

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)														
			CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE
			METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	7.7	3.6	6.9	--	1.9	--	--	0.1 U	0.093 UL	8	--	1.2 U	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	3.8	1.4	3.3 B	2220	0.6 J	--	38.2	0.1 U	0.27 U	4.1	--	0.13 U	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	0.8 B	0.34 B	0.41 B	306	0.21 B	--	11.3	0.1 U	0.12 U	1.4 B	--	0.14 U	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	--	89.7	1.12 U	1.74 UL	--	2.7 B	--	--	0.07 B	15.4	5.3 B	--	3.59 UL	--	--
MRC-MW34C-110807	MRC-MW34C	20071108	--	2.7 J	0.4 J	1 B	--	0.22 J	--	--	0.1 UL	0.66 UL	1.8 J	--	1.6 U	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	4.3 B	19.1	6.9	--	1.3 B	--	--	0.04 B	1.1 B	30.3	--	1.2 U	--	--
MRC-MW36-111505	MRC-MW36A	20051115	--	1.01 U	30.7	1.74 U	--	1.65 UJ	--	--	0.02 U	2 U	45.8	--	3.59 U	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	3400 J	0.71 U	44	3.1 B	160 J	0.18 J	4500 J	32	0.12 U	0.093 U	49	610 J	0.57 U	--	19000
MRC-MW36A-050211	MRC-MW36A	20110502	--	0.88 J	41.9	3.1 B	573 J	0.18 UL	--	35.2	0.12 U	0.093 U	48.5	586 J	1.2 UL	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	--	12	38.4	10.6	13400	3.5	--	81.2	0.1 U	0.46 J	52.8	2260	0.64 J	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	--	1.4 B	30.4	2.8 B	1180	0.49 B	--	43.4	0.1 U	0.12 U	41.5	--	0.3 B	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	--	0.24 B	46.1	2.9 B	215	0.21 B	--	42.1	0.1 U	0.39 B	56.5	966 K	0.26	--	--
MRC-MW36A-102507	MRC-MW36A	20071025	--	0.33 B	34.1	1.9 B	--	0.17	--	--	0.1 U	0.66 U	46.9	--	1.6 U	--	--
MRC-MW37-062105	MRC-MW37A	20050621	--	2.1 B	80	3.8	--	0.36 B	--	--	0.24 B	0.2 U	96.2	--	1.2 U	--	--
MRC-MW37-111405	MRC-MW37A	20051114	--	1.2 B	62.1	4.7 B	--	1.65 U	--	--	0.21 B	2 U	73.4	--	3.59 UL	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	120000	1.8 U	2.1	2.4	690 J	1.1	24000	15	0.13 U	0.89 U	2.3	7300 J	5.6	--	3800 J
MRC-MW37A-040312	MRC-MW37A	20120403	45000	5.1	6.3	6.7	5400	4.4	9200	66	0.12 U	0.24 B	5	5600	1.4 J	--	20000
MRC-MW-37A-041816	MRC-MW37A	20160418	91000	0.87 J	2.4	0.75 U	630	0.6 U	18000	14 U	0.09 U	0.23 U	2.5	6300	7.5	--	5100
MRC-MW-37A-041816-	MRC-MW37A	20160418	94000	0.92	2.5	0.5775	665	0.62 U	18500	11	0.09 U	0.23 U	2.6	6500	7.7	--	5250
MRC-MW-37A-041816-D	MRC-MW37A	20160418	97000	0.97 J	2.6	0.78 J	700	0.64 U	19000	15	0.09 U	0.23 U	2.7	6700	7.9	--	5400
MRC-MW37A-050211	MRC-MW37A	20110502	--	1.1 J	3.9	1.8 B	794 J	0.58 J	--	40.1	0.12 U	0.83 B	3 K	4350 K	1.2 UL	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	--	2.3	3.7 J	1.9 U	560	1.1 J	--	28	0.17 U	0.74 U	3.4 J	--	4.4 J	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	--	0.91 J	10	2.2 B	630	0.037 B	--	77	0.1 U	0.27 U	8.9	4340	0.38 B	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	--	6 U	5	5.6	5600	4.5	--	57.8	0.024 U	0.169 J	6.2	--	1.4 J	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	2.4	16.2	3.2 B	2150	1.1	--	115	0.2 U	2 U	16.6 L	--	0.26 B	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	--	0.45 B	15.6	1.5 B	352	0.35 B	--	108	0.1 U	0.2 U	14.4	5070	0.34	--	--
MRC-MW37A-110607	MRC-MW37A	20071106	--	0.4 B	39.7	3.6	--	0.19 B	--	--	0.1 U	0.66 U	36.1	--	1.6 UL	--	--
MRC-MW37A-20130326	MRC-MW37A	20130326	43000	0.9 U	3.2	0.54 J	510	0.45 J	8400	33	0.12 U	0.2 U	1.9 J	5100	0.58 J	--	6400
MRC-MW-43-061505	MRC-MW43A	20050615	--	0.99 B	12.7	0.86 B	--	0.05 UL	--	--	0.02 U	1.4 B	20.1	--	1.2 U	--	--
MRC-MW43-111505	MRC-MW43A	20051115	--	1.4	26	1.74 U	--	1.65 UJ	--	--	0.02 U	2 U	36.8	--	3.59 U	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	4200 J	0.71 U	43	0.55 B	5500	0.53 J	2900 J	960	0.12 U	0.65 B	43	3700 J	0.92 J	--	14000
MRC-MW43A-041311	MRC-MW43A	20110413	--	0.71 U	45.7	3.4 B	3140	0.25 J	--	924	0.12 U	0.093 U	50.3	3470	1.2 U	--	--
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	0.26 B	40.3	0.8 B	5120	0.11 B	--	878	0.1 U	0.27 U	38.9	4920	0.13 U	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	--	0.76 B	32.4	0.27 B	5180	0.22 B	--	722	0.1 U	0.12 U	31.4	--	0.3 B	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	--	0.22 B	39.8	0.28 B	8570	0.12 B	--	942	0.1 U	0.2 U	38.9	5590	0.14 U	--	--
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	0.054 U	26.7	0.14 B	--	0.015 U	--	--	0.1 U	0.66 U	22	--	1.6 U	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SILVER	SODIUM	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MICROBIOLOGICAL (CELLS/ML)				
													BAV1 VC R-DASE	DEHALOBACTER	DEHALOCOCCOIDES	TCE R-DASE	VC R-DASE
			METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	0.08 U	--	0.13 U	--	--	--	--	--	8.4 J	28.7 B	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	0.015 UL	--	0.13 U	--	--	--	--	--	8.1 J	11.4 B	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	0.0026 U	--	0.11 U	--	--	--	--	--	12	3.6 B	--	--	--	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	1.04 U	--	6.13 U	--	--	--	--	--	22 B	1.9 B	--	--	--	--	--
MRC-MW34C-110807	MRC-MW34C	20071108	0.021 UL	--	0.023 U	--	--	--	--	--	48.2	5.9 B	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	0.05 B	--	0.25 UL	--	--	--	--	--	3.9	46.7	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	1.04 U	--	6.13 UL	--	--	--	--	--	1.36 U	60.6	--	--	--	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	0.08 U	18000	0.14 U	--	--	--	--	--	0.48 J	65	--	--	--	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	0.08 U	--	0.14 U	--	--	--	--	--	1.5 J	67.8	--	--	--	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	0.015 U	--	0.29 B	--	--	--	--	--	22.2	92	--	--	--	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	0.0026 U	--	0.11 U	--	--	--	--	--	2.7	73.6	--	--	--	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	0.033 U	--	0.12 U	--	--	--	--	--	0.6 U	88.5	--	--	--	--	--
MRC-MW36A-102507	MRC-MW36A	20071025	0.021 UL	--	0.023 U	--	--	--	--	--	0.68 B	69.9	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	0.05 UL	--	0.46 B	--	--	--	--	--	0.62 B	138 J	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	1.04 U	--	7.1 B	--	--	--	--	--	1.36 U	108	--	--	--	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	0.033 U	15000	0.28 U	--	--	--	--	--	2 J	13 U	--	--	--	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	0.08 U	15000	0.26 B	--	--	--	--	--	7.3 J	38 B	--	--	--	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	0.02 U	18000	0.074 U	--	--	--	--	--	1.4 J	9.9 U	--	--	--	--	--
MRC-MW-37A-041816-	MRC-MW37A	20160418	0.02 U	19000	0.074 U	--	--	--	--	--	1.45	10.45 U	--	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	0.02 U	20000	0.074 U	--	--	--	--	--	1.5 J	11 U	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	0.08 U	--	0.14 U	--	--	--	--	--	1.3 J	22.5 B	--	--	--	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	0.74 U	--	0.3 U	--	--	--	--	--	2.8	--	--	--	--	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	0.015 U	--	0.13 U	--	--	--	--	--	1.2 J	25.6 B	--	--	--	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	0.038 U	--	0.057 J	--	--	--	--	--	10	--	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	1 U	--	1 U	--	--	--	--	--	3.7	43.7	--	--	--	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	0.033 U	--	0.12 U	--	--	--	--	--	0.6 U	28.3	--	--	--	--	--
MRC-MW37A-110607	MRC-MW37A	20071106	0.021 U	--	0.023 U	--	--	--	--	--	0.25 U	69.1	--	--	--	--	--
MRC-MW37A-20130326	MRC-MW37A	20130326	0.1 UL	17000	0.2 U	--	--	--	--	--	0.8 U	6.4 J	--	--	--	--	--
MRC-MW-43-061505	MRC-MW43A	20050615	0.05 UL	--	0.25 UL	--	--	--	--	--	0.35 U	24.9 J	--	--	--	--	--
MRC-MW43-111505	MRC-MW43A	20051115	1.04 U	--	6.13 UL	--	--	--	--	--	1.36 U	50.2	--	--	--	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	0.02 U	0.02 U	0.02 U	0.02 U	0.025 J	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	0.08 U	27000	0.75 B	--	--	--	--	--	0.62 J	62	--	--	--	--	--
MRC-MW43A-041311	MRC-MW43A	20110413	0.08 UL	--	0.14 U	--	--	--	--	--	0.44 U	79.3	--	--	--	--	--
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	0.015 U	--	0.13 U	--	--	--	--	--	0.43 U	62.6	--	--	--	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	0.059 B	--	0.17 B	--	--	--	--	--	0.68	47.9	--	--	--	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	0.033 U	--	0.12 U	--	--	--	--	--	0.6 U	58.2	--	--	--	--	--
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	0.021 UL	--	0.023 U	--	--	--	--	--	0.25 U	34.1	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)														
			ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON	HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE	NITRITE-N
			MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	0.0003 K	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	0.0001 U	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	--	--	--	--	--	--	--	--	--	--	0.025 U	--	--	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	10	--	0.077 B	--	--	--	--	16 K	--	--	--	--	0.19	--	0.012 U
MRC-MW36A-050211	MRC-MW36A	20110502	4.4 J	--	0.06 J	--	--	--	--	19.8 K	--	2	1E-05 U	--	0.31	--	0.012 U
MRC-MW36A-060310	MRC-MW36A	20100603	7.4	--	0.1 U	--	--	--	--	19.8	--	3	--	--	0.2 J	--	0.012 UJ
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	7.4 B	--	0.1 U	--	--	--	--	27.1	--	2	--	--	0.3	--	0.012 U
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	--	--	--	--	--	--	--	--	--	--	0.025 U	--	--	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	84	0.87 U	--	--	--	--	--	13	--	3.3	--	--	2.5	--	0.038 U
MRC-MW37A-040312	MRC-MW37A	20120403	31	--	0.08 B	--	--	--	--	85 K	--	--	--	--	1.1	--	0.012 U
MRC-MW-37A-041816	MRC-MW37A	20160418	70	--	0.87 U	--	--	--	--	16	--	3.2	--	--	4.4	--	0.038 U
MRC-MW-37A-041816-	MRC-MW37A	20160418	67	--	0.87 U	--	--	--	--	16.5	--	3.2	--	--	4.45	--	0.038 U
MRC-MW-37A-041816-D	MRC-MW37A	20160418	64	--	0.87 U	--	--	--	--	17	--	3.2	--	--	4.5	--	0.038 U
MRC-MW37A-050211	MRC-MW37A	20110502	25	--	0.07 J	--	--	--	--	8.4	--	3	4E-05 J	--	1	--	0.012 U
MRC-MW-37A-050415	MRC-MW37A	20150504	39	--	0.054 U	--	--	--	--	33.2	--	2.8	--	--	6.7	--	0.044 U
MRC-MW37A-060710	MRC-MW37A	20100607	28	--	0.1 U	--	--	--	--	5	--	3	--	--	0.4	--	0.012 U
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	0.046 J	--	--	60.6	--	--	--	3.9	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	38.7	--	--	--	9.6	9.6	1 U	0.3 U
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	17 B	--	0.1 U	--	--	--	--	4.7	--	3	--	--	0.7	--	0.012 U
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	--	--	--	5	--	--	--	--	1.2	--	0.1 U
MRC-MW37A-20130326	MRC-MW37A	20130326	33	--	0.066 B	--	--	--	--	73 K	--	2.9	--	--	0.95	--	0.012 U
MRC-MW-43-061505	MRC-MW43A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43-111505	MRC-MW43A	20051115	--	--	--	--	--	--	--	--	--	--	0.025 U	--	--	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	21	--	0.037 B	--	--	--	--	50	--	--	--	--	0.056 J	--	0.012 U
MRC-MW43A-041311	MRC-MW43A	20110413	12	0.05 J	--	--	--	--	--	53.9 K	--	1	--	--	0.069 J	--	0.012 U
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	16	--	0.1 U	--	--	--	--	58.9	--	1	--	--	0.1	--	0.012 U
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	29	--	0.1	--	--	--	--	45.4	--	1	--	--	0.023 U	--	0.012 U
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL PHOSPHORUS-P	TOTAL SUSPENDED SOLIDS	PH	BROMIDE
			MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	S.U.	UG/L
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	0.0004 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	0.17 J	--	--	--	--	45	86	--	--	--	--	--	--	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	0.28 J	0.0004 U	--	--	--	31.1	110	--	--	--	--	--	--	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	1.2 J	--	--	--	--	18.9	100	--	--	--	--	--	--	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	0.044 UL	--	--	--	--	25.1	110	--	--	--	--	--	--	--	--
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	0.014 J	--	--	--	--	360	640	--	--	--	--	--	--	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	0.044 U	--	--	--	--	60	280	--	--	--	--	--	--	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	0.019 J	--	0.2 J	--	--	250	480	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-	MRC-MW37A	20160418	0.0108	--	0.185	--	--	250	485	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	0.005 U	--	0.17 J	--	--	250	490	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	0.044 U	0.0004 U	--	--	--	66.9	130	--	--	--	--	--	--	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	0.0025 U	--	--	--	--	241	530	--	--	--	--	--	--	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	0.2 J	--	--	--	--	67.4	150	--	--	--	--	--	--	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	3.25	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	0.062	--	--	--	--	185	422	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	0.044 U	--	--	--	--	56.9	120	--	--	--	--	--	--	--	--
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	--	54	120	--	3	--	--	--	4 U	--	--
MRC-MW37A-20130326	MRC-MW37A	20130326	0.044 U	--	--	--	--	63	230	--	--	--	--	--	--	--	--
MRC-MW-43-061505	MRC-MW43A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43-111505	MRC-MW43A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	0.25 J	--	--	--	--	5.9	150	--	--	--	--	--	--	--	--
MRC-MW43A-041311	MRC-MW43A	20110413	0.044 U	--	--	--	--	5.4	130	--	--	--	--	--	--	--	--
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	0.3 J	--	--	--	--	4.8	140	--	--	--	--	--	--	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	1.1 J	--	--	--	--	5.4	140	--	--	--	--	--	--	--	--
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	S PARAMETERS	PCB HOMOLOGS (UG/L)														
			PERCHLORATE	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS
			MISCELLANEOUS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS,	PCB HOMOLOGS,	PCB HOMOLOGS,
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	--	0.07 U	0.0054 U	0.03 U	0.015 U	0.0056 U	0.049 UJ	0.038 U	--	0.014 U	0.013 U	0.0065 U	--	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43-061505	MRC-MW43A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43-111505	MRC-MW43A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	0.07 U	0.061 J	0.03 U	0.023 J	0.26	0.049 U	0.038 U	--	0.2	0.05 J	0.007 J	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	0.072	0.011 U	0.062	0.22	0.019 U	0.0084 U	0.018 U	0.18	0.041	0.017 U	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	0.034	0.012 J	0.054	0.23	0.019 U	0.0084 U	0.018 U	0.23	0.048	0.012	0.0055	0.011 U	0.01 U
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-090616	MRC-MW43A	20160906	--	0.07 U	0.039 J	0.03 U	0.015 U	0.13	0.049 U	0.038 U	--	0.13 J	0.03 J	0.0065 U	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCB HOMOLOGS, FILTERED (UG/L)															
			MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232
			PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43-061505	MRC-MW43A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	0.5 UJ	0.5 UJ	0.5 UJ	
MRC-MW43-111505	MRC-MW43A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	0.095 U	0.17 U	0.13 U	
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	--	--	--	--	--	--	--	--	--	--	0.17 U	0.13 U	0.16 U	
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	--	--	--	--	--	--	--	--	--	--	0.17 U	0.13 U	0.16 U	
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	0.5 UJ	0.5 UJ	0.5 UJ	
MRC-MW-43A-041714	MRC-MW43A	20140417	0.026	0.019 U	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.0034 U	--	--	--	--	--	--	--	--	
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCBS (UG/L)														
			AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	BETA-BHC	CHLORDANE (TECHNICAL)	DECACHLOROBIPHENYL	DELTA-BHC	DICHLOROBIPHENYLS	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43-061505	MRC-MW43A	20050615	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43-111505	MRC-MW43A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	0.11 U	0.095 U	0.12 J	0.076 U	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	0.22 U	0.099 U	0.16 U	0.17 U	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-041311	MRC-MW43A	20110413	0.22 U	0.1 U	0.24 J	0.17 U	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041415	MRC-MW43A	20150414	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ENDRIN	ENDRIN ALDEHYDE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43-061505	MRC-MW43A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	0 U	--
MRC-MW43-111505	MRC-MW43A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	0.12	0.458
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	0.5 UJ	2.25
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE			PETROLEUM HYDROCARBONS		PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)						
			TOXAPHENE	TRICHLOROBIPHENYLS	OIL & GREASE - HEM	OIL & GREASE-SGT-HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235
			PCBS (UG/L)	PCBS (UG/L)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
			UG/L	UG/L	MG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	--	--	--	230 J	160 L	--	--	--	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	--	--	--	--	--	240	--	280	--	--	--	--	--	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	--	--	--	--	--	350	290	--	--	--	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	--	--	--	--	--	220	--	190	--	--	--	--	--	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43-061505	MRC-MW43A	20050615	--	--	--	--	--	1800 J	--	--	--	--	--	--	--	--	--
MRC-MW43-111505	MRC-MW43A	20051115	--	--	--	--	--	1500	--	--	--	--	--	--	--	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	0.0075 U	0.0752 U	0 U	2.27 U	--	1.13 U	-7E-04 U
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE				SEMIVOLATILE											
			URANIUM-235/236	URANIUM-236	URANIUM-238	1,4-DIOXANE	1,1-BIPHENYL	1,2,4-TRICHLOROBENZENE	1,2-DIPHENYLHYDRAZINE	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE
			RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILE	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	--	--	--	--	--	2 UL	--	--	--	--	--	--	--
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	--	--	--	--	--	--	--	2 UL	--	--	--	--	--	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	--	--	--	--	--	--	--	2 UL	--	--	--	--	--	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	--	--	--	--	0.057 U	--	--	--	--	--	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43-061505	MRC-MW43A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43-111505	MRC-MW43A	20051115	--	--	--	--	--	--	--	2 UL	--	--	--	--	--	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	0.0078 U	0.0084	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	--	--	--	--	--	0.49 U	--	--	--	--	--	--	--
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43-061505	MRC-MW43A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43-111505	MRC-MW43A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)														
			4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZIDINE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
			SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43-061505	MRC-MW43A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43-111505	MRC-MW43A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43-061505	MRC-MW43A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43-111505	MRC-MW43A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43-061505	MRC-MW43A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43-111505	MRC-MW43A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)										VC
			PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL-	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE	DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	SILANOL, TRIMETHYL-	ETHANE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILE GASES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36-111505	MRC-MW36A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-040312	MRC-MW36A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.26 U
MRC-MW36A-050211	MRC-MW36A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.26 UJ
MRC-MW36A-060310	MRC-MW36A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.26 U
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW36A-082609	MRC-MW36A	20090826	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.27 U
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-062105	MRC-MW37A	20050621	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37-111405	MRC-MW37A	20051114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.14 U
MRC-MW37A-040312	MRC-MW37A	20120403	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.26 U
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.14 U
MRC-MW-37A-041816-	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.14 U
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.14 U
MRC-MW37A-050211	MRC-MW37A	20110502	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.26 UJ
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.23 U
MRC-MW37A-060710	MRC-MW37A	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.26 U
MRC-MW37A-061314	MRC-MW37A	20140613	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.2 U
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-082709	MRC-MW37A	20090827	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.27 U
MRC-MW37A-110607	MRC-MW37A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.5 U
MRC-MW37A-20130326	MRC-MW37A	20130326	--	--	--	--	--	--	--	--	--	2.6 NJ	--	--	--	--	0.1 U
MRC-MW-43-061505	MRC-MW43A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43-111505	MRC-MW43A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.4 J
MRC-MW43A-041311	MRC-MW43A	20110413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.6 J
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.36 J
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-082109	MRC-MW43A	20090821	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.34 J
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILE GASES (UG/L)														
			ETHENE	METHANE	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE
			VOLATILE GASES	VOLATILE GASES	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	0.44 U	0.22 U	0.24 U	0.45 UJ	0.3 U	0.45 U	--	--	--	--	0.32 UJ	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	--	0.22 U	0.36 U	0.25 U	--	0.31 UJ	0.2 U	0.57 U	0.29 U	0.82 U	0.7 U	--	0.23 U	0.2 U
MRC-MW34C-061710	MRC-MW34C	20100617	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW34C-073108	MRC-MW34C	20080731	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
MRC-MW34C-103105	MRC-MW34C	20051031	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW34C-110807	MRC-MW34C	20071108	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
MRC-MW34C-20130321	MRC-MW34C	20130321	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 UJ	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW-36-060905	MRC-MW36A	20050609	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	29	1 U	1 U	200	1 U
MRC-MW36-111505	MRC-MW36A	20051115	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	18	1 U	1 U	140	1 U
MRC-MW36A-040312	MRC-MW36A	20120403	0.31 U	17	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	5.5 J	0.43 U	0.0059 U	37 J	0.12 U
MRC-MW36A-050211	MRC-MW36A	20110502	0.31 UJ	9.2 J	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	5.3	0.43 U	0.0059 U	36	0.12 U
MRC-MW36A-060310	MRC-MW36A	20100603	0.31 U	21	0.58 U	0.55 U	0.45 U	--	0.7 U	0.38 U	0.48 U	0.32 U	16	1.1 U	0.015 U	91	0.3 U
MRC-MW36A-073108	MRC-MW36A	20080731	--	--	2 U	2 U	2 U	--	2 U	2 U	2 U	2 U	8.1	2 U	10 U	55	2 U
MRC-MW36A-082609	MRC-MW36A	20090826	0.24 U	14	0.46 U	0.44 U	0.36 U	--	0.56 U	0.3 U	0.38 U	0.26 U	9.4	0.86 U	0.012 U	62	0.24 U
MRC-MW36A-102507	MRC-MW36A	20071025	--	--	2 U	2 U	2 U	--	2 U	2 U	2 U	2 U	9	2 U	10 U	69	2 U
MRC-MW37-062105	MRC-MW37A	20050621	--	--	1 U	1 U	1 U	--	3	1 U	1 U	1 U	0.4 B	1 U	1 U	2 B	1 U
MRC-MW37-111405	MRC-MW37A	20051114	--	--	10 U	10 U	10 U	--	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MRC-MW37A-032917	MRC-MW37A	20170329	0.13 U	0.08 U	--	0.23 U	0.32 U	0.34 U	0.41 U	0.25 U	0.27 U	--	--	--	--	0.27 UJ	--
MRC-MW37A-040312	MRC-MW37A	20120403	0.31 U	0.11 J	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW-37A-041816	MRC-MW37A	20160418	0.13 U	0.081 J	--	0.55 U	0.28 U	0.3 U	0.56 U	0.38 U	0.56 U	--	--	--	--	0.4 U	--
MRC-MW-37A-041816-	MRC-MW37A	20160418	0.13 U	0.0825	--	0.55 U	0.28 U	0.3 U	0.56 U	0.38 U	0.56 U	--	--	--	--	0.4 U	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	0.13 U	0.084 J	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	0.31 UJ	0.12 J	1.5 U	1.5 U	1.2 U	--	1.9 U	1 U	1.3 U	0.87 U	1.1 U	2.9 U	0.039 U	1 U	0.8 U
MRC-MW-37A-050415	MRC-MW37A	20150504	0.4 U	0.34 U	--	0.22 U	0.34 U	0.33 U	0.26 U	0.28 U	0.29 U	--	0.93 U	--	--	0.82 U	--
MRC-MW37A-060710	MRC-MW37A	20100607	0.31 U	0.47 J	0.58 U	0.55 U	0.45 U	--	0.7 U	0.38 U	0.48 U	0.32 U	0.42 U	1.1 U	0.015 U	0.38 U	0.3 U
MRC-MW37A-061314	MRC-MW37A	20140613	0.11 U	0.21 U	0.22 U	0.36 U	0.25 U	--	0.31 U	0.2 U	0.57 U	0.29 U	0.82 U	0.7 U	--	0.23 U	0.2 U
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	--	3.3 U	3.3 U	3.3 U	--	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	17 U	3.3 U	3.3 U
MRC-MW37A-082709	MRC-MW37A	20090827	0.24 U	0.39 J	5.8 U	5.5 U	4.5 U	--	7 U	3.8 U	4.8 U	3.2 U	4.2 U	11 U	0.15 U	3.8 U	3 U
MRC-MW37A-110607	MRC-MW37A	20071106	0.5 U	0.34 J	12 U	12 U	12 U	--	12 U	12 U	12 U	12 U	12 U	12 U	62 U	12 U	12 U
MRC-MW37A-20130326	MRC-MW37A	20130326	0.37 U	0.12 B	0.58 U	0.55 U	0.45 U	--	0.7 U	0.38 U	0.48 U	0.33 U	0.43 U	1.1 U	0.015 U	0.38 U	0.3 U
MRC-MW-43-061505	MRC-MW43A	20050615	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1800	1 U	1 U	10000	1 U
MRC-MW43-111505	MRC-MW43A	20051115	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	920	1 U	1 U	4200	1 U
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	1300	--	--	5300	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	--	11 UJ	18 UJ	13 UJ	--	16 UJ	10 UJ	29 UJ	15 UJ	1700 J	35 UJ	--	8000 J	10 UJ
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	1500	--	--	4700	--
MRC-MW43A-040212	MRC-MW43A	20120402	0.31 U	30	58 U	55 U	45 U	--	70 U	38 U	48 U	33 U	1400	110 U	1.5 U	6700	30 U
MRC-MW43A-041311	MRC-MW43A	20110413	0.67 J	38 J	77 U	73 U	60 U	--	93 U	50 U	63 U	43 U	1900	140 U	2 U	9400	40 U
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	0.31 U	36	120 U	110 U	90 U	--	140 U	75 U	95 U	65 U	2000	220 U	3 U	11000	60 U
MRC-MW43A-073108	MRC-MW43A	20080731	--	--	330 U	330 U	330 U	--	330 U	330 U	330 U	330 U	1800	330 U	1700 U	8800	330 U
MRC-MW43A-082109	MRC-MW43A	20090821	0.27 J	39	77 U	73 U	60 U	--	93 U	50 U	63 U	43 U	2000	140 U	2 U	8800	40 U
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	--	250 U	250 U	250 U	--	250 U	250 U	250 U	250 U	1700	250 U	1200 U	7900	250 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRICHLOROBENZENE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	1,4-DIOXANE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-34C-041916	MRC-MW34C	20160419	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	--	0.27 U	--	--	0.53 U	--	--
MRC-MW34C-050511	MRC-MW34C	20110505	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	0.74 U	0.24 U	0.21 U	0.36 U	0.2 U	--	--	0.2 U	0.27 U	0.2 U	--	0.27 U	0.81 U	0.44 UJ	0.2 U
MRC-MW34C-061710	MRC-MW34C	20100617	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW34C-073108	MRC-MW34C	20080731	2 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	5 U	1 U
MRC-MW34C-103105	MRC-MW34C	20051031	1 U	1 U	2	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 UR	1 U	1 U
MRC-MW34C-110807	MRC-MW34C	20071108	2 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	5 U	1 U
MRC-MW34C-20130321	MRC-MW34C	20130321	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW-36-060905	MRC-MW36A	20050609	1 U	1 U	12	5 U	1 U	--	--	68	1 U	60	100 UR	1 U	5 UR	1 U	1 U
MRC-MW36-111505	MRC-MW36A	20051115	1 U	1 U	10	1 U	1 U	--	--	69	1 U	64	--	1 U	5 U	1 U	1 U
MRC-MW36A-040312	MRC-MW36A	20120403	0.67 U	0.24 U	2.5	0.22 U	0.18 U	--	--	14	0.16 U	15	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW36A-050211	MRC-MW36A	20110502	0.67 U	0.24 U	2.1	0.22 U	0.18 U	--	--	12	0.16 U	13	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW36A-060310	MRC-MW36A	20100603	1.7 U	0.6 U	4.3	0.55 U	0.45 U	--	--	22	0.4 U	25	--	0.32 U	1.4 U	2.5 U	0.28 U
MRC-MW36A-073108	MRC-MW36A	20080731	4 U	2 U	3.3	2 U	2 U	--	--	24	2 U	25	--	2 U	1.2 B	10 U	2 U
MRC-MW36A-082609	MRC-MW36A	20090826	1.3 U	0.48 U	3.9	0.44 U	0.36 U	--	--	23	0.32 U	26	--	0.26 U	1.1 U	2 U	0.22 U
MRC-MW36A-102507	MRC-MW36A	20071025	4 U	2 U	4.9	2 U	2 U	--	--	38	2 U	36	--	2 U	10 U	10 U	2 U
MRC-MW37-062105	MRC-MW37A	20050621	1 U	1 U	1 U	1 U	1 U	--	--	0.8 J	1 U	2	100 UR	1 U	5 UR	1 U	1 U
MRC-MW37-111405	MRC-MW37A	20051114	10 U	10 U	10 U	10 U	10 U	--	--	10 U	10 U	10 U	--	10 U	50 U	10 U	10 U
MRC-MW37A-032917	MRC-MW37A	20170329	0.47 U	0.23 U	0.26 U	0.3 U	0.3 U	--	--	0.32 U	--	0.23 U	--	--	1 U	--	--
MRC-MW37A-040312	MRC-MW37A	20120403	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW-37A-041816	MRC-MW37A	20160418	1 U	0.4 U	0.31 U	0.29 U	0.31 U	--	--	0.24 U	--	0.34 U	--	--	0.66 U	--	--
MRC-MW-37A-041816-	MRC-MW37A	20160418	1 U	0.4 U	0.31 U	0.29 U	0.31 U	--	--	0.24 U	--	0.34 U	--	--	0.66 U	--	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	4.5 U	1.6 U	0.87 U	1.5 U	1.2 U	--	--	0.93 U	1.1 U	0.87 U	--	0.87 U	3.8 U	6.6 U	0.73 U
MRC-MW-37A-050415	MRC-MW37A	20150504	1.5 U	0.28 U	0.38 U	0.32 U	0.24 U	--	--	0.25 U	--	0.27 U	58.9 U	--	1.8 U	--	--
MRC-MW37A-060710	MRC-MW37A	20100607	1.7 U	0.6 U	0.32 U	0.55 U	0.45 U	--	--	0.35 U	0.4 U	0.32 U	--	0.32 U	1.4 U	2.5 U	0.28 U
MRC-MW37A-061314	MRC-MW37A	20140613	0.74 U	0.24 U	0.21 U	0.36 UJ	0.2 U	--	--	0.2 U	0.27 U	0.2 U	--	0.27 U	0.81 UJ	0.44 U	0.2 U
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	6.7 U	3.3 U	3.3 U	3.3 U	3.3 U	--	--	3.3 U	3.3 U	3.3 U	--	3.3 U	2.1 B	17 U	3.3 U
MRC-MW37A-082709	MRC-MW37A	20090827	17 U	6 U	3.2 U	5.5 U	4.5 U	--	--	3.5 U	4 U	3.2 U	--	3.2 U	14 U	25 U	2.8 U
MRC-MW37A-110607	MRC-MW37A	20071106	25 U	12 U	12 U	12 U	12 U	--	--	12 U	12 U	12 U	--	12 U	62 U	62 U	12 U
MRC-MW37A-20130326	MRC-MW37A	20130326	1.7 U	0.6 U	0.33 U	0.55 U	0.45 U	--	--	0.35 U	0.4 U	0.33 U	--	0.33 U	1.4 U	2.5 U	0.28 U
MRC-MW-43-061505	MRC-MW43A	20050615	1 U	1 U	360	2	1 U	--	--	1 U	1 U	600	100 UR	1 U	5 U	1 U	1 U
MRC-MW43-111505	MRC-MW43A	20051115	1 U	1 U	290	9	1 U	--	--	1 U	1 U	400	--	1 U	5 U	1 U	1 U
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	310	--	--	83 U	--	80 U	--	350	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	37 UJ	12 UJ	400 J	18 UJ	10 UJ	--	--	10 UJ	14 UJ	480 J	--	14 UJ	41 UJ	22 UJ	10 UJ
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	310	--	--	110 U	--	48 U	--	320	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	170 U	60 U	340	55 U	45 U	--	--	35 U	40 U	430	--	33 U	140 U	250 U	28 U
MRC-MW43A-041311	MRC-MW43A	20110413	220 U	80 U	440	73 U	60 U	--	--	47 U	53 U	550	--	43 U	190 U	330 U	37 U
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	340 U	120 U	450 J	110 U	90 U	--	--	70 U	80 U	570	--	65 U	280 U	500 U	55 U
MRC-MW43A-073108	MRC-MW43A	20080731	670 U	330 U	410	330 U	330 U	--	--	330 U	330 U	510	--	330 U	230 B	1700 U	330 U
MRC-MW43A-082109	MRC-MW43A	20090821	220 U	80 U	390	73 U	60 U	--	--	47 U	53 U	490	--	43 U	190 U	330 U	37 U
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	500 U	250 U	440	250 U	250 U	--	--	250 U	250 U	520	--	250 U	1200 U	1200 U	250 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	ACROLEIN	ACRYLONITRILE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-34C-041916	MRC-MW34C	20160419	0.48 U	--	--	0.99 U	0.94 U	--	--	0.35 U	--	--	0.29 U	0.56 U	0.44 U	0.38 U	0.43 U
MRC-MW34C-050511	MRC-MW34C	20110505	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	1.7 U	0.24 U	0.2 UJ	0.67 U	1.3 U	--	--	0.2 U	0.28 U	0.32 U	0.32 U	0.42 U	0.29 U	0.22 U	0.45 U
MRC-MW34C-061710	MRC-MW34C	20100617	0.41 U	0.18 U	0.12 U	0.32 U	5.5 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW34C-073108	MRC-MW34C	20080731	5 U	1 U	1 U	5 U	5 U	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW34C-103105	MRC-MW34C	20051031	5 U	1 U	1 U	5 U	9 B	--	--	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U
MRC-MW34C-110807	MRC-MW34C	20071108	5 U	1 U	1 U	5 U	5 U	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW34C-20130321	MRC-MW34C	20130321	0.41 UJ	0.18 U	0.12 U	0.32 U	1.1 UJ	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW-36-060905	MRC-MW36A	20050609	5 U	1 U	1 U	5 U	5 UR	--	--	2	1 U	1 U	1 U	1 U	2 U	1 U	1 U
MRC-MW36-111505	MRC-MW36A	20051115	5 U	1 U	1 U	5 U	5 UR	--	--	2	1 U	1 U	1 U	1 U	2 U	1 U	1 U
MRC-MW36A-040312	MRC-MW36A	20120403	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.62 J	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW36A-050211	MRC-MW36A	20110502	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW36A-060310	MRC-MW36A	20100603	1 U	0.45 U	0.3 U	0.8 U	7.8 J	--	--	0.91 J	0.32 U	0.72 U	0.38 U	1.6 U	1 UJ	0.32 U	0.32 U
MRC-MW36A-073108	MRC-MW36A	20080731	10 U	2 U	2 U	10 U	10 U	--	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
MRC-MW36A-082609	MRC-MW36A	20090826	0.82 U	0.36 U	0.24 U	0.64 U	2.4 B	--	--	0.26 U	0.26 U	0.58 U	0.3 U	1.3 U	0.82 U	0.26 U	0.26 U
MRC-MW36A-102507	MRC-MW36A	20071025	10 U	2 U	2 U	10 U	10 U	--	--	0.96 J	2 U	2 U	2 U	2 U	2 U	2 U	2 U
MRC-MW37-062105	MRC-MW37A	20050621	5 UJ	1 U	1 U	5 UJ	5 UR	--	--	0.4 J	1 U	1 U	1 U	1 U	2 U	1 U	1 U
MRC-MW37-111405	MRC-MW37A	20051114	50 U	10 U	10 U	50 U	50 UR	--	--	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U
MRC-MW37A-032917	MRC-MW37A	20170329	1.2 U	--	--	0.71 U	1.8 U	--	--	0.28 U	--	--	0.3 U	0.43 U	0.42 U	0.34 U	0.35 U
MRC-MW37A-040312	MRC-MW37A	20120403	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW-37A-041816	MRC-MW37A	20160418	0.6 U	--	--	1.2 U	1.2 U	--	--	0.44 U	--	--	0.36 U	0.7 U	0.55 UJ	0.48 U	0.54 U
MRC-MW-37A-041816-	MRC-MW37A	20160418	0.6 U	--	--	1.2 U	1.2 U	--	--	0.44 U	--	--	0.36 U	0.7 U	0.55 UJ	0.48 U	0.54 U
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	2.7 U	1.2 U	0.8 U	2.1 U	7.3 U	--	--	0.87 U	0.87 U	1.9 U	1 U	4.3 U	2.7 U	0.87 U	0.87 U
MRC-MW-37A-050415	MRC-MW37A	20150504	1.3 U	--	--	1.5 U	3.1 U	--	--	0.23 U	--	0.32 U	0.27 U	0.4 U	0.6 J	0.23 U	0.31 U
MRC-MW37A-060710	MRC-MW37A	20100607	1 U	0.45 U	0.3 U	0.8 U	9 J	--	--	0.32 U	0.32 U	0.72 U	0.38 U	1.6 U	1 U	0.32 U	0.32 U
MRC-MW37A-061314	MRC-MW37A	20140613	1.7 UJ	0.24 U	0.2 U	0.67 UJ	2.7 J	--	--	0.2 U	0.28 U	0.32 U	0.32 U	0.42 U	0.29 U	0.22 U	0.45 U
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	17 U	3.3 U	3.3 U	17 U	6.3 B	--	--	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U
MRC-MW37A-082709	MRC-MW37A	20090827	10 U	4.5 U	3 U	8 U	28 U	--	--	3.2 U	3.2 U	7.2 U	3.8 U	16 U	10 U	3.2 U	3.2 U
MRC-MW37A-110607	MRC-MW37A	20071106	62 U	12 U	12 U	62 U	62 U	--	--	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U
MRC-MW37A-20130326	MRC-MW37A	20130326	1 U	0.45 U	0.3 U	0.8 U	2.8 U	--	--	0.33 U	0.33 U	0.73 U	0.38 U	1.6 U	1 U	0.33 U	0.33 U
MRC-MW-43-061505	MRC-MW43A	20050615	5 UJ	1 U	1 U	5 UJ	9 B	--	--	0.9 J	1 U	1 U	1 U	1 U	2 U	1 U	1 U
MRC-MW43-111505	MRC-MW43A	20051115	5 U	1 U	1 U	5 U	5 UR	--	--	1	1 U	1 U	1 U	1 U	2 U	1 U	1 U
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	83 UJ	12 UJ	10 UJ	34 UJ	62 UJ	--	--	10 UJ	15 UJ	16 UJ	16 UJ	21 UJ	15 UJ	11 UJ	23 UJ
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	100 U	45 U	30 U	80 U	280 U	--	--	33 U	33 U	73 U	38 U	160 U	100 U	33 U	33 U
MRC-MW43A-041311	MRC-MW43A	20110413	140 U	60 U	40 U	110 U	380 B	--	--	43 U	43 U	97 U	50 U	210 U	140 U	43 U	43 U
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	200 U	90 U	60 U	160 U	550 U	--	--	65 U	65 U	140 U	75 U	320 U	200 U	65 U	65 U
MRC-MW43A-073108	MRC-MW43A	20080731	1700 U	330 U	330 U	1700 U	1700 U	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
MRC-MW43A-082109	MRC-MW43A	20090821	140 U	60 U	40 U	110 U	460 B	--	--	43 U	43 U	97 U	50 U	210 U	140 U	43 U	43 U
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	1200 U	250 U	250 U	1200 U	1200 U	--	--	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)														
			CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	CYCLOHEXANE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIETHYL ETHER	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-34C-041916	MRC-MW34C	20160419	0.25 U	0.43 U	0.32 U	0.25 U	0.44 U	0.26 U	0.46 U	0.45 UJ	--	0.32 U	--	--	--	--	0.25 U
MRC-MW34C-050511	MRC-MW34C	20110505	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	0.29 U	0.31 U	0.24 U	0.25 U	0.21 U	0.3 U	0.24 U	--	0.32 U	0.46 U	--	0.2 U	0.2 U	--	0.2 U
MRC-MW34C-061710	MRC-MW34C	20100617	0.15 U	0.18 U	0.29 U	0.16 U	0.39 J	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW34C-073108	MRC-MW34C	20080731	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	5 U	--	5 U	1 U
MRC-MW34C-103105	MRC-MW34C	20051031	1 U	1 U	2 U	3	2 U	1 U	1 U	--	1 U	2 U	--	1 U	1 U	--	1 U
MRC-MW34C-110807	MRC-MW34C	20071108	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	5 U	5 U	--	1 U
MRC-MW34C-20130321	MRC-MW34C	20130321	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	--	0.11 U	0.17 U
MRC-MW-36-060905	MRC-MW36A	20050609	59	1 U	2 U	1 U	2 U	1	1 U	--	1 U	2 U	--	1 U	1 U	--	1 U
MRC-MW36-111505	MRC-MW36A	20051115	59	1 U	2 U	1 U	2 U	2	1 U	--	1 U	2 U	--	1 U	1 U	--	1 U
MRC-MW36A-040312	MRC-MW36A	20120403	25	0.18 U	0.29 U	0.16 U	0.3 U	0.38 J	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW36A-050211	MRC-MW36A	20110502	21	0.18 U	0.29 U	0.16 U	0.3 U	0.3 J	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW36A-060310	MRC-MW36A	20100603	37	0.45 U	0.72 UJ	0.4 U	0.75 U	0.63 J	0.35 U	--	0.7 U	0.78 U	--	3.8 U	0.28 UJ	--	0.42 U
MRC-MW36A-073108	MRC-MW36A	20080731	32	2 U	2 U	2 U	2 U	0.68 J	2 U	--	2 U	2 U	--	10 U	--	10 U	2 U
MRC-MW36A-082609	MRC-MW36A	20090826	34	0.36 U	0.58 U	0.32 U	0.6 U	0.6 J	0.28 U	--	0.56 U	0.62 U	--	3 U	0.22 U	--	0.34 U
MRC-MW36A-102507	MRC-MW36A	20071025	40	2 U	2 U	2 U	2 U	1.2 J	2 U	--	2 U	2 U	--	10 U	10 U	--	2 U
MRC-MW37-062105	MRC-MW37A	20050621	29	1 U	2 U	0.4 J	2 U	30	1 U	--	1 U	2 U	--	1 U	1 U	--	1 U
MRC-MW37-111405	MRC-MW37A	20051114	22	10 U	20 U	10 U	20 U	38	10 U	--	10 U	20 U	--	10 U	10 U	--	10 U
MRC-MW37A-032917	MRC-MW37A	20170329	0.32 U	0.25 U	0.41 U	0.31 U	0.43 UJ	0.3 U	0.26 U	0.44 U	--	0.5 U	--	--	--	--	0.26 U
MRC-MW37A-040312	MRC-MW37A	20120403	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW-37A-041816	MRC-MW37A	20160418	0.31 U	0.54 U	0.4 U	0.31 U	0.55 U	1.4	0.58 U	0.56 U	--	0.4 U	--	--	--	--	0.31 U
MRC-MW-37A-041816-	MRC-MW37A	20160418	0.31 U	0.54 U	0.4 U	0.31 U	0.55 U	1.4	0.58 U	0.56 U	--	0.4 U	--	--	--	--	0.31 U
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	1 U	1.2 U	1.9 U	1.1 U	2 U	2.3 J	0.93 U	--	1.9 U	2.1 U	--	10 U	0.73 U	--	1.1 U
MRC-MW-37A-050415	MRC-MW37A	20150504	0.19 U	0.45 U	0.33 U	0.21 U	0.31 U	0.84 J	0.31 U	0.29 U	--	0.33 U	--	--	--	--	0.34 U
MRC-MW37A-060710	MRC-MW37A	20100607	1.1 J	0.45 U	0.72 U	0.4 U	0.75 U	2 J	0.35 U	--	0.7 U	0.78 U	--	3.8 U	0.28 U	--	0.42 U
MRC-MW37A-061314	MRC-MW37A	20140613	0.29 U	0.31 U	0.24 U	0.25 U	0.21 U	0.3 U	0.24 U	--	0.32 U	0.46 U	--	0.2 U	0.2 U	--	0.2 U
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	1.8 J	3.3 U	3.3 U	3.3 U	3.3 U	3.3	3.3 U	--	3.3 U	3.3 U	--	17 U	--	17 U	3.3 U
MRC-MW37A-082709	MRC-MW37A	20090827	5.5 J	4.5 U	7.2 U	4 U	7.5 U	12 J	3.5 U	--	7 U	7.8 U	--	38 U	2.8 U	--	4.2 U
MRC-MW37A-110607	MRC-MW37A	20071106	11 J	12 U	12 U	12 U	12 U	21	12 U	--	12 U	12 U	--	62 U	62 U	--	12 U
MRC-MW37A-20130326	MRC-MW37A	20130326	0.38 U	0.45 U	0.73 U	0.4 U	0.75 U	1.4 J	0.35 U	--	0.7 U	0.78 UJ	--	3.8 U	--	0.28 U	0.43 U
MRC-MW-43-061505	MRC-MW43A	20050615	5	1 U	2 U	1 U	2 U	0.5 J	1 U	--	1 U	2 U	--	1 U	1 U	--	1 U
MRC-MW43-111505	MRC-MW43A	20051115	5	1 U	2 U	1 U	2 U	0.4 J	1 U	--	1 U	2 U	--	1 U	1 U	--	1 U
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	80 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	15 UJ	16 UJ	12 UJ	13 UJ	11 UJ	15 UJ	12 UJ	--	16 UJ	23 UJ	--	10 UJ	10 UJ	--	10 UJ
MRC-MW-43A-040116	MRC-MW43A	20160401	63 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	38 U	45 U	73 U	40 U	75 U	43 U	35 U	--	70 U	78 U	--	380 U	28 U	--	43 U
MRC-MW43A-041311	MRC-MW43A	20110413	50 U	60 U	97 U	53 U	100 U	57 U	47 U	--	93 U	100 U	--	500 U	37 U	--	57 U
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	75 U	90 U	140 U	80 U	150 U	85 U	70 U	--	140 U	160 U	--	750 U	55 U	--	85 U
MRC-MW43A-073108	MRC-MW43A	20080731	330 U	330 U	330 U	330 U	330 U	330 U	330 U	--	330 U	330 U	--	1700 U	--	1700 U	330 U
MRC-MW43A-082109	MRC-MW43A	20090821	50 U	60 U	97 U	53 U	100 U	57 U	47 U	--	93 U	100 U	--	500 U	37 U	--	57 U
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	250 U	250 U	250 U	250 U	250 U	250 U	250 U	--	250 U	250 U	--	1200 U	1200 U	--	250 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	FLUORODICHLOROMETHANE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	0.35 U	--	2.3 U	0.43 UJ	0.2 U	0.33 U	--	--	--	--	--	0.45 U	--
MRC-MW34C-050511	MRC-MW34C	20110505	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW34C-051214	MRC-MW34C	20140512	--	0.62 UJ	0.2 U	0.33 U	--	--	0.29 U	0.32 U	0.2 U	0.21 UJ	0.2 U	0.2 U	0.27 UJ	0.2 U	0.2 U
MRC-MW34C-061710	MRC-MW34C	20100617	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW34C-073108	MRC-MW34C	20080731	--	1 U	1 U	2 U	--	--	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
MRC-MW34C-103105	MRC-MW34C	20051031	--	1 U	1 U	2 U	--	--	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW34C-110807	MRC-MW34C	20071108	--	1 U	1 U	2 U	--	--	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
MRC-MW34C-20130321	MRC-MW34C	20130321	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	--
MRC-MW-36-060905	MRC-MW36A	20050609	--	1 U	1 U	2 U	--	--	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW36-111505	MRC-MW36A	20051115	--	1 U	1 U	2 U	--	--	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW36A-040312	MRC-MW36A	20120403	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW36A-050211	MRC-MW36A	20110502	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW36A-060310	MRC-MW36A	20100603	--	0.75 U	0.32 U	0.6 U	--	--	0.42 U	0.82 U	0.6 U	0.3 U	0.35 U	0.35 U	0.32 U	0.28 U	0.17 U
MRC-MW36A-073108	MRC-MW36A	20080731	--	2 U	2 U	4 U	--	--	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	--
MRC-MW36A-082609	MRC-MW36A	20090826	--	0.6 U	0.26 U	0.48 U	--	--	0.34 U	0.8 B	0.48 U	0.24 U	0.28 U	0.28 U	0.26 U	0.22 U	0.13 U
MRC-MW36A-102507	MRC-MW36A	20071025	--	2 U	2 U	4 U	--	--	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U
MRC-MW37-062105	MRC-MW37A	20050621	--	1 U	1 U	2 U	--	--	2 U	2 U	2 B	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW37-111405	MRC-MW37A	20051114	--	10 U	10 U	20 U	--	--	20 U	25 B	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	0.21 U	--	1.4 U	0.45 U	0.27 U	0.53 U	--	--	--	--	--	0.23 U	--
MRC-MW37A-040312	MRC-MW37A	20120403	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	0.44 U	--	2.8 U	0.54 U	0.25 U	0.41 U	--	--	--	--	--	0.56 U	--
MRC-MW-37A-041816-	MRC-MW37A	20160418	--	--	0.44 U	--	2.8 U	0.54 U	0.25 U	0.41 U	--	--	--	--	--	0.56 U	--
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-050211	MRC-MW37A	20110502	--	2 U	0.87 U	1.6 U	--	--	1.1 U	2.2 U	1.6 U	0.8 U	0.93 U	0.93 U	0.87 U	0.73 U	0.45 U
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	0.22 U	0.52 U	0.32 UR	0.3 U	0.33 U	0.45 U	--	--	--	0.33 U	--	0.24 U	--
MRC-MW37A-060710	MRC-MW37A	20100607	--	0.75 U	0.32 U	0.6 U	--	--	0.42 U	0.82 U	0.6 U	0.3 U	0.35 U	0.35 U	0.32 U	0.28 U	0.17 U
MRC-MW37A-061314	MRC-MW37A	20140613	--	0.62 U	0.2 U	0.33 U	--	--	0.29 UJ	0.32 U	0.2 U	0.21 U	0.2 U	0.2 U	0.27 U	0.2 U	0.2 U
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW37A-073008	MRC-MW37A	20080730	--	3.3 U	3.3 U	6.7 U	--	--	17 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	--
MRC-MW37A-082709	MRC-MW37A	20090827	--	7.5 U	3.2 U	6 U	--	--	4.2 U	14 B	6 U	3 U	3.5 U	3.5 U	3.2 U	2.8 U	1.7 U
MRC-MW37A-110607	MRC-MW37A	20071106	--	12 U	12 U	25 U	--	--	62 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	62 U
MRC-MW37A-20130326	MRC-MW37A	20130326	--	0.75 U	0.33 U	0.6 U	--	--	0.43 U	0.83 U	0.6 U	0.3 U	0.35 U	0.35 U	0.33 U	0.28 U	--
MRC-MW-43-061505	MRC-MW43A	20050615	--	1 U	1 U	2 U	--	--	2 U	2 U	6 B	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW43-111505	MRC-MW43A	20051115	--	1 U	1 U	2 U	--	--	2 U	2 U	6	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-032014	MRC-MW43A	20140320	--	31 UJ	10 UJ	17 UJ	--	--	15 UJ	16 UJ	12 U	11 UJ	10 UJ	10 UJ	14 UJ	10 UJ	10 UJ
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-040212	MRC-MW43A	20120402	--	75 U	33 U	60 U	--	--	43 U	83 U	60 U	30 U	35 U	35 U	33 U	28 U	17 U
MRC-MW43A-041311	MRC-MW43A	20110413	--	100 U	43 U	80 U	--	--	57 U	110 U	80 U	40 U	47 U	47 U	43 U	37 U	22 U
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-060210	MRC-MW43A	20100602	--	150 U	65 U	120 U	--	--	85 U	160 U	120 U	60 U	70 U	70 U	65 U	55 U	34 U
MRC-MW43A-073108	MRC-MW43A	20080731	--	330 U	330 U	670 U	--	--	1700 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	--
MRC-MW43A-082109	MRC-MW43A	20090821	--	100 U	43 U	80 U	--	--	57 U	110 U	80 U	40 U	47 U	47 U	43 U	37 U	22 U
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW43A-102507	MRC-MW43A	20071025	--	250 U	250 U	500 U	--	--	1200 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	1200 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	
MRC-MW-34C-041916	MRC-MW34C	20160419	--	--	--	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.56 U	0.22 U	0.49 U	--	0.29 U	NORMAL
MRC-MW34C-050511	MRC-MW34C	20110505	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW34C-050911	MRC-MW34C	20110509	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW34C-051214	MRC-MW34C	20140512	--	0.2 UJ	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	0.2 U	0.22 U	0.2 U	1.1 U	0.32 U	NORMAL
MRC-MW34C-061710	MRC-MW34C	20100617	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW34C-073108	MRC-MW34C	20080731	5 U	1 U	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	1 U	1 U	2 U	1 U	NORMAL
MRC-MW34C-103105	MRC-MW34C	20051031	--	1 U	5 UR	1 U	1 U	2 U	3 U	--	1 U	1 U	1 U	2 U	1 U	2 U	NORMAL
MRC-MW34C-110807	MRC-MW34C	20071108	--	1 U	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	1 U	1 U	2 UJ	1 U	NORMAL
MRC-MW34C-20130321	MRC-MW34C	20130321	0.067 U	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 U	0.19 UR	0.22 U	NORMAL
MRC-MW-36-060905	MRC-MW36A	20050609	--	1 U	5 UR	1 U	1 U	1 J	3 U	--	1 U	1 U	9	2 U	1 U	2 U	NORMAL
MRC-MW36-111505	MRC-MW36A	20051115	--	1 U	5 UR	1 U	1 U	2	3 U	--	1 U	1 U	12	2 U	1 U	2 U	NORMAL
MRC-MW36A-040312	MRC-MW36A	20120403	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	3.5	0.21 U	0.19 UR	0.22 U	NORMAL
MRC-MW36A-050211	MRC-MW36A	20110502	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	2.6	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW36A-060310	MRC-MW36A	20100603	--	0.32 U	9.8 UR	0.72 U	0.32 U	--	0.7 U	--	0.48 U	0.48 U	4.4	0.52 UJ	0.48 U	0.55 U	NORMAL
MRC-MW36A-073108	MRC-MW36A	20080731	10 U	2 U	40 UR	2 U	2 U	--	4 U	--	2 U	2 U	4.5	2 U	4 U	2 U	NORMAL
MRC-MW36A-082609	MRC-MW36A	20090826	--	0.26 U	7.8 UR	0.58 U	0.26 U	--	0.56 U	--	0.38 U	0.38 U	4.2	0.42 U	0.38 U	0.44 U	NORMAL
MRC-MW36A-102507	MRC-MW36A	20071025	--	2 U	40 UR	2 U	2 U	--	4 U	--	2 U	2 U	8.1	2 U	4 U	2 U	NORMAL
MRC-MW37-062105	MRC-MW37A	20050621	--	1 U	5 UR	1 U	1 U	30	3 U	--	1 U	1 U	960	2 U	1 U	1 J	NORMAL
MRC-MW37-111405	MRC-MW37A	20051114	--	10 U	50 UR	10 U	10 U	38	30 U	--	10 U	10 U	1100	20 U	10 U	20 U	NORMAL
MRC-MW37A-032917	MRC-MW37A	20170329	--	--	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.31 U	4.5	0.5 U	--	0.45 U	NORMAL
MRC-MW37A-040312	MRC-MW37A	20120403	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	6.9	0.21 U	0.19 UR	0.22 U	NORMAL
MRC-MW-37A-041816	MRC-MW37A	20160418	--	--	--	0.39 U	0.29 U	--	0.65 U	0.65	0.38 U	0.7 U	46	0.61 UJ	--	0.36 U	NORMAL
MRC-MW-37A-041816-	MRC-MW37A	20160418	--	--	--	0.39 U	0.29 U	--	0.65 U	0.65	0.38 U	0.7 U	46	0.61 UJ	--	0.36 U	NORMAL
MRC-MW-37A-041816-D	MRC-MW37A	20160418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW37A-050211	MRC-MW37A	20110502	--	0.87 U	26 UR	1.9 U	0.87 U	--	1.9 U	--	1.3 U	1.3 U	190	1.4 U	1.3 U	1.5 U	NORMAL
MRC-MW-37A-050415	MRC-MW37A	20150504	--	--	--	0.35 U	0.23 U	--	--	--	0.26 U	0.29 U	33	0.24 U	--	0.3 U	NORMAL
MRC-MW37A-060710	MRC-MW37A	20100607	--	0.32 U	9.8 UR	0.72 U	0.32 U	--	0.7 U	--	0.48 U	0.48 U	83	0.52 U	0.48 U	0.55 U	NORMAL
MRC-MW37A-061314	MRC-MW37A	20140613	--	0.2 U	11 UJ	0.3 U	0.2 U	--	0.53 U	--	0.33 U	0.2 U	0.35 J	0.2 U	1.1 UJ	0.32 U	NORMAL
MRC-MW37A-061814	MRC-MW37A	20140618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW37A-073008	MRC-MW37A	20080730	17 U	3.3 U	67 UR	3.3 U	3.3 U	--	6.7 U	--	3.3 U	3.3 U	130	3.3 U	6.7 U	3.3 U	NORMAL
MRC-MW37A-082709	MRC-MW37A	20090827	--	3.2 U	98 UR	7.2 U	3.2 U	--	7 U	--	4.8 U	4.8 U	600	5.2 U	4.8 U	5.5 U	NORMAL
MRC-MW37A-110607	MRC-MW37A	20071106	--	12 U	250 UR	12 U	12 U	--	25 U	--	12 U	12 U	630	12 U	25 U	12 U	NORMAL
MRC-MW37A-20130326	MRC-MW37A	20130326	0.17 U	0.33 U	9.8 UR	0.73 U	0.33 U	--	0.7 U	--	0.48 U	0.48 U	78	0.53 U	0.48 UR	0.55 U	NORMAL
MRC-MW-43-061505	MRC-MW43A	20050615	--	1 U	5 UR	0.5 J	0.3 J	2 U	3 U	--	1 U	1 U	1 B	3	1 U	2 U	NORMAL
MRC-MW43-111505	MRC-MW43A	20051115	--	1 U	5 UR	0.8 J	0.3 B	2 U	3 U	--	1 U	1 U	2	3	1 U	2 U	NORMAL
MRC-MW43A-021517	MRC-MW43A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW43A-031517	MRC-MW43A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW43A-032014	MRC-MW43A	20140320	--	10 UJ	540 UJ	15 UJ	10 UJ	--	27 UJ	--	17 UJ	10 UJ	11 UJ	10 UJ	51 UJ	16 UJ	NORMAL
MRC-MW-43A-040116	MRC-MW43A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW43A-040212	MRC-MW43A	20120402	--	33 U	980 UR	73 U	33 U	--	70 U	--	48 U	48 U	43 U	53 U	48 UR	55 U	NORMAL
MRC-MW43A-041311	MRC-MW43A	20110413	--	43 U	1300 UR	97 U	43 U	--	93 U	--	63 U	63 U	57 U	70 U	63 U	73 U	NORMAL
MRC-MW-43A-041415	MRC-MW43A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-43A-041714	MRC-MW43A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW43A-060210	MRC-MW43A	20100602	--	65 U	2000 UR	140 U	65 U	--	140 U	--	95 U	95 U	85 U	100 U	95 U	110 U	NORMAL
MRC-MW43A-073108	MRC-MW43A	20080731	1700 U	330 U	6700 UR	330 U	330 U	--	670 U	--	330 U	330 U	330 U	330 U	670 U	330 U	NORMAL
MRC-MW43A-082109	MRC-MW43A	20090821	--	43 U	1300 UR	97 U	43 U	--	93 U	--	63 U	63 U	57 U	70 U	63 U	73 U	NORMAL
MRC-MW-43A-090616	MRC-MW43A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW43A-102507	MRC-MW43A	20071025	--	250 U	5000 UR	250 U	250 U	--	500 U	--	250 U	250 U	250 U	250 U	500 U	250 U	NORMAL

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURANS	DISSOLVED METALS (UG/L)												
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
			DIOXINS/FURANS	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED
			MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	0.46 B	1 U	43.9	0.05 U	0.14 B	2.2	1.2	0.22 B	--	0.05 U	--	0.02 U	0.51 B	1.5
MRC-MW44-111505	MRC-MW44A	20051115	--	4.11 U	3.45 UL	81.4	0.35 UL	0.4 U	1.8	1.12 U	1.74 U	--	1.65 UJ	--	0.02 U	2 U	1.7
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-073108	MRC-MW44A	20080731	--	0.041 B	3.2 B	88	0.053 B	0.0061 UL	1.2 B	1	0.11 B	36600	0.12 B	426	0.1 U	0.12 U	0.78 B
MRC-MW44A-080509	MRC-MW44A	20090805	--	0.13 B	1.1 K	134	0.051	0.027 B	0.67	0.47 B	0.11 K	16700	0.12 B	268	0.1 U	0.2 U	0.37 B
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	--	0.036 B	1.4 B	21.8	5.5	0.039 B	0.41 B	12.4	0.13 B	684	0.1 B	153	0.1 U	0.12 U	81.6
MRC-MW62A-102805	MRC-MW62A	20051028	--	4.11 U	3.45 U	379	31.7	0.73 B	3.5 B	140	26.5 B	--	6.6 B	--	0.02 U	2.1 B	768
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	0.12 B	0.58 B	89.8	0.025 B	0.02 B	0.14 B	14.5	0.051 U	10700	0.066 B	674	0.1 U	0.12 U	23.8
MRC-MW62C-102805	MRC-MW62C	20051028	--	4.11 U	3.45 U	47.2	0.35 UL	0.4 U	1.4 B	1.12 U	1.74 UL	--	1.65 UL	--	0.02 U	2.7 B	3.3 B
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	2 U	0.2	57	0.017 B	0.01 B	0.087 B	1.3	0.41 B	146	0.054 B	36.4	0.2 U	2 U	2.5
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY
								FILTERED (0.10) METALS (UG/L)									
			DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	1.2 U	0.05 UL	0.25 UL	0.6 B	3.6 B	--	--	--	--	--	--	--	--	--	--
MRC-MW44-111505	MRC-MW44A	20051115	3.59 U	1.04 U	6.13 UL	1.4	14.6	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-073108	MRC-MW44A	20080731	0.17 B	0.0026 U	0.11 U	0.58	21.4 B	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	0.26 K	0.033 U	0.12 U	0.65	3.6 B	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	0.14 U	0.0026 U	0.11 U	0.5	65	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	3.59 UL	1.4 B	6.13 U	4.88 U	592 J	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	--	--	--	0.051 B	0.66	17.4	4.5	0.026 B	0.36 B	13.8	0.52	0.26	0.1 U
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	0.14 U	0.019 B	0.11 U	0.46 U	4.8 B	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	3.59 UL	1.04 U	6.13 U	5.9 B	1.4 B	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	0.33 B	1 U	1 U	0.55	6.9 B	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER
			FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44-111505	MRC-MW44A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	0.048 U	3.6	87.8	0.052 B	0.014 U	1.4	1.1	0.22 B
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	0.66 U	63.1	1.6 UL	0.021 U	0.023 U	0.25 U	65.9	0.057 B	0.74	16.9	4.3	0.014 U	0.29 B	11	0.18
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	0.049 B	0.51	75	0.02 U	0.014 U	0.13 B	19.8	0.046 U
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	0.083 B	0.27 U	59.8	0.097	0.13 B	0.19 B	2.6	0.45 B
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	LED (0.45) METALS (UG/L)														
			LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
			FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	--	--	--	--	--	--	--	--	--	0.93 B	1.1 L	99.4	0.1 B	0.05 U
MRC-MW44-111505	MRC-MW44A	20051115	--	--	--	--	--	--	--	--	--	--	4.11 U	3.45 UL	78.5	0.35 UL	0.4 U
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	--	0.13 U	1.7 J	110	0.2 U	0.13 U
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	--	0.13 U	2.9 J	105	0.2 U	0.13 U
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	0.095 B	1.6 J	102	0.12 B	0.025 UL
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	--	--	--	--	--	--	--	--	0.07 B	3.2 K	91.4	0.061 B	0.009 B
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	--	--	--	--	--	--	--	--	0.15	1.1 K	133	0.047	0.027 B
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	0.015 U	0.1 U	4.6 B	1.4	6	0.021 UL	0.023 U	1.1 B	4.4 B	--	0.058 B	3.8	91.5	0.045 B	0.014 U
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	4.8	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	0.33 J	2.1 J	41	6.7	0.13 U
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	0.342 U	1.2	67.5	2.2	0.021 U
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	0.28 J	3.4 J	82.7	1.7	0.13 U
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	--	--	--	--	--	--	--	--	0.048 B	1.4 K	22.2	5.8	0.037 B
MRC-MW62A-102805	MRC-MW62A	20051028	--	--	--	--	--	--	--	--	--	--	4.11 U	3.45 U	358 J	29.8	0.66 B
MRC-MW62A-110607	MRC-MW62A	20071106	0.42	0.1 U	5.9	61.9	1.6 UL	0.021 U	0.023 U	0.25 U	57.9	--	0.056 B	0.67	17.2	4.4	0.017 B
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	0.3 U	0.9 U	44	6.1	0.1 U
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	0.091 J	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	--	0.17 J	2.5 J	92	0.46 J	0.13 U
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	0.304 U	0.359 U	89.9	0.09 J	0.021 U
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	70.5	0.2 U	0.13 U
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	0.4 B	1.2 J	42.5	0.0059 U	0.025 U
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	--	--	--	--	--	--	--	--	0.13 B	1.2 K	144	0.095 B	0.045 B
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	--	--	--	--	--	--	--	--	4.11 U	3.45 U	70.9 J	0.35 UL	0.4 U
MRC-MW62C-110807	MRC-MW62C	20071108	0.041 B	0.1 UL	3.4 B	20.3	1.6 U	0.021 U	0.023 U	0.25 U	3.5 B	--	0.44 B	3.9 L	322	0.34	0.014 U
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	0.3 U	2 J	120	0.59 J	0.1 U
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	0.13 U	0.54 J	55	0.2 U	0.13 U
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	53.8	0.2 U	0.13 U
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	0.12 B	0.16 U	40.9	0.042 B	0.025 U
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	--	--	--	--	--	--	--	--	2 U	0.3	56.9	0.02 B	0.02 B
MRC-MW72A-111207	MRC-MW72A	20071112	0.1 B	0.1 U	0.66 U	3.7	1.6 U	0.021 UL	0.023 U	0.25 U	9.2 B	--	0.43 B	0.55	65.5	0.11	0.14 B
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)													
			CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE
			METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	2.5 B	2	1.3	--	0.38 B	--	--	0.02 B	1.2 B	2.1 B	--	1.2 U	--	--
MRC-MW44-111505	MRC-MW44A	20051115	--	2	1.3	1.74 U	--	1.65 UJ	--	--	0.02 U	2 U	1.53 U	--	3.59 U	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	1.1 J	1	0.29 U	--	0.18 U	--	--	0.12 UL	0.093 U	0.45 J	--	0.57 U	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	1.7 B	0.9 J	0.29 U	--	0.18 UL	--	--	0.12 U	0.093 U	1.2 J	--	1.2 U	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	1.4 J	0.89 J	0.46 B	33200	0.13 B	--	363	0.1 U	0.27 U	0.44 B	--	0.13 UL	--	--
MRC-MW44A-073108	MRC-MW44A	20080731	--	1.5 B	1	0.35 B	36800	0.23 B	--	449	0.1 U	0.14 B	0.79 B	--	0.2 B	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	--	0.77	0.51 B	0.19 K	16700	0.16 B	--	264	0.1 U	0.2 U	0.34 K	--	0.16 K	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	1.4	1.1	0.28 B	--	0.015 U	--	--	0.1 U	0.66 U	1.3	--	5.5	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	20.1	--	--	--	--	--	0.024 U	--	100	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	0.71 U	17	0.43 J	--	0.18 U	--	--	0.12 U	0.58 B	100	--	0.57 U	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	0.476 U	17.4	0.779 J	2760	0.271 U	--	700	0.04 U	0.48 U	52.6	5450	0.233 J	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	0.74 J	17.8	3.4 B	--	0.64 J	--	--	0.12 U	0.36 J	66.1	--	1.2 U	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	--	0.28 B	12.8	0.6 B	718	0.2 B	--	157	0.1 U	0.12 U	82.5	--	0.14 U	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	--	3.5 B	132	24.4 B	--	5.5 B	--	--	0.02 U	2 U	723	--	3.59 UL	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	--	0.45 B	11.1	0.5	--	0.39	--	--	0.1 U	0.66 U	61.4	--	1.6 UL	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	--	1.1 J	22	1.9 B	--	0.2 U	--	--	0.1 U	0.41 B	110	--	0.5 U	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	12	--	--	--	--	--	0.024 U	--	21.6	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	4.3	140	1.1 J	--	0.25 J	--	--	0.12 U	0.21 B	260	--	0.57 U	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	0.933 U	44.5	0.354 J	23500	0.271 U	--	1310	0.04 U	0.145 U	76.4	15300	0.177 U	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	2.1	13.5	0.76 B	--	0.2 J	--	--	0.12 U	0.093 U	21.8	--	1.2 U	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	1.5 J	15.7	1.7 B	2450	0.49 J	--	388	0.1 U	0.62 B	24.5	--	0.13 U	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	4.7	30.1	0.77 B	22900	0.67 B	--	1280	0.1 U	0.12 U	49.8	--	0.14 U	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	--	4.6 B	19.5	1.74 UL	--	2.8 B	--	--	0.02 U	2.2 B	30.2	--	3.59 UL	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	124 J	141 J	4.1	--	1.5 J	--	--	0.1 UL	0.66 UL	178 J	--	1.6 U	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	--	4.9	82	2 B	--	0.27 J	--	--	0.1 U	0.2 B	110	--	0.5 U	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	0.71 UL	1	0.49 J	--	0.18 U	--	--	0.12 U	0.093 U	2.3	--	0.57 U	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	0.71 U	0.76 J	1.2 B	--	0.18 J	--	--	0.12 U	0.093 U	1.9 J	--	1.2 U	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	0.21 B	0.97 J	0.2 B	468	0.019 UL	--	20.4	0.1 U	0.27 U	1.4 B	--	0.44 J	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	0.27 B	1.4	0.56 B	218	0.14 B	--	37.1	0.2 U	2 U	2.7 L	--	0.5 B	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	0.27 B	2.8	0.55 B	--	0.16 B	--	--	0.1 U	0.72 B	4.4	--	1.6 U	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	1100	--	--	43	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SILVER	SODIUM	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MICROBIOLOGICAL (CELLS/ML)				
													BAV1 VC R-DASE	DEHALOBACTER	DEHALOCOCCOIDES	TCE R-DASE	VC R-DASE
			METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	0.05 UL	--	0.25 UL	--	--	--	--	--	1.8	7.4 B	--	--	--	--	--
MRC-MW44-111505	MRC-MW44A	20051115	1.04 U	--	6.13 UL	--	--	--	--	--	1.6	26.1	--	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	0.02 U	0.02 U	0.02 U	0.02 U	0.082	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	0.08 U	--	0.14 B	--	--	--	--	--	0.74 J	13 B	--	--	--	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	0.08 U	--	0.14 U	--	--	--	--	--	1.2 J	12.1 B	--	--	--	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	0.015 U	--	0.13 U	--	--	--	--	--	1.2 J	69.8 B	--	--	--	--	--
MRC-MW44A-073108	MRC-MW44A	20080731	0.005 B	--	0.11 U	--	--	--	--	--	0.79	83.2	--	--	--	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	0.033 U	--	0.19 B	--	--	--	--	--	0.98	19 K	--	--	--	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	0.021 UL	--	0.023 U	--	--	--	--	--	1.4 B	7.5 B	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	0.02 U	0.02 U	0.02 U	0.02 U	1.1	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	0.08 U	--	0.51 B	--	--	--	--	--	0.44 U	50	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	0.062 U	--	0.024 U	--	--	--	--	--	0.432 U	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	0.08 U	--	0.14 U	--	--	--	--	--	0.48 J	34.1 B	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	0.012 B	--	0.11 U	--	--	--	--	--	0.46 U	65.6	--	--	--	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	1.5 B	--	6.13 U	--	--	--	--	--	4.88 U	554	--	--	--	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	0.021 U	--	0.023 U	--	--	--	--	--	0.25 U	58.4	--	--	--	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	0.1 U	--	0.2 U	--	--	--	--	--	0.8 U	89	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	0.08 U	--	0.27 B	--	--	--	--	--	0.44 U	180	--	--	--	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	0.062 U	--	0.056 U	--	--	--	--	--	0.432 U	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	0.08 U	--	0.14 U	--	--	--	--	--	0.44 UL	25.1 B	--	--	--	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	0.015 U	--	0.13 U	--	--	--	--	--	8.4 J	53.8	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	0.021 B	--	0.16 B	--	--	--	--	--	0.46 U	22.4 B	--	--	--	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	1.04 U	--	6.13 U	--	--	--	--	--	4.88 U	37.4 K	--	--	--	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	0.055 B	--	0.023 U	--	--	--	--	--	0.25 U	60.5	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	0.1 U	--	0.2 U	--	--	--	--	--	0.8 U	69	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	0.08 U	--	0.14 U	--	--	--	--	--	0.44 U	5.6 B	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	0.08 U	--	0.14 U	--	--	--	--	--	0.44 U	13 J	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	0.015 U	--	0.13 U	--	--	--	--	--	0.43 U	26.2 B	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	1 U	--	1 U	--	--	--	--	--	20 U	8.4 B	--	--	--	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	0.021 UL	--	0.023 U	--	--	--	--	--	0.25 U	10.8 B	--	--	--	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	0.5 U	0.3 J	0.5 U	0.5 U	0.5 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)														
			ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON	HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE	NITRITE-N
			MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44-111505	MRC-MW44A	20051115	--	--	--	--	--	--	--	--	--	--	0.025 U	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	--	--	--	--	--	--	--	--	--	--	0.025 U	--	--	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	10	--	--	--	0.019 U	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL PHOSPHORUS-P	TOTAL SUSPENDED SOLIDS	PH	BROMIDE
			MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOU
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	S.U.	UG/L
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44-111505	MRC-MW44A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	3.5	54	--	0.32 J	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	S PARAMETERS	PCB HOMOLOGS (UG/L)														
			PERCHLORATE	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS
			MISCELLANEOUS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44-111505	MRC-MW44A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	0.069 U	0.0053 U	0.03 U	0.015 U	0.0055 U	0.048 U	0.037 U	--	0.014 U	0.013 U	0.0064 U	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	0.0044 U	0.011 U	0.01 UJ	0.0017 U	0.019 U	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.0034 U	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	0.0044 U	0.011 U	0.01 U	0.0017 U	0.019 U	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.0034 U	0.0044 U	0.011 U	0.01 U	
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	0.067 U	0.0052 U	0.029 U	0.014 U	0.0054 U	0.047 U	0.036 U	--	0.013 U	0.012 U	0.0062 U	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	0.069 U	0.0053 U	0.03 U	0.015 U	0.0055 U	0.048 U	0.037 U	--	0.014 U	0.013 U	0.0064 U	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	0.0044 U	0.011 U	0.01 UJ	0.0017 U	0.019 U	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.042	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	0.067 UJ	0.0052 U	0.029 U	0.014 U	0.0053 U	0.047 UJ	0.036 UJ	--	0.013 U	0.012 U	0.0062 U	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	0.018 U	0.0044 U	0.011 U	0.01 U	0.0017 U	0.019 U	0.0084 U	--	0.0088 U	0.014 U	0.0048 J	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	0.0044 U	0.011 U	0.01 U	0.0017 U	0.019 U	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.0034 U	0.0052	0.011 U	0.01 U	
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	0.069 U	0.0053 U	0.03 U	0.015 U	0.0055 U	0.048 U	0.038 U	--	0.014 U	0.013 U	0.0064 U	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	0.0044 U	0.011 U	0.01 UJ	0.0017 U	0.019 U	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.0065 U	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	0.067 UJ	0.0052 U	0.029 U	0.014 U	0.0053 U	0.047 UJ	0.036 UJ	--	0.013 U	0.012 U	0.0062 U	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	0.018 U	0.0044 U	0.011 U	0.01 U	0.0017 U	0.019 U	0.0084 U	--	0.0088 U	0.0054 U	0.0034 U	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	0.0044 U	0.011 U	0.01 U	0.0017 U	0.019 U	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.0034 U	0.0044 U	0.011 U	0.01 U	
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCB HOMOLOGS, FILTERED (UG/L)															
			MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232
			PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	0.17 U	0.13 U	0.16 U
MRC-MW-44-061505	MRC-MW44A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	0.5 UL	0.5 UL	0.5 UL
MRC-MW44-111505	MRC-MW44A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	--	--	--	0.16 U	0.12 U	0.15 U
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	0.048 U	0.086 U	0.067 U
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	--	--	--	0.17 U	0.13 U	0.16 U
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	0.48 UJ	0.48 UJ	0.48 UJ
MRC-MW-44A-041714	MRC-MW44A	20140417	0.0017 U	0.019 U	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.0034 U	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	0.16 U	0.12 U	0.15 U
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	0.17 U	0.13 U	0.16 U
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	0.0017 U	0.019 U	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.0034 U	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	0.17 U	0.13 U	0.16 U
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	0.16 U	0.13 U	0.15 U
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	0.16 U	0.12 U	0.15 U
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	0.0017 U	0.019 U	0.0084 U	0.018 U	0.0088 U	0.0054 U	0.0034 U	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	--	--	--	0.17 U	0.13 U	0.16 U
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	0.17 U	0.13 U	0.16 U
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCBS (UG/L)														
			AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	BETA-BHC	CHLORDANE (TECHNICAL)	DECACHLOROBIPHENYL	DELTA-BHC	DICHLOROBIPHENYLS	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW43A-20130318	MRC-MW43A	20130318	0.22 U	0.098 U	0.16 U	0.17 U	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	0.5 UL	0.5 UL	0.5 UL	0.5 UL	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44-111505	MRC-MW44A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	0.21 U	0.095 U	0.15 U	0.16 U	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	0.057 U	0.048 U	0.029 U	0.073 J	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	0.22 U	0.1 U	0.16 U	0.17 U	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	0.48 UJ	0.48 UJ	0.48 UJ	0.48 UJ	0.48 UJ	0.48 UJ	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	0.21 U	0.095 U	0.15 U	0.16 U	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	0.22 U	0.099 U	0.16 U	0.17 U	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	0.22 U	0.1 U	0.16 U	0.17 U	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	0.21 U	0.096 U	0.15 U	0.16 U	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	0.21 U	0.095 U	0.15 U	0.16 U	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	0.22 U	0.1 U	0.16 U	0.17 U	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	0.22 U	0.098 U	0.16 U	0.17 U	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ENDRIN	ENDRIN ALDEHYDE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	0 U	--
MRC-MW44-111505	MRC-MW44A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	0.073	0.2405
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	0.48 UJ	2.16
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE			PETROLEUM HYDROCARBONS		PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)						
			TOXAPHENE	TRICHLOROBIPHENYLS	OIL & GREASE - HEM	OIL & GREASE-SGT-HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235
			PCBS (UG/L)	PCBS (UG/L)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
			UG/L	UG/L	MG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	--	--	--	--	10 UJ	--	--	--	--	--	--	--	--	--
MRC-MW44-111505	MRC-MW44A	20051115	--	--	--	--	--	12	--	--	--	--	--	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	0.0584 U	0.155 U	0 U	1.93 U	--	-0.236 U	0.0015 U
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	-0.059 U	0.124 U	-0.011 U	0.617 U	--	1.27 U	0.0184
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	--	--	--	--	--	510	--	730 L	--	--	--	--	--	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	0.0794 U	0.173 UJ	0 U	1.18 U	--	0.423 U	-7E-04 U
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE				SEMIVOLATILE											
			URANIUM-235/236	URANIUM-236	URANIUM-238	1,4-DIOXANE	1,1-BIPHENYL	1,2,4-TRICHLOROBENZENE	1,2-DIPHENYLHYDRAZINE	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE
			RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILE	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44-111505	MRC-MW44A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	-0.008 U	0.0276	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	4.7	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	3.9	--	--	--	--	--	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	1.03 J	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	0.25	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	2.7	--	--	--	--	--	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	0.18	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	4.6	--	--	--	--	--	--	--
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	--	--	--	--	--	3.7 J	--	--	--	--	--	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	--	--	--	--	--	1.7374	--	--	--	--	--	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	2.4	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	-0.002 U	0.386	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	--	--	--	--	--	--	--	2 UL	--	--	--	--	--	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	-0.005 U	0.006	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	0.49 U	--	--	--	--	--	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	0.49 U	--	--	--	--	--	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	0.49 U	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	--	--	--	--	--	2 UL	--	--	--	--	--	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	1.1	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	0.5 J	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	--	--	--	--	--	2.7 J	--	--	--	--	--	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	2.1 J	--	--	--	--	--	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44-111505	MRC-MW44A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)														
			4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZIDINE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
			SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44-111505	MRC-MW44A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44-111505	MRC-MW44A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44-111505	MRC-MW44A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)										VC
			PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL-	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE	DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	SILANOL, TRIMETHYL-	ETHANE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILE GASES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44-111505	MRC-MW44A	20051115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-102805	MRC-MW62A	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.14 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILE GASES (UG/L)														
			ETHENE	METHANE	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE
			VOLATILE GASES	VOLATILE GASES	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW44-111505	MRC-MW44A	20051115	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	0.5 B	1 U	1 U	2 B	1 U
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	0.35 U	--	--	0.27 U	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW44A-031814	MRC-MW44A	20140318	--	--	0.22 UJ	0.36 UJ	0.25 UJ	--	0.31 UJ	0.2 UJ	0.57 UJ	0.29 UJ	0.82 UJ	0.7 UJ	--	0.23 UJ	0.2 UJ
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	0.37 U	--	--	0.32 U	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW44A-073108	MRC-MW44A	20080731	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
MRC-MW44A-080509	MRC-MW44A	20090805	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	1.4	--	--	6	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	--	0.22 UJ	0.36 UJ	0.25 UJ	--	0.31 UJ	0.2 UJ	0.57 UJ	0.29 UJ	3.2 J	0.7 UJ	--	15 J	0.26 J
MRC-MW62A-03192012	MRC-MW62A	20120319	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	2.4 B	0.43 U	0.37 J	12	0.67 J
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	2.4	--	--	10	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.73 B	0.43 U	0.0059 U	3.5 J	0.12 U
MRC-MW62A-073108	MRC-MW62A	20080731	--	--	3.3 U	3.3 U	3.3 U	--	3.3 U	3.3 U	3.3 U	3.3 U	2.3 J	3.3 U	0.93 J	11	0.62 J
MRC-MW62A-102805	MRC-MW62A	20051028	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	310	1 U	1	1500	1
MRC-MW62A-110607	MRC-MW62A	20071106	--	--	5 U	5 U	5 U	--	5 U	5 U	5 U	5 U	5 U	5 U	0.88 J	6.5	5 U
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	0.35 U	--	--	0.58 J	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	--	0.22 UJ	0.36 UJ	0.25 UJ	--	0.31 UJ	0.2 UJ	0.57 UJ	0.29 UJ	0.82 UJ	0.7 UJ	--	0.69 U	0.2 UJ
MRC-MW62C-03192012	MRC-MW62C	20120319	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.38 J	0.12 U
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	0.37 U	--	--	0.32 U	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW62C-052810	MRC-MW62C	20100528	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW62C-073108	MRC-MW62C	20080731	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U	0.32 J	1 U
MRC-MW62C-102805	MRC-MW62C	20051028	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW62C-110807	MRC-MW62C	20071108	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.36 J	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW72A-041911	MRC-MW72A	20110419	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.54 J	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW72A-060310	MRC-MW72A	20100603	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.58 J	0.19 U	0.13 U	0.33 B	0.43 U	0.0059 U	0.93 B	0.12 U
MRC-MW72A-073008	MRC-MW72A	20080730	--	--	1 U	1 U	1 U	--	1 U	1.1	1 U	1 U	1 U	1 U	5 U	1 U	1 U
MRC-MW72A-111207	MRC-MW72A	20071112	--	--	1 U	1 U	1 U	--	1 U	1.4	1 U	1 U	1 U	1 U	5 U	1 U	1 U
MRC-MW-72B-012816	MRC-MW72B	20160128	0.13 U	5.7	--	150 U	73 U	80 U	150 U	100 U	150 U	--	--	--	--	110 U	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRICHLOROBENZENE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	1,4-DIOXANE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	1 U	1 U	1 U	5 U	1 U	--	--	1 U	1 U	1 U	100 UR	1 U	5 UR	1 U	1 U
MRC-MW44-111505	MRC-MW44A	20051115	1 U	1 U	1 U	1 U	1 U	--	--	0.5 J	1 U	0.4 J	--	1 U	5 U	1 U	1 U
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	0.26 U	--	--	0.33 U	--	0.32 U	--	0.23 U	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW44A-031814	MRC-MW44A	20140318	0.74 UJ	0.24 UJ	0.21 UJ	0.36 UJ	0.2 UJ	--	--	0.2 UJ	0.27 UJ	0.2 UJ	--	0.27 UJ	0.81 UJ	0.44 UJ	0.2 UJ
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	0.25 U	--	--	0.42 U	--	0.19 U	--	0.27 U	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW44A-073108	MRC-MW44A	20080731	2 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	0.91 B	5 U	1 U
MRC-MW44A-080509	MRC-MW44A	20090805	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	2 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	5 U	1 U
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	0.58 J	--	--	0.33 U	--	0.32 U	--	0.94 J	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	0.74 UJ	0.24 UJ	1.4 J	0.36 UJ	0.2 UJ	--	--	0.2 UJ	0.27 UJ	2.1 J	--	0.27 UJ	0.81 UJ	0.44 UJ	0.2 UJ
MRC-MW62A-03192012	MRC-MW62A	20120319	0.67 U	0.24 U	1.3	0.22 U	0.18 U	--	--	0.14 U	0.16 U	1.8	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	0.93 J	--	--	0.42 U	--	0.19 U	--	1.3	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	0.67 U	0.24 U	0.33 J	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.55 J	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW62A-073108	MRC-MW62A	20080731	6.7 U	3.3 U	1 J	3.3 U	3.3 U	--	--	3.3 U	3.3 U	1.7 J	--	3.3 U	2.1 B	17 U	3.3 U
MRC-MW62A-102805	MRC-MW62A	20051028	1 U	1 U	60	1 U	1 U	--	--	1 U	1 U	78	--	1 U	5 UR	1 U	1 U
MRC-MW62A-110607	MRC-MW62A	20071106	10 U	5 U	0.98 J	5 U	5 U	--	--	5 U	5 U	1.3 J	--	5 U	25 U	25 U	5 U
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	0.26 U	--	--	0.33 U	--	0.32 U	--	0.23 U	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	0.74 UJ	0.24 UJ	0.21 UJ	0.36 UJ	0.2 UJ	--	--	0.2 UJ	0.27 UJ	0.2 UJ	--	0.27 UJ	0.81 UJ	0.44 UJ	0.2 UJ
MRC-MW62C-03192012	MRC-MW62C	20120319	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	0.25 U	--	--	0.42 U	--	0.19 U	--	0.27 U	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW62C-052810	MRC-MW62C	20100528	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW62C-073108	MRC-MW62C	20080731	2 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	5 U	1 U
MRC-MW62C-102805	MRC-MW62C	20051028	1 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 UR	1 U	1 U
MRC-MW62C-110807	MRC-MW62C	20071108	2 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	5 U	1 U
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW72A-041911	MRC-MW72A	20110419	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW72A-060310	MRC-MW72A	20100603	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW72A-073008	MRC-MW72A	20080730	2 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	5 U	1 U
MRC-MW72A-111207	MRC-MW72A	20071112	2 U	1 U	1 U	1 U	1 U	--	--	0.79 J	1 U	0.5 J	--	1 U	5 U	5 U	1 U
MRC-MW-72B-012816	MRC-MW72B	20160128	270 U	110 U	83 U	77 U	83 U	--	--	63 U	--	90 U	--	--	180 U	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	ACROLEIN	ACRYLONITRILE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	5 U	1 U	1 U	5 U	5 UR	--	--	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U
MRC-MW44-111505	MRC-MW44A	20051115	5 U	1 U	1 U	5 U	5 UR	--	--	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW44A-031814	MRC-MW44A	20140318	1.7 UJ	0.24 UJ	0.2 UJ	0.67 UJ	1.5 J	--	--	0.2 UJ	0.28 UJ	0.32 UJ	0.32 UJ	0.42 UJ	0.29 UJ	0.22 UJ	0.45 UJ
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	0.41 U	0.18 U	0.12 U	0.32 U	4.9 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	0.41 U	0.18 U	0.12 U	0.32 U	6.8 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW44A-073108	MRC-MW44A	20080731	5 U	1 U	1 U	5 U	2.2 B	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW44A-080509	MRC-MW44A	20090805	0.41 U	0.18 U	0.12 U	0.32 U	4.384 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	5 U	1 U	1 U	5 U	5 U	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	1.7 UJ	0.24 UJ	0.2 UJ	0.67 UJ	1.9 J	--	--	0.2 UJ	0.28 UJ	0.32 UJ	0.32 UJ	0.42 UJ	0.29 UJ	0.22 UJ	0.69 J
MRC-MW62A-03192012	MRC-MW62A	20120319	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.14 J	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.56 J
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	0.41 U	0.18 U	0.2 J	0.32 U	2.2 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW62A-073108	MRC-MW62A	20080731	17 U	3.3 U	3.3 U	17 U	17 U	--	--	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3
MRC-MW62A-102805	MRC-MW62A	20051028	5 U	1 U	1 U	5 U	5 B	--	--	0.4 J	1 U	1 U	1 U	1 U	2 U	1 U	5
MRC-MW62A-110607	MRC-MW62A	20071106	25 U	5 U	5 U	25 U	25 U	--	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.8 J
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	1.7 UJ	0.24 UJ	0.2 UJ	0.67 UJ	7.1 J	--	--	0.2 UJ	0.28 UJ	0.32 UJ	0.32 UJ	0.42 UJ	0.29 UJ	0.22 UJ	0.45 UJ
MRC-MW62C-03192012	MRC-MW62C	20120319	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	0.41 U	0.18 U	0.12 U	0.32 U	1.4 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW62C-052810	MRC-MW62C	20100528	0.41 U	0.18 U	0.12 U	0.32 U	9.6 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW62C-073108	MRC-MW62C	20080731	5 U	1 U	1 U	5 U	1.5 B	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW62C-102805	MRC-MW62C	20051028	5 U	1 U	1 U	5 U	5 UR	--	--	1 U	1 U	1 U	1 U	1 U	2 U	0.4 J	1 U
MRC-MW62C-110807	MRC-MW62C	20071108	5 U	1 U	1 U	5 U	1.4 B	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW72A-041911	MRC-MW72A	20110419	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW72A-060310	MRC-MW72A	20100603	0.41 U	0.18 U	0.12 U	0.32 U	13	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 UJ	0.13 U	0.13 U
MRC-MW72A-073008	MRC-MW72A	20080730	5 U	1 U	1 U	5 U	2.2 B	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW72A-111207	MRC-MW72A	20071112	5 U	1 U	1 U	5 U	5 U	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW-72B-012816	MRC-MW72B	20160128	160 U	--	--	330 U	310 U	--	--	120 U	--	--	97 U	190 U	150 U	130 U	140 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)														
			CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	CYCLOHEXANE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIETHYL ETHER	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	1 U	1 U	2 U	1 U	2 U	1 U	1 U	--	1 U	2 U	--	1 U	1 U	--	1 U
MRC-MW44-111505	MRC-MW44A	20051115	1 U	1 U	2 U	1 U	2 U	1 U	1 U	--	1 U	2 U	--	1 U	1 U	--	1 U
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	0.32 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW44A-031814	MRC-MW44A	20140318	0.29 UJ	0.31 UJ	0.24 UJ	0.25 UJ	0.21 UJ	0.3 UJ	0.24 UJ	--	0.32 UJ	0.46 UJ	--	0.2 UJ	0.2 UJ	--	0.2 UJ
MRC-MW-44A-040116	MRC-MW44A	20160401	0.25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	0.15 U	0.18 U	0.29 UJ	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 UJ	--	0.17 U
MRC-MW44A-073108	MRC-MW44A	20080731	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	5 U	--	5 U	1 U
MRC-MW44A-080509	MRC-MW44A	20090805	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	5 U	5 U	--	1 U
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	0.5 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	1.2 J	0.31 UJ	0.32 J	7.6 J	0.21 UJ	2.7 J	0.24 UJ	--	0.32 UJ	0.46 UJ	--	0.2 UJ	0.2 UJ	--	0.2 UJ
MRC-MW62A-03192012	MRC-MW62A	20120319	1	0.18 U	0.29 U	18	0.3 U	3.1	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW-62A-032916	MRC-MW62A	20160329	0.69 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	0.27 J	0.18 U	0.29 U	1.2	0.3 U	1.3	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW62A-073108	MRC-MW62A	20080731	0.73 J	3.3 U	3.3 U	89	3.3 U	2.9 J	3.3 U	--	3.3 U	3.3 U	--	17 U	--	17 U	3.3 U
MRC-MW62A-102805	MRC-MW62A	20051028	20	1 U	2 U	180	2 U	5	1 U	--	1 U	2 U	--	1 U	1 U	--	1 U
MRC-MW62A-110607	MRC-MW62A	20071106	5 U	5 U	5 U	120	5 U	2.8 J	5 U	--	5 U	5 U	--	25 U	25 U	--	5 U
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	0.32 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	0.29 UJ	0.31 UJ	0.64 J	0.25 UJ	0.27 J	0.3 UJ	0.24 UJ	--	0.32 UJ	0.46 UJ	--	0.2 UJ	0.2 UJ	--	0.2 UJ
MRC-MW62C-03192012	MRC-MW62C	20120319	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW-62C-032916	MRC-MW62C	20160329	0.25 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW62C-052810	MRC-MW62C	20100528	0.15 U	0.18 U	0.29 UJ	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 UJ	--	0.17 U
MRC-MW62C-073108	MRC-MW62C	20080731	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	5 U	--	5 U	1 U
MRC-MW62C-102805	MRC-MW62C	20051028	1 U	1 U	2 U	3	2 U	1 U	1 U	--	1 U	2 U	--	1 U	1 U	--	1 U
MRC-MW62C-110807	MRC-MW62C	20071108	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	5 U	5 U	--	1 U
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.96 J	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW72A-041911	MRC-MW72A	20110419	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	1.6	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW72A-060310	MRC-MW72A	20100603	0.15 U	0.18 U	0.29 UJ	0.16 U	0.3 U	2.8	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 UJ	--	0.17 U
MRC-MW72A-073008	MRC-MW72A	20080730	1 U	1 U	1 U	1 U	1 U	4.1	1 U	--	1 U	1 U	--	5 U	--	5 U	1 U
MRC-MW72A-111207	MRC-MW72A	20071112	0.55 J	1 U	1 U	1 U	1 U	4.1	1 U	--	1 U	1 U	--	5 U	5 U	--	1 U
MRC-MW-72B-012816	MRC-MW72B	20160128	83 U	140 U	110 U	83 U	150 U	87 U	150 U	150 U	--	110 U	--	--	--	--	83 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	FLUORODICHLOROMETHANE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44-061505	MRC-MW44A	20050615	--	1 U	1 U	2 U	--	--	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW44-111505	MRC-MW44A	20051115	--	1 U	1 U	2 U	--	--	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-03142012	MRC-MW44A	20120314	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW44A-031814	MRC-MW44A	20140318	--	0.62 UJ	0.2 UJ	0.33 UJ	--	--	0.29 UJ	0.32 UJ	0.2 UJ	0.21 UJ	0.2 UJ	0.2 UJ	0.27 UJ	0.2 UJ	0.2 UJ
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-040611	MRC-MW44A	20110406	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-052810	MRC-MW44A	20100528	--	0.3 U	0.13 U	0.24 U	--	--	0.17 UJ	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW44A-073108	MRC-MW44A	20080731	--	1 U	1 U	2 U	--	--	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
MRC-MW44A-080509	MRC-MW44A	20090805	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW44A-102507	MRC-MW44A	20071025	--	1 U	1 U	2 U	--	--	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-031814	MRC-MW62A	20140318	--	0.62 UJ	0.2 UJ	0.33 UJ	--	--	0.29 UJ	0.32 UJ	13 J	0.21 UJ	0.2 UJ	0.46 J	0.27 UJ	0.2 UJ	0.2 UJ
MRC-MW62A-03192012	MRC-MW62A	20120319	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	12	0.12 U	0.14 U	0.51 J	0.13 U	0.11 U	0.067 U
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62A-042011	MRC-MW62A	20110420	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	1.9 B	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW62A-073108	MRC-MW62A	20080731	--	3.3 U	3.3 U	6.7 U	--	--	17 U	2.1 J	28	3.3 U	3.3 U	0.72 J	3.3 U	3.3 U	--
MRC-MW62A-102805	MRC-MW62A	20051028	--	1 U	1 U	2 U	--	--	2 U	2 B	6	1 U	1 U	1 J	1 U	1 U	1 U
MRC-MW62A-110607	MRC-MW62A	20071106	--	5 U	5 U	10 U	--	--	25 U	5 U	17	5 U	5 U	0.77 J	5 U	5 U	25 U
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-031814	MRC-MW62C	20140318	--	0.62 UJ	0.2 UJ	0.33 UJ	--	--	0.29 UJ	0.32 UJ	0.9 U	0.21 UJ	0.2 UJ	0.2 UJ	0.27 UJ	0.2 UJ	0.2 UJ
MRC-MW62C-03192012	MRC-MW62C	20120319	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.29 J	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW62C-042011	MRC-MW62C	20110420	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.41 B	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW62C-052810	MRC-MW62C	20100528	--	0.3 U	0.13 U	0.24 U	--	--	0.17 UJ	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW62C-073108	MRC-MW62C	20080731	--	1 U	1 U	2 U	--	--	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
MRC-MW62C-102805	MRC-MW62C	20051028	--	1 U	1 U	2 U	--	--	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW62C-110807	MRC-MW62C	20071108	--	1 U	1 U	2 U	--	--	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72A-041012	MRC-MW72A	20120410	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW72A-041911	MRC-MW72A	20110419	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW72A-060310	MRC-MW72A	20100603	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW72A-073008	MRC-MW72A	20080730	--	1 U	1 U	2 U	--	--	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
MRC-MW72A-111207	MRC-MW72A	20071112	--	1 U	1 U	2 U	--	--	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	120 U	--	760 U	140 U	67 U	110 U	--	--	--	--	--	150 U	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	
MRC-MW43A-20130318	MRC-MW43A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-44-061505	MRC-MW44A	20050615	--	1 U	5 UR	1 U	1 U	2 U	3 U	--	1 U	1 U	1 U	2 U	1 U	2 U	NORMAL
MRC-MW44-111505	MRC-MW44A	20051115	--	1 U	5 UR	1 U	1 U	2 U	3 U	--	1 U	1 U	1 U	2 U	1 U	2 U	NORMAL
MRC-MW44A-021417	MRC-MW44A	20170214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW44A-030817	MRC-MW44A	20170308	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW44A-03142012	MRC-MW44A	20120314	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW44A-031814	MRC-MW44A	20140318	--	0.2 UJ	11 UJ	0.3 UJ	0.2 UJ	--	0.53 UJ	--	0.33 UJ	0.2 UJ	0.22 UJ	0.2 UJ	1.1 UJ	0.32 UJ	NORMAL
MRC-MW-44A-040116	MRC-MW44A	20160401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW44A-040611	MRC-MW44A	20110406	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW-44A-041415	MRC-MW44A	20150414	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-44A-041714	MRC-MW44A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW44A-052810	MRC-MW44A	20100528	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW44A-073108	MRC-MW44A	20080731	5 U	1 U	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	1 U	1 U	2 U	1 U	NORMAL
MRC-MW44A-080509	MRC-MW44A	20090805	--	0.13 U	3.9 UR	0.29 U	0.1872 J	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW-44A-090616	MRC-MW44A	20160906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW44A-102507	MRC-MW44A	20071025	--	1 U	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	1 U	1 U	2 U	1 U	NORMAL
MRC-MW44A-20130318	MRC-MW44A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW62A-021517	MRC-MW62A	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW62A-031517	MRC-MW62A	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW62A-031814	MRC-MW62A	20140318	--	0.2 UJ	350 J	12 J	0.2 UJ	--	0.53 UJ	--	0.33 UJ	0.2 UJ	1.5 J	0.2 UJ	1.1 UJ	0.6 J	NORMAL
MRC-MW62A-03192012	MRC-MW62A	20120319	--	0.13 U	300 J	15	0.13 U	--	0.51 J	--	0.19 U	0.19 U	0.81 J	0.21 U	0.19 UR	0.22 U	NORMAL
MRC-MW-62A-032916	MRC-MW62A	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-62A-041315	MRC-MW62A	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-62A-041714	MRC-MW62A	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW62A-042011	MRC-MW62A	20110420	--	0.13 U	120 L	4.6	0.3 J	--	0.28 U	--	0.19 U	0.19 U	0.29 J	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW62A-073108	MRC-MW62A	20080731	17 U	3.3 U	440 L	14	3.3 U	--	6.7 U	--	3.3 U	3.3 U	3.3 U	3.3 U	6.7 U	3.3 U	NORMAL
MRC-MW62A-102805	MRC-MW62A	20051028	--	1 U	510 L	14	1 U	5	1 J	--	1 U	1 U	1	2 U	1 U	1 J	NORMAL
MRC-MW62A-110607	MRC-MW62A	20071106	--	5 U	330 L	16	5 U	--	10 U	--	5 U	5 U	0.86 J	5 U	10 U	5 U	NORMAL
MRC-MW62A-20130318	MRC-MW62A	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW62C-021517	MRC-MW62C	20170215	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW62C-031517	MRC-MW62C	20170315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW62C-031814	MRC-MW62C	20140318	--	0.2 UJ	24 J	0.3 UJ	0.2 UJ	--	0.53 UJ	--	0.33 UJ	0.2 UJ	0.22 UJ	0.2 UJ	1.1 UJ	0.32 UJ	NORMAL
MRC-MW62C-03192012	MRC-MW62C	20120319	--	0.13 U	4.7 J	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 U	0.19 UR	0.22 U	NORMAL
MRC-MW-62C-032916	MRC-MW62C	20160329	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-62C-041315	MRC-MW62C	20150413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW-62C-041714	MRC-MW62C	20140417	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW62C-042011	MRC-MW62C	20110420	--	0.13 U	3.9 UR	0.29 U	0.25 J	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW62C-052810	MRC-MW62C	20100528	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW62C-073108	MRC-MW62C	20080731	5 U	1 U	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	1 U	1 U	2 U	1 U	NORMAL
MRC-MW62C-102805	MRC-MW62C	20051028	--	1 U	5 UR	1 U	1 U	2 U	3 U	--	1 U	1 U	1 U	2 U	1 U	2 U	NORMAL
MRC-MW62C-110807	MRC-MW62C	20071108	--	1 U	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	1 U	1 U	2 UJ	1 U	NORMAL
MRC-MW62C-20130318	MRC-MW62C	20130318	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW72A-041012	MRC-MW72A	20120410	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.6 J	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW72A-041911	MRC-MW72A	20110419	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.83 J	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW72A-060310	MRC-MW72A	20100603	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.8 J	0.21 UJ	0.19 U	0.22 U	NORMAL
MRC-MW72A-073008	MRC-MW72A	20080730	5 U	1 U	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	0.87 B	1 U	2 U	1 U	NORMAL
MRC-MW72A-111207	MRC-MW72A	20071112	--	1 U	20 UR	1 U	1 U	--	2 U	--	0.2 J	1 U	1.1	1 U	2 U	1 U	NORMAL
MRC-MW-72B-012816	MRC-MW72B	20160128	--	--	--	100 U	77 U	--	170 U	--	100 U	190 U	7200	160 U	--	97 U	NORMAL

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURANS	DISSOLVED METALS (UG/L)												
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
			DIOXINS/FURANS	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED
			MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	--	2 U	0.18	12	0.6 B	0.014 B	0.42 B	8.8	1.6 B	50 U	1 U	62.5	0.2 U	2 U	9.9
MRC-MW72B-080709	MRC-MW72B	20090807	--	0.055 U	0.21 U	13.4	0.66	0.027 U	0.066 U	9.3	1.8 K	11 U	0.062 B	57.6	0.1 U	0.2 U	10.9
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-073008	MRC-MW73A	20080730	--	2 U	0.27	35.9	2	0.35	0.24 B	19.5	2.3 B	367	1 U	121	0.2 U	2 U	48.2
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	0.053 B	0.41 B	25.8	1.8	0.061 B	0.34 B	16.3	4.3	14.6 B	0.12 B	88.4	0.1 U	0.12 U	18.6
MRC-MW73B-081109	MRC-MW73B	20090811	--	0.12 B	0.21 U	30	2	0.045 B	0.16 B	17.5	4.7	11 U	0.064 B	83.8	0.1 U	0.2 U	21.4
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	2 U	0.89	45.4	1.4	0.1 B	0.47 B	30.3	5.5	332	0.1 B	1040	0.2 U	2 U	9.8
MRC-MW74A-081409	MRC-MW74A	20090814	--	0.08 B	1.1	48.8	0.7	0.094 B	0.066 U	19.4	2.2 K	123	0.05 B	1880	0.1 U	0.2 U	4.2
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY
								FILTERED (0.10) METALS (UG/L)									
			DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	5 U	1 U	1 U	0.67	23.8 B	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	0.14 U	0.033 U	0.12 U	0.6 U	23.4 B	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-073008	MRC-MW73A	20080730	0.61 B	1 U	1 U	20 U	69.8	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	0.32 B	0.0026 U	0.11 U	0.46 U	38.2	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	0.38 B	0.033 U	0.12 U	0.64	70.3	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	0.78 B	1 U	1 U	0.88	38.8	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	1.8	0.033 U	0.12 U	0.6 U	32.1 K	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER
																	FILTER
			FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	0.048 U	0.27 U	11.8	0.61	0.053 B	0.16 B	10.4	1.1 B
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	0.13 B	0.34	40.4	1.5	0.32	0.4 B	51.4	2.2
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	0.067 B	0.27 U	22.4	1.4	0.054	0.36 B	24.8	2.7
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	--	--	--	0.048 U	0.3	34	1.2	0.14	0.054 UL	26.1	3.4
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	0.059 B	0.52	38.3	1.8	0.47	0.14 U	31.1 J	6.5
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	0.055 U	0.54	39.7	2.2	0.18	0.14 U	36.9 J	8
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	0.056 B	0.5	43.7	2.8	0.21	0.14 U	43.9 J	9.5
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	LED (0.45) METALS (UG/L)														
			LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
			FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	--	--	--	--	--	--	0.19 B	0.64 J	15	0.96 J	0.13 U
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	--	--	--	--	--	--	0.27 U	0.35 U	19	0.77 U	0.31 U
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	15.6	0.86 J	0.13 U
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	--	--	--	--	--	--	0.16 U	0.49 U	18	0.43 U	0.067 U
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	0.027 B	0.16 U	14.8	0.79 J	0.025 U
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	--	--	--	--	--	--	--	--	2 U	5 U	11.4	0.62	0.012 B
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	--	--	--	--	--	--	--	--	0.055 U	0.21 U	13.5	0.72	0.027 U
MRC-MW72B-111207	MRC-MW72B	20071112	0.12 B	0.1 U	3.3 B	9.3	1.6 U	0.021 UL	0.023 U	0.25 U	22.3	--	0.06 B	0.27 U	12.1	0.7	0.067 B
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	0.41 B	1.5 J	35	0.28 J	0.13 U
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	2.4	1.1 J	37 J	0.4 U	0.31 UJ
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	0.36 J	0.65 J	45.1	0.2 U	0.13 U
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	0.34 U	0.49 U	33	0.071 U	0.061 U
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	0.1 B	0.16 J	37.4	0.36 J	0.062 B
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	--	--	--	--	--	--	--	--	2 U	0.35	32.6	2	0.35
MRC-MW73A-110907	MRC-MW73A	20071109	0.16 B	0.1 UL	7 B	64.9	1.6 U	0.021 U	0.023 U	0.25 U	87.8	--	0.15 B	0.28 L	35.2	1.4	0.28 B
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	0.13 U	0.53 J	29	2.4	0.13 U
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	0.63 U	0.35 UJ	39 J	2.2	0.31 UJ
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	0.16 U	0.49 U	30	2.4	0.078 U
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	27.6	1.9	0.13 U
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	0.027 U	0.16 U	30.7	1.9 B	0.025 U
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	--	--	--	--	--	--	--	--	0.07 B	0.4 B	26.4	1.9	0.088 B
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	--	--	--	--	--	--	--	--	0.086 B	0.21 B	30.5	2.1	0.063 B
MRC-MW73B-110907	MRC-MW73B	20071109	0.15 B	0.1 UL	4.1 B	17.1	1.6 U	0.021 U	0.023 U	0.25 U	37.5	--	0.11 B	0.29 L	23.6	1.5	0.058 B
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	0.13 B	0.68 J	64	0.37 J	0.13 U
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	--	--	--	0.84 U	0.86 J	57	0.4 U	0.31 U
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	55.4	0.33 J	0.13 U
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	0.17 U	0.49 U	78	0.16 U	0.061 U
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	0.05 B	0.75 J	60.8	0.87 J	0.14 B
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	--	--	--	--	--	--	--	--	2 U	0.71	46.3	1.4	0.12 B
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	--	--	--	--	--	--	--	--	0.055 U	1.1	48.3	0.72	0.26 B
MRC-MW74A-111307	MRC-MW74A	20071114	0.43 B	0.1 U	4.9 B	7.7	1.6 U	0.021 U	0.023 U	0.25 U	28	--	0.048 U	0.46	36	1.2	0.12
MRC-MW74A-121107	MRC-MW74A	20071211	0.55	0.1 U	0.58 UL	12.7	1.2	0.01 U	0.054 B	0.27 U	622	--	0.26 B	0.43	39.3	2	0.54
MRC-MW74A-121207	MRC-MW74A	20071212	0.25	0.1 U	0.58 UL	14	1.2 U	0.01 U	0.045 B	0.27 U	134	--	0.079 B	0.43	42.6	2.6	0.24
MRC-MW74A-121407	MRC-MW74A	20071214	0.23	0.1 U	0.58 UL	16.4	1.2 U	0.01 U	0.059 B	0.27 U	91.1	--	0.055 U	0.5	45.3	2.8	0.23
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	0.19 J	0.87 J	32	0.24 J	0.13 U
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	--	--	--	0.39 U	0.46 J	46	0.4 U	0.31 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)														
			CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE
			METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L
MRC-MW72B-041012	MRC-MW72B	20120410	900 J	0.71 UL	9.8	2.1 K	81 U	0.18 U	890 J	62	0.12 U	0.49 B	12	1200 J	0.57 U	--	8500
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	2200 J	0.55 J	7	1.3 J	250	0.59 U	1000 J	43	0.13 U	0.51 U	12	1500 J	0.48 U	--	8800
MRC-MW72B-041911	MRC-MW72B	20110419	--	0.71 U	11.8	2.5 B	106	0.18 U	--	70.7	0.12 U	0.093 U	12.9	1200	1.2 U	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	2700 U	0.6 U	3.7	1.3 J	230	0.31 J	1000 U	30	0.09 U	0.23 U	7.6	1600 U	0.58 U	--	8100
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	0.11 B	10.6	1.7 B	43.5 J	0.019 UL	--	68	0.1 U	0.27 U	12.4	--	0.13 U	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	--	0.25 B	8.9	1.5 B	19.3 B	1 U	--	64.2	0.2 U	2 U	10.1 L	--	5 U	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	--	0.12 B	9.8	1.6 K	74.3	0.056 B	--	58.8	0.1 U	0.2 U	11.1	--	0.14 U	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	0.16 B	11.1	1.3 B	--	0.048 B	--	--	0.1 U	0.77 B	9.5	--	1.6 U	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	1100 J	--	--	--	110 J	--	900 J	62	0.12 U	--	--	1600 J	--	--	8300
MRC-MW73A-03162012	MRC-MW73A	20120316	--	1.5 J	1	2.2 B	--	0.64 B	--	--	0.12 U	1.3 B	3.1 K	--	1 J	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	3.7 J	1.6 J	2.8 J	--	1.3	--	--	0.13 U	0.94 U	4.5 J	--	3 J	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	1.4 J	1.2	2.1 B	--	0.32 J	--	--	0.12 U	0.093 U	3.5	--	1.2 UL	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	0.61 J	1.2	0.75 U	--	0.46 U	--	--	0.09 U	0.23 U	0.48 U	--	1.7 J	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	0.61 J	9.9	2 B	503	0.019 UL	--	33.6	0.1 U	0.27 U	22.8	--	0.54 J	--	--
MRC-MW73A-073008	MRC-MW73A	20080730	--	2.2	17.2	3.7 B	3170	0.6 B	--	114	0.2 U	2 U	42.9 L	--	0.35 B	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	1.3 B	42.3 J	2.2	--	0.35 J	--	--	0.1 UL	0.66 UL	51.5 J	--	1.6 U	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	0.71 U	15	5.4	--	0.18 U	--	--	0.12 U	0.11 B	19	--	0.57 UL	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	0.45 J	19 J	6.7 J	--	0.41 J	--	--	0.13 U	0.51 UJ	25 J	--	0.98 J	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	0.6 U	18	5.5	--	0.29 U	--	--	0.09 U	0.23 U	18	--	0.64 J	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	0.71 U	14.2	5.7	--	0.19 J	--	--	0.12 U	0.093 U	17.9	--	1.2 U	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	0.25 B	19.2	3.8 B	826	0.019 UL	--	102	0.1 U	0.27 U	19.5	--	0.13 U	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	0.62 B	17.2	4.7	174	0.19 B	--	91	0.1 U	0.12 U	19.4	--	0.33 B	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	--	0.32 B	17.8	4.8	67.2 B	0.069 B	--	89.5	0.1 U	0.2 U	24.2	--	0.28 B	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	0.53 B	26.2 J	3	--	0.13 B	--	--	0.1 UL	0.66 UL	16.9 J	--	1.6 U	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	0.71 U	9.5	0.96 B	--	0.18 U	--	--	0.12 U	0.096 B	3.6 K	--	0.73 J	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	1.1 J	1.7	2.3	--	0.64 U	--	--	0.13 U	1.3 U	0.65 J	--	1 J	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	0.71 U	7.1	0.97 B	--	0.18 UL	--	--	0.12 U	0.093 U	1.4 J	--	1.2 UL	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	0.6 U	1.1	0.75 U	--	0.25 U	--	--	0.09 U	0.23 U	0.47 U	--	1.2 J	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	1.9 J	45.2	5.1 B	4580	0.17 B	--	3370	0.1 U	0.27 U	9.7	--	1 J	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	0.34 B	31.8	5.9	231	0.098 B	--	1030	0.2 U	2 U	10.5 L	--	0.76 B	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	--	0.77	18.9	2.1 K	314	0.21 B	--	1850	0.1 U	0.2 U	4.6	--	1.9	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	0.21 B	28.7	3.6	--	0.46 B	--	--	0.1 U	0.66 U	8.3	--	1.6 U	--	--
MRC-MW74A-121107	MRC-MW74A	20071211	--	0.2 B	31.9 J	6.7	--	0.29	--	--	0.1 U	0.58 UL	13.2	--	1.2 U	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	--	0.14 U	39.9 J	8.5	--	0.24	--	--	0.1 U	0.58 UL	15.4	--	1.4	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	--	0.14 U	45.4 J	9.8	--	0.22	--	--	0.1 U	0.58 UL	17	--	1.3	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	780	--	--	80	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	0.71 U	1.6	0.62 J	--	0.18 U	--	--	0.12 U	0.61 B	13	--	0.57 U	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	0.96 J	3.2	1.6 U	--	0.75 U	--	--	0.13 U	0.51 U	8.7	--	0.48 U	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE										MICROBIOLOGICAL (CELLS/ML)				
			SILVER	SODIUM	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	BAV1 VC R-DASE	DEHALOBACTER	DEHALOCOCCOIDES	TCE R-DASE	VC R-DASE
			METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML
MRC-MW72B-041012	MRC-MW72B	20120410	0.08 U	9600	0.46 B	--	--	--	--	--	0.54 B	25	--	--	--	--	--
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	0.03 U	8300	0.28 U	--	--	--	--	--	0.8 J	61	--	--	--	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	0.08 U	--	0.34 B	--	--	--	--	--	0.44 U	37.2	--	--	--	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	0.02 U	6600	0.074 U	--	--	--	--	--	1 J	46	--	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	0.015 U	--	0.13 U	--	--	--	--	--	0.65 B	116	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	1 U	--	1 U	--	--	--	--	--	20 U	20.2 B	--	--	--	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	0.033 U	--	0.12 U	--	--	--	--	--	0.6 U	27.5 B	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	0.021 UL	--	0.023 U	--	--	--	--	--	0.25 U	24.5	--	--	--	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	--	9600	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	0.08 U	--	0.82 B	--	--	--	--	--	2.5 J	23 B	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	0.03 UJ	--	0.28 U	--	--	--	--	--	5.7 J	13 J	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	0.08 U	--	0.14 U	--	--	--	--	--	1.4 J	13 B	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	0.02 U	--	0.074 U	--	--	--	--	--	1.1 J	7.3 U	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	0.015 U	--	0.13 U	--	--	--	--	--	1.3 B	27.8 B	--	--	--	--	--
MRC-MW73A-073008	MRC-MW73A	20080730	1 U	--	1 U	--	--	--	--	--	3.1	64.6	--	--	--	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	0.021 UL	--	0.023 U	--	--	--	--	--	0.63	73.4	--	--	--	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	0.08 U	--	0.24 B	--	--	--	--	--	0.44 UL	40 B	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	0.03 UJ	--	0.28 UJ	--	--	--	--	--	0.82 J	51 J	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	0.02 U	--	0.077 U	--	--	--	--	--	0.52 J	37	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	0.08 U	--	0.14 U	--	--	--	--	--	0.51 J	42.8	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	0.015 U	--	0.13 U	--	--	--	--	--	1.2 B	56.6	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	0.0026 U	--	0.15 B	--	--	--	--	--	0.57	45.1	--	--	--	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	0.033 U	--	0.12 U	--	--	--	--	--	0.6 U	73.7	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	0.021 UL	--	0.023 U	--	--	--	--	--	0.41	38.8	--	--	--	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	0.08 U	--	0.14 U	--	--	--	--	--	0.44 UL	26 B	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	0.03 U	--	0.28 U	--	--	--	--	--	1 J	13 U	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	0.08 U	--	0.14 U	--	--	--	--	--	0.44 U	41 B	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	0.02 U	--	0.074 U	--	--	--	--	--	0.49 J	21	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	0.015 U	--	0.13 U	--	--	--	--	--	2.5 J	119	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	1 U	--	1 U	--	--	--	--	--	20 U	41.5	--	--	--	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	0.033 U	--	0.12 U	--	--	--	--	--	0.6 U	35.6 K	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	0.021 U	--	0.023 U	--	--	--	--	--	0.25 U	30.7	--	--	--	--	--
MRC-MW74A-121107	MRC-MW74A	20071211	0.01 U	--	0.074 B	--	--	--	--	--	0.27 U	630	--	--	--	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	0.01 U	--	0.054 B	--	--	--	--	--	0.27 U	143	--	--	--	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	0.01 U	--	0.048 B	--	--	--	--	--	0.27 U	91.5	--	--	--	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	0.5 U	1.6 J	0.5 U	0.5 U	0.5 U
MRC-MW74B-03192012	MRC-MW74B	20120319	0.08 U	--	0.56 B	--	--	--	--	--	0.44 U	350	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	0.03 U	--	0.28 U	--	--	--	--	--	1.6 J	54	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)															
			ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON	HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE	NITRITE-N
			MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
MRC-MW72B-041012	MRC-MW72B	20120410	6.8 J	--	0.035 U	--	--	--	--	14	--	--	--	--	0.41	--	0.012 U
MRC-MW-72B-041515	MRC-MW72B	20150415	36	--	0.15 J	--	--	--	--	11.1	--	1.5	--	--	0.55	--	0.2 U
MRC-MW72B-041817	MRC-MW72B	20170418	5.3	0.87 U	--	--	--	--	--	14	--	0.27 J	--	--	0.44	--	0.11
MRC-MW72B-041911	MRC-MW72B	20110419	5.3	--	0.09 J	--	--	--	--	15.5 K	--	0.6 J	--	--	0.45	--	0.012 U
MRC-MW-72B-042116	MRC-MW72B	20160421	11	--	0.87 U	--	--	--	--	9.1	--	0.12 J	--	--	0.36	--	0.038 U
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	0.46 J	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	0.004 U	--	--	8.7	--	17	--	1.1	--	0.7 J	0.7 J	1 U	0.3 U
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	5.7	--	0.083 B	--	--	--	--	15 K	--	0.62 J	--	--	0.43	--	0.012 U
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	--	--	--	18.5	--	--	--	--	0.1	--	0.1 U
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	52	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL PHOSPHORUS-P	TOTAL SUSPENDED SOLIDS	PH	BROMIDE
			MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	S.U.	UG/L
MRC-MW72B-041012	MRC-MW72B	20120410	0.12 B	--	--	--	--	1.8	28	--	--	--	--	--	--	--	--
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	3.9	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	0.056 U	--	--	--	--	1.3	22	--	--	--	--	--	--	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	0.044 U	--	--	--	--	0.66 J	52	--	--	--	--	--	--	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	0.035 J	--	0.49	--	--	2.5	45	--	--	--	--	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	0.02	--	--	8.56	--	6.5	67	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	0.71	--	--	--	--	1.1	15	--	--	--	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	6	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	0.0002	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	--	25.1	100	--	3	--	--	--	9	--	--
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	--	--	--	--	--	--	5.1	--
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	--	--	--	--	--	--	5	--
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	--	--	--	--	--	--	4.8	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	8E-05 U	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	24	130	--	1.9	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	S PARAMETERS	PCB HOMOLOGS (UG/L)														
			PERCHLORATE	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS
			MISCELLANEOUS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-041515	MRC-MW72B	20150415	0.15 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	0.076 U	0.0059 U	0.033 U	0.016 U	0.0061 U	0.053 U	0.041 U	--	0.015 U	0.014 U	0.0071 U	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	0.14 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	0.071 U	0.0055 U	0.031 U	0.015 U	0.0057 U	0.05 U	0.039 U	--	0.014 J	0.013 U	0.0066 U	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCB HOMOLOGS, FILTERED (UG/L)															
			MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232
			PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCBS (UG/L)														
			AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	BETA-BHC	CHLORDANE (TECHNICAL)	DECACHLOROBIPHENYL	DELTA-BHC	DICHLOROBIPHENYLS	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ENDRIN	ENDRIN ALDEHYDE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE			PETROLEUM HYDROCARBONS		PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)						
			TOXAPHENE	TRICHLOROBIPHENYLS	OIL & GREASE - HEM	OIL & GREASE-SGT-HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235
			PCBS (UG/L)	PCBS (UG/L)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
			UG/L	UG/L	MG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE				SEMIVOLATILE												
			URANIUM-235/236	URANIUM-236	URANIUM-238	1,4-DIOXANE	1,1-BIPHENYL	1,2,4-TRICHLOROBENZENE	1,2-DIPHENYLHYDRAZINE	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE
			RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILE	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	--	--	--	0.21	--	--	--	--	--	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	2.9 U	--	--	--	--	--	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	0.057 U	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	3 U	--	--	--	--	--	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	0.31	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	3 U	--	--	--	--	--	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	0.057 U	--	--	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	--	--	--	3 U	--	--	--	--	--	--	--
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	0.26	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)														
			4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZIDINE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
			SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)										VC
			PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL-	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE	DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	SILANOL, TRIMETHYL-	ETHANE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILE GASES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW72B-041012	MRC-MW72B	20120410	--	--	--	--	240 NJ	--	--	710 NJ	--	--	--	--	--	--	0.26 U
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.3 U
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.14 U
MRC-MW72B-041911	MRC-MW72B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.26 UJ
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.14 U
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-061714	MRC-MW72B	20140617	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.2 U
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-20130326	MRC-MW72B	20130326	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.1 U
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-111307	MRC-MW74A	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.57
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.68
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILE GASES (UG/L)															
			ETHENE	METHANE	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE
			VOLATILE GASES	VOLATILE GASES	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW72B-041012	MRC-MW72B	20120410	0.31 U	0.15 J	33 U	31 U	26 U	--	40 U	21 U	27 U	19 U	24 U	61 U	0.84 U	21 U	17 U
MRC-MW-72B-041515	MRC-MW72B	20150415	2.4 U	1.5 U	--	1 U	1 U	1 U	1.3	1 U	1 U	--	2 U	--	--	2 U	--
MRC-MW72B-041817	MRC-MW72B	20170418	0.13 U	1.2	--	23 U	32 U	34 U	41 UJ	25 U	27 U	--	--	--	--	27 U	--
MRC-MW72B-041911	MRC-MW72B	20110419	0.31 UJ	0.37 J	29 U	28 U	22 U	--	35 U	19 U	24 U	16 U	21 U	54 U	0.74 U	19 U	15 U
MRC-MW-72B-042116	MRC-MW72B	20160421	0.13 U	0.39 J	--	55 U	28 U	30 U	56 U	38 U	56 U	--	--	--	--	40 U	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	--	38 U	37 U	30 U	--	47 U	25 U	32 U	22 U	28 U	72 U	0.98 U	25 U	20 U
MRC-MW72B-061714	MRC-MW72B	20140617	0.11 U	0.21 U	1.1 U	1.8 U	1.3 U	--	1.6 U	1 U	2.9 U	1.5 U	4.1 U	3.5 U	--	1.2 U	1 U
MRC-MW72B-073008	MRC-MW72B	20080730	--	--	170 U	170 U	170 U	--	170 U	170 U	170 U	170 U	170 U	170 U	830 U	170 U	170 U
MRC-MW72B-080709	MRC-MW72B	20090807	--	--	38.334 U	36.667 U	30.001 U	--	46.668 U	25.001 U	31.667 U	21.667 U	28.334 U	71.668 U	0.9834 U	25.001 U	20 U
MRC-MW72B-111207	MRC-MW72B	20071112	--	--	200 U	200 U	200 U	--	200 U	200 U	200 U	200 U	200 U	200 U	1000 U	200 U	200 U
MRC-MW72B-20130326	MRC-MW72B	20130326	0.37 U	0.14 B	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW73A-03162012	MRC-MW73A	20120316	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW73A-073008	MRC-MW73A	20080730	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
MRC-MW73A-110907	MRC-MW73A	20071109	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
MRC-MW73B-03162012	MRC-MW73B	20120316	--	--	1.4 U	1.4 U	1.1 U	--	1.8 U	0.94 U	1.2 U	0.81 U	1.1 U	2.7 U	0.037 U	0.94 U	0.75 U
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	0.23 U	0.32 U	0.34 U	0.41 U	0.25 U	0.27 U	--	--	--	--	0.27 U	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	1 U	1 U	1 U	1 U	1 U	1 U	--	2 U	--	--	2 U	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	0.63 U	0.31 U	0.34 U	0.64 U	0.43 U	0.64 U	--	--	--	--	0.46 U	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	--	1.5 U	1.5 U	1.2 U	--	1.9 U	1 U	1.3 U	0.87 U	1.1 U	2.9 U	0.039 U	1 U	0.8 U
MRC-MW73B-060410	MRC-MW73B	20100604	--	--	1.2 U	1.1 U	0.9 U	--	1.4 U	0.75 U	0.95 U	0.65 U	0.85 U	2.2 U	0.03 U	0.75 U	0.6 U
MRC-MW73B-060614	MRC-MW73B	20140606	--	--	0.22 U	0.36 U	0.25 U	--	0.31 U	0.2 U	0.57 U	0.29 U	0.82 U	0.7 U	--	0.23 U	0.2 U
MRC-MW73B-073108	MRC-MW73B	20080731	--	--	4 U	4 U	4 U	--	4 U	4 U	4 U	4 U	4 U	4 U	20 U	4 U	4 U
MRC-MW73B-081109	MRC-MW73B	20090811	--	--	1.2 U	1.1 U	0.9 U	--	1.4 U	0.75 U	0.95 U	0.65 U	0.85 U	2.2 U	0.03 U	0.75 U	0.6 U
MRC-MW73B-110907	MRC-MW73B	20071109	--	--	5.7 U	5.7 U	5.7 U	--	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	29 U	5.7 U	5.7 U
MRC-MW73B-20130319	MRC-MW73B	20130319	--	--	1.5 U	1.5 U	1.2 U	--	1.9 U	1 U	1.3 U	0.87 U	1.1 U	2.9 U	0.039 U	1 U	0.8 U
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	0.44 U	0.22 U	0.24 U	0.45 U	0.3 U	0.45 U	--	--	--	--	0.32 U	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	0.77 U	1.1 U	1.1 U	1.4 U	0.83 U	0.9 U	--	--	--	--	0.9 U	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	--	0.58 U	0.55 U	0.45 U	--	0.7 U	0.38 U	0.48 U	0.32 U	0.42 U	1.1 U	0.015 U	0.38 U	0.3 U
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	0.44 U	0.22 U	0.24 U	0.45 U	0.3 U	0.45 U	--	--	--	--	0.32 U	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	0.22 U	0.34 U	0.33 U	0.26 U	0.28 U	0.29 U	--	0.93 U	--	--	0.82 U	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	--	0.58 U	0.55 U	0.45 U	--	0.7 U	0.38 U	0.48 U	0.32 U	0.42 U	1.1 U	0.015 U	0.38 U	0.3 U
MRC-MW74A-060614	MRC-MW74A	20140606	--	--	0.22 U	0.36 U	0.25 U	--	0.31 U	0.2 U	0.57 U	0.29 U	0.82 U	0.7 U	--	0.23 U	0.2 U
MRC-MW74A-073008	MRC-MW74A	20080730	--	--	250 U	250 U	250 U	--	250 U	250 U	250 U	250 U	250 U	250 U	1200 U	250 U	250 U
MRC-MW74A-081409	MRC-MW74A	20090814	--	--	5.8 U	5.5 U	4.5 U	--	7 U	3.8 U	4.8 U	3.2 U	4.2 U	11 U	0.15 U	3.8 U	3 U
MRC-MW74A-111307	MRC-MW74A	20071114	0.33 J	13	2000 U	2000 U	2000 U	--	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	10000 U	2000 U	2000 U
MRC-MW74A-121107	MRC-MW74A	20071211	--	--	1700 U	1700 U	1700 U	--	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	8300 U	1700 U	1700 U
MRC-MW74A-121207	MRC-MW74A	20071212	--	--	1700 U	1700 U	1700 U	--	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	8300 U	1700 U	1700 U
MRC-MW74A-121407	MRC-MW74A	20071214	--	--	2000 U	2000 U	2000 U	--	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	10000 U	2000 U	2000 U
MRC-MW74A-20130321	MRC-MW74A	20130321	--	--	9.2 U	8.8 U	7.2 U	--	11 U	6 U	7.6 U	5.2 U	6.8 UJ	17 U	0.24 U	6 UJ	4.8 U
MRC-MW-74B-012816	MRC-MW74B	20160128	0.13 U	19	--	1100 U	550 U	600 U	1100 U	750 U	1100 U	--	--	--	--	800 U	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	--	230 U	220 U	180 U	--	280 U	150 U	190 U	130 U	170 U	430 U	5.9 U	150 U	120 U
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	580 U	800 U	850 U	1000 U	630 U	680 U	--	--	--	--	680 U	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRICHLOROBENZENE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	1,4-DIOXANE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW72B-041012	MRC-MW72B	20120410	96 U	34 U	19 U	31 U	26 U	--	--	20 U	23 U	19 U	--	19 U	81 U	140 U	16 U
MRC-MW-72B-041515	MRC-MW72B	20150415	7 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	320 UR	--	10 U	--	--
MRC-MW72B-041817	MRC-MW72B	20170418	47 U	23 U	26 U	30 U	30 U	--	--	32 U	--	23 U	--	--	100 U	--	--
MRC-MW72B-041911	MRC-MW72B	20110419	84 U	30 U	16 U	28 U	22 U	--	--	18 U	20 U	16 U	--	16 U	71 U	120 U	14 U
MRC-MW-72B-042116	MRC-MW72B	20160421	100 U	40 U	31 U	29 U	31 U	--	--	24 U	--	34 U	--	--	66 U	--	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	110 U	40 U	22 U	37 U	30 U	--	--	23 U	27 U	22 U	--	22 U	95 U	170 U	18 U
MRC-MW72B-061714	MRC-MW72B	20140617	3.7 U	1.2 U	1.1 U	1.8 U	1 U	--	--	1 U	1.4 U	1 U	--	1.4 U	4.1 U	2.2 U	1 U
MRC-MW72B-073008	MRC-MW72B	20080730	330 U	170 U	170 U	170 U	170 U	--	--	170 U	170 U	170 U	--	170 U	130 B	830 U	170 U
MRC-MW72B-080709	MRC-MW72B	20090807	111.67 U	40.001 U	21.667 U	36.667 U	30.001 U	--	--	23.334 U	26.667 U	21.667 U	--	21.667 U	95.002 U	165 U	18.334 U
MRC-MW72B-111207	MRC-MW72B	20071112	400 U	200 U	200 U	200 U	200 U	--	--	200 U	200 U	200 U	--	200 U	160 B	1000 U	200 U
MRC-MW72B-20130326	MRC-MW72B	20130326	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW73A-03162012	MRC-MW73A	20120316	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 UR	0.11 U
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW73A-073008	MRC-MW73A	20080730	2 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	5 U	1 U
MRC-MW73A-110907	MRC-MW73A	20071109	2 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	5 U	5 U	1 U
MRC-MW73B-03162012	MRC-MW73B	20120316	4.2 U	1.5 U	0.81 U	1.4 U	1.1 U	--	--	0.88 U	1 U	0.81 U	--	0.81 U	3.6 U	6.2 U	0.69 U
MRC-MW73B-032317	MRC-MW73B	20170323	0.47 U	0.23 U	0.26 U	0.3 U	0.3 U	--	--	0.32 U	--	0.23 U	--	--	1 UJ	--	--
MRC-MW-73B-041515	MRC-MW73B	20150415	7 U	1 U	1 U	1 U	1 U	--	--	1 U	--	1 U	320 UR	--	10 U	--	--
MRC-MW-73B-041516	MRC-MW73B	20160415	1.2 U	0.46 U	0.36 U	0.33 U	0.36 U	--	--	0.27 U	--	0.39 U	--	--	0.76 UJ	--	--
MRC-MW73B-041911	MRC-MW73B	20110419	4.5 U	1.6 U	0.87 U	1.5 U	1.2 U	--	--	0.93 U	1.1 U	0.87 U	--	0.87 U	3.8 U	6.6 U	0.73 U
MRC-MW73B-060410	MRC-MW73B	20100604	3.4 U	1.2 U	0.65 U	1.1 U	0.9 U	--	--	0.7 U	0.8 U	0.65 U	--	0.65 U	2.8 U	5 U	0.55 U
MRC-MW73B-060614	MRC-MW73B	20140606	0.74 U	0.24 U	0.21 U	0.36 U	0.2 U	--	--	0.2 U	0.27 U	0.2 U	--	0.27 U	0.81 U	0.44 U	0.2 U
MRC-MW73B-073108	MRC-MW73B	20080731	8 U	4 U	4 U	4 U	4 U	--	--	4 U	4 U	4 U	--	4 U	2.8 B	20 U	4 U
MRC-MW73B-081109	MRC-MW73B	20090811	3.4 U	1.2 U	0.65 U	1.1 U	0.9 U	--	--	0.7 U	0.8 U	0.65 U	--	0.65 U	2.8 U	5 U	0.55 U
MRC-MW73B-110907	MRC-MW73B	20071109	11 U	5.7 U	5.7 U	5.7 U	5.7 U	--	--	5.7 U	5.7 U	5.7 U	--	5.7 U	29 U	29 U	5.7 U
MRC-MW73B-20130319	MRC-MW73B	20130319	4.5 U	1.6 U	0.87 U	1.5 U	1.2 U	--	--	0.93 U	1.1 U	0.87 U	--	0.87 U	3.8 U	6.6 UR	0.73 U
MRC-MW-74A-012816	MRC-MW74A	20160128	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	--	0.27 U	--	--	0.53 U	--	--
MRC-MW74A-03162012	MRC-MW74A	20120316	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.45 J	0.16 U	0.65 J	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW74A-032217	MRC-MW74A	20170322	1.6 U	0.77 U	0.87 U	1 U	1 U	--	--	1.1 U	--	0.77 U	--	--	3.4 U	--	--
MRC-MW74A-041511	MRC-MW74A	20110415	1.7 U	0.6 U	0.32 U	0.55 U	0.45 U	--	--	0.64 J	0.4 U	1.3 J	--	0.32 U	1.4 U	2.5 U	0.28 U
MRC-MW-74A-041516	MRC-MW74A	20160415	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	--	0.27 U	--	--	0.53 UJ	--	--
MRC-MW-74A-051115	MRC-MW74A	20150511	1.5 U	0.28 U	0.38 U	0.32 U	0.24 U	--	--	0.33 J	--	0.68 J	58.9 UJ	--	1.8 U	--	--
MRC-MW74A-060410	MRC-MW74A	20100604	1.7 U	0.6 U	0.32 U	0.55 U	0.45 U	--	--	0.45 J	0.4 U	1.3 J	--	0.32 U	1.4 U	2.5 U	0.28 U
MRC-MW74A-060614	MRC-MW74A	20140606	0.74 U	0.24 U	0.21 U	0.36 U	0.2 U	--	--	0.32 J	0.27 U	0.64 J	--	0.27 U	0.81 U	0.44 U	0.2 U
MRC-MW74A-073008	MRC-MW74A	20080730	500 U	250 U	250 U	250 U	250 U	--	--	250 U	250 U	250 U	--	250 U	1200 U	1200 U	250 U
MRC-MW74A-081409	MRC-MW74A	20090814	17 U	6 U	3.2 U	5.5 U	4.5 U	--	--	3.5 U	4 U	3.2 U	--	3.2 U	14 U	25 U	2.8 U
MRC-MW74A-111307	MRC-MW74A	20071114	4000 U	2000 U	2000 U	2000 U	2000 U	--	--	2000 U	2000 U	2000 U	--	2000 U	1200 B	10000 U	2000 U
MRC-MW74A-121107	MRC-MW74A	20071211	3300 U	1700 U	1700 U	1700 U	1700 U	--	--	1700 U	1700 U	1700 U	--	1700 U	8300 U	8300 U	1700 U
MRC-MW74A-121207	MRC-MW74A	20071212	3300 U	1700 U	1700 U	1700 U	1700 U	--	--	1700 U	1700 U	1700 U	--	1700 U	8300 U	8300 U	1700 U
MRC-MW74A-121407	MRC-MW74A	20071214	4000 U	2000 U	2000 U	2000 U	2000 U	--	--	2000 U	2000 U	2000 U	--	2000 U	10000 U	10000 U	2000 U
MRC-MW74A-20130321	MRC-MW74A	20130321	27 U	9.6 U	5.2 U	8.8 U	7.2 U	--	--	5.6 U	6.4 U	5.2 U	--	5.2 U	23 UJ	40 UJ	4.4 U
MRC-MW-74B-012816	MRC-MW74B	20160128	2100 U	800 U	630 U	580 U	630 U	--	--	480 U	--	680 U	--	--	1300 U	--	--
MRC-MW74B-03192012	MRC-MW74B	20120319	670 U	240 U	130 U	220 U	180 U	--	--	140 U	160 U	130 U	--	130 U	570 U	990 U	110 U
MRC-MW74B-032217	MRC-MW74B	20170322	1200 U	580 U	650 U	750 U	750 U	--	--	800 U	--	580 U	--	--	2600 U	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	ACROLEIN	ACRYLONITRILE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW72B-041012	MRC-MW72B	20120410	59 U	26 U	17 U	46 U	160 U	--	--	19 U	19 U	41 U	21 U	91 U	59 UJ	19 U	19 U
MRC-MW-72B-041515	MRC-MW72B	20150415	5 U	--	--	5 U	10 U	--	--	1 U	--	1 U	1 U	1 U	0.47 U	1 U	1 U
MRC-MW72B-041817	MRC-MW72B	20170418	120 U	--	--	71 U	180 U	--	--	28 U	--	--	30 U	43 U	42 U	34 U	35 U
MRC-MW72B-041911	MRC-MW72B	20110419	51 U	22 U	15 U	40 U	140 U	--	--	16 U	16 U	36 U	19 U	80 U	51 U	16 U	16 U
MRC-MW-72B-042116	MRC-MW72B	20160421	60 U	--	--	120 U	120 UJ	--	--	44 U	--	--	36 U	70 U	55 UJ	48 U	54 U
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	68 U	30 U	20 U	53 U	180 U	--	--	22 U	22 U	48 U	25 U	110 U	68 UJ	22 U	22 U
MRC-MW72B-061714	MRC-MW72B	20140617	8.3 U	1.2 U	1 U	3.4 U	6.2 U	--	--	1 U	1.5 U	1.6 U	1.6 U	2.1 U	1.5 U	1.1 UJ	2.3 U
MRC-MW72B-073008	MRC-MW72B	20080730	830 U	170 U	170 U	830 U	220 B	--	--	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
MRC-MW72B-080709	MRC-MW72B	20090807	68.335 U	30.001 U	20 U	53.334 U	183.34 U	--	--	21.667 U	21.667 U	48.334 U	25.001 U	106.67 U	68.335 U	21.667 U	21.667 U
MRC-MW72B-111207	MRC-MW72B	20071112	1000 U	200 U	200 U	1000 U	1000 U	--	--	200 U	200 U	200 U	200 U	200 U	200 U	81 B	200 U
MRC-MW72B-20130326	MRC-MW72B	20130326	0.41 U	0.18 U	0.12 U	0.32 U	1.2 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW73A-03162012	MRC-MW73A	20120316	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	0.41 U	0.18 U	0.12 U	0.32 U	9.9	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW73A-073008	MRC-MW73A	20080730	5 U	1 U	1 U	5 U	5 U	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW73A-110907	MRC-MW73A	20071109	5 U	1 U	1 U	5 U	5 U	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW73B-03162012	MRC-MW73B	20120316	2.6 U	1.1 U	0.75 U	2 U	6.9 U	--	--	0.81 U	0.81 U	1.8 U	0.94 U	4 U	2.6 U	0.81 U	0.81 U
MRC-MW73B-032317	MRC-MW73B	20170323	1.2 UJ	--	--	0.71 U	1.8 UJ	--	--	0.28 U	--	--	0.3 U	0.43 UJ	0.42 UJ	0.34 U	0.35 U
MRC-MW-73B-041515	MRC-MW73B	20150415	5 U	--	--	5 U	10 U	--	--	1 U	--	1 U	1 U	1 U	0.57 U	1 UJ	1 U
MRC-MW-73B-041516	MRC-MW73B	20160415	0.69 UJ	--	--	1.4 U	1.3 UJ	--	--	0.5 U	--	--	0.41 U	0.8 U	0.63 UJ	0.54 U	0.61 U
MRC-MW73B-041911	MRC-MW73B	20110419	2.7 U	1.2 U	0.8 U	2.1 U	7.3 U	--	--	0.87 U	0.87 U	1.9 U	1 U	4.3 U	2.7 U	0.87 U	0.87 U
MRC-MW73B-060410	MRC-MW73B	20100604	2 U	0.9 U	0.6 U	1.6 U	10 J	--	--	0.65 U	0.65 U	1.4 U	0.75 U	3.2 U	2 U	0.65 U	0.65 U
MRC-MW73B-060614	MRC-MW73B	20140606	1.7 U	0.24 U	0.2 U	0.67 U	1.3 U	--	--	0.2 U	0.28 U	0.32 U	0.32 U	0.42 U	0.29 U	0.22 U	0.45 U
MRC-MW73B-073108	MRC-MW73B	20080731	20 U	4 U	4 U	20 U	20 U	--	--	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
MRC-MW73B-081109	MRC-MW73B	20090811	2 U	0.9 U	0.6 U	1.6 U	5.5 U	--	--	0.65 U	0.65 U	1.4 U	0.75 U	3.2 U	2 U	0.65 U	0.65 U
MRC-MW73B-110907	MRC-MW73B	20071109	29 U	5.7 U	5.7 U	29 U	29 U	--	--	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U
MRC-MW73B-20130319	MRC-MW73B	20130319	2.7 U	1.2 U	0.8 U	2.1 U	7.3 U	--	--	0.87 U	0.87 U	1.9 U	1 U	4.3 U	2.7 U	0.87 U	0.87 U
MRC-MW-74A-012816	MRC-MW74A	20160128	0.48 U	--	--	0.99 U	0.94 U	--	--	0.35 U	--	--	0.29 U	0.56 U	0.44 U	0.38 U	0.43 U
MRC-MW74A-03162012	MRC-MW74A	20120316	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW74A-032217	MRC-MW74A	20170322	4.1 U	--	--	2.4 U	5.9 U	--	--	0.93 U	--	--	1 U	1.4 U	1.4 U	1.1 U	1.2 U
MRC-MW74A-041511	MRC-MW74A	20110415	1 U	0.45 U	0.3 U	0.8 U	2.8 U	--	--	0.32 U	0.32 U	0.72 U	0.38 U	1.6 U	1 U	0.32 U	0.32 U
MRC-MW-74A-041516	MRC-MW74A	20160415	0.48 UJ	--	--	0.99 U	0.94 UJ	--	--	0.35 U	--	--	0.29 U	0.56 U	0.44 UJ	0.38 U	0.43 U
MRC-MW-74A-051115	MRC-MW74A	20150511	1.3 U	--	--	1.5 U	3.1 U	--	--	0.23 U	--	0.32 U	0.27 U	0.4 U	0.39 U	0.23 U	0.31 U
MRC-MW74A-060410	MRC-MW74A	20100604	1 U	0.45 U	0.3 U	0.8 U	5.7 J	--	--	0.32 U	0.32 U	0.72 U	0.38 U	1.6 U	1 U	0.32 U	0.32 U
MRC-MW74A-060614	MRC-MW74A	20140606	1.7 U	0.24 U	0.2 U	0.67 U	1.6 J	--	--	0.2 U	0.28 U	0.32 U	0.32 U	0.42 U	0.29 U	0.22 U	0.45 U
MRC-MW74A-073008	MRC-MW74A	20080730	1200 U	250 U	250 U	1200 U	1200 U	--	--	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U
MRC-MW74A-081409	MRC-MW74A	20090814	10 U	4.5 U	3 U	8 U	28 U	--	--	3.2 U	3.2 U	7.2 U	3.8 U	16 U	10 U	3.2 U	3.2 U
MRC-MW74A-111307	MRC-MW74A	20071114	10000 U	2000 U	2000 U	10000 U	10000 U	--	--	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U
MRC-MW74A-121107	MRC-MW74A	20071211	8300 U	1700 U	1700 U	8300 U	8300 U	--	--	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
MRC-MW74A-121207	MRC-MW74A	20071212	8300 U	1700 U	1700 U	8300 U	8300 U	--	--	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
MRC-MW74A-121407	MRC-MW74A	20071214	10000 U	2000 U	2000 U	10000 U	10000 U	--	--	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U
MRC-MW74A-20130321	MRC-MW74A	20130321	16 UJ	7.2 U	4.8 U	13 UJ	55 J	--	--	5.2 U	5.2 U	12 U	6 U	26 U	16 U	5.2 U	5.2 U
MRC-MW-74B-012816	MRC-MW74B	20160128	1200 U	--	--	2500 U	2400 U	--	--	880 U	--	--	730 U	1400 U	1100 U	950 U	1100 U
MRC-MW74B-03192012	MRC-MW74B	20120319	410 U	180 U	120 U	320 U	1100 U	--	--	130 U	130 U	290 U	150 U	640 U	410 U	130 U	130 U
MRC-MW74B-032217	MRC-MW74B	20170322	3100 U	--	--	1800 U	4400 U	--	--	700 U	--	--	750 U	1100 U	1100 U	850 U	880 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)														
			CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	CYCLOHEXANE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIETHYL ETHER	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW72B-041012	MRC-MW72B	20120410	21 U	26 U	41 U	23 U	43 U	24 U	20 U	--	40 U	44 U	--	210 U	16 U	--	24 U
MRC-MW-72B-041515	MRC-MW72B	20150415	0.26 J	1 U	1 U	1 U	1 U	2.4	1 UJ	1 U	--	1 U	--	--	--	--	1 U
MRC-MW72B-041817	MRC-MW72B	20170418	32 U	25 U	41 U	31 U	43 U	260	26 U	44 U	--	50 UJ	--	--	--	--	26 U
MRC-MW72B-041911	MRC-MW72B	20110419	19 U	22 U	36 U	20 U	38 U	21 U	18 U	--	35 U	39 U	--	190 U	14 U	--	21 U
MRC-MW-72B-042116	MRC-MW72B	20160421	31 U	54 U	40 UJ	31 U	55 U	33 U	58 U	56 U	--	40 U	--	--	--	--	31 U
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	25 U	30 U	48 UJ	27 U	50 U	28 U	23 U	--	47 U	52 U	--	250 U	18 UJ	--	28 U
MRC-MW72B-061714	MRC-MW72B	20140617	1.5 U	1.6 U	1.2 U	1.3 U	1.1 U	1.5 U	1.2 U	--	1.6 U	2.4 U	--	1 U	1 U	--	1 U
MRC-MW72B-073008	MRC-MW72B	20080730	170 U	170 U	170 U	170 U	170 U	170 U	170 U	--	170 U	170 U	--	830 U	--	830 U	170 U
MRC-MW72B-080709	MRC-MW72B	20090807	25.001 U	30.001 U	48.334 U	26.667 U	50.001 U	28.334 U	23.334 U	--	46.668 U	51.668 U	--	250.01 U	18.334 U	--	28.334 U
MRC-MW72B-111207	MRC-MW72B	20071112	200 U	200 U	200 U	200 U	200 U	200 U	200 U	--	200 U	200 U	--	1000 U	1000 U	--	200 U
MRC-MW72B-20130326	MRC-MW72B	20130326	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 UJ	--	1.5 U	--	0.11 U	0.17 U
MRC-MW73A-03162012	MRC-MW73A	20120316	0.15 U	0.18 U	0.29 U	0.19 J	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	0.15 U	0.18 U	0.29 U	0.16 U	1.3	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW73A-073008	MRC-MW73A	20080730	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	5 U	--	5 U	1 U
MRC-MW73A-110907	MRC-MW73A	20071109	1 U	1 U	1 U	0.17 J	1 U	1 U	1 U	--	1 U	1 U	--	5 U	5 U	--	1 U
MRC-MW73B-03162012	MRC-MW73B	20120316	0.94 U	1.1 U	1.8 UJ	1 U	1.9 U	3.5 J	0.88 U	--	1.8 U	1.9 U	--	9.4 U	0.69 U	--	1.1 U
MRC-MW73B-032317	MRC-MW73B	20170323	0.32 U	0.25 U	0.41 U	0.31 U	0.43 U	0.79 J	0.26 U	0.44 U	--	0.5 U	--	--	--	--	0.26 U
MRC-MW-73B-041515	MRC-MW73B	20150415	0.27 J	1 U	1 U	1 U	1 U	3.5	1 U	1 U	--	1 UJ	--	--	--	--	1 U
MRC-MW-73B-041516	MRC-MW73B	20160415	0.36 U	0.61 U	0.46 U	0.36 U	0.63 U	1.6	0.66 U	0.64 U	--	0.46 U	--	--	--	--	0.36 U
MRC-MW73B-041911	MRC-MW73B	20110419	1 U	1.2 U	1.9 U	1.1 U	2 U	3.5 J	0.93 U	--	1.9 U	2.1 U	--	10 U	0.73 U	--	1.1 U
MRC-MW73B-060410	MRC-MW73B	20100604	0.75 U	0.9 U	1.4 U	0.8 U	1.5 U	3.1 J	0.7 U	--	1.4 U	1.6 U	--	7.5 U	0.55 U	--	0.85 U
MRC-MW73B-060614	MRC-MW73B	20140606	0.29 U	0.31 U	0.24 U	0.25 U	0.21 U	2.2	0.24 U	--	0.32 U	0.46 U	--	0.2 U	0.2 U	--	0.2 U
MRC-MW73B-073108	MRC-MW73B	20080731	4 U	4 U	4 U	4 U	4 U	3.5 J	4 U	--	4 U	4 U	--	20 U	--	20 U	4 U
MRC-MW73B-081109	MRC-MW73B	20090811	0.75 U	0.9 U	1.4 U	0.8 U	1.5 U	3.5 J	0.7 U	--	1.4 U	1.6 U	--	7.5 U	0.55 U	--	0.85 U
MRC-MW73B-110907	MRC-MW73B	20071109	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	3.6 J	5.7 U	--	5.7 U	5.7 U	--	29 U	29 U	--	5.7 U
MRC-MW73B-20130319	MRC-MW73B	20130319	1 U	1.2 U	1.9 U	1.1 U	2 U	2.1 J	0.93 U	--	1.9 U	2.1 U	--	10 U	--	0.73 U	1.1 U
MRC-MW-74A-012816	MRC-MW74A	20160128	0.25 U	0.43 U	0.32 U	0.25 U	0.44 U	0.78 J	0.46 U	0.45 U	--	0.32 U	--	--	--	--	0.25 U
MRC-MW74A-03162012	MRC-MW74A	20120316	0.15 U	0.18 U	0.29 UJ	0.16 U	0.3 U	0.81 J	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW74A-032217	MRC-MW74A	20170322	1.1 U	0.83 U	1.4 U	1 U	1.4 U	2.8 J	0.87 U	1.5 U	--	1.7 U	--	--	--	--	0.87 U
MRC-MW74A-041511	MRC-MW74A	20110415	0.38 U	0.45 U	0.72 U	0.4 U	0.75 U	1.8 J	0.35 U	--	0.7 U	0.78 U	--	3.8 U	0.28 U	--	0.42 U
MRC-MW-74A-041516	MRC-MW74A	20160415	0.25 U	0.43 U	0.32 U	0.25 U	0.44 U	0.8 J	0.46 U	0.45 U	--	0.32 U	--	--	--	--	0.25 U
MRC-MW-74A-051115	MRC-MW74A	20150511	0.19 U	0.45 U	0.33 U	0.21 U	0.31 U	5.9	0.31 U	0.29 U	--	0.33 U	--	--	--	--	0.34 U
MRC-MW74A-060410	MRC-MW74A	20100604	1.3 J	0.45 U	0.72 U	0.4 U	0.75 U	2.7	0.35 U	--	0.7 U	0.78 U	--	3.8 U	0.28 U	--	0.42 U
MRC-MW74A-060614	MRC-MW74A	20140606	0.29 U	0.31 U	0.24 U	0.25 U	0.21 U	2	0.24 U	--	0.32 U	0.46 U	--	0.2 U	0.2 U	--	0.2 U
MRC-MW74A-073008	MRC-MW74A	20080730	250 U	250 U	250 U	250 U	250 U	520	250 U	--	250 U	250 U	--	1200 U	--	1200 U	250 U
MRC-MW74A-081409	MRC-MW74A	20090814	3.8 U	4.5 U	7.2 U	4 U	7.5 U	35	3.5 U	--	7 U	7.8 U	--	38 U	2.8 U	--	4.2 U
MRC-MW74A-111307	MRC-MW74A	20071114	2000 U	2000 U	2000 U	2000 U	2000 U	2900	2000 U	--	2000 U	2000 U	--	10000 U	10000 U	--	2000 U
MRC-MW74A-121107	MRC-MW74A	20071211	1700 U	1700 U	1700 U	1700 U	1700 U	2800	1700 U	--	1700 U	1700 U	--	8300 U	8300 U	--	1700 U
MRC-MW74A-121207	MRC-MW74A	20071212	1700 U	1700 U	1700 U	1700 U	1700 U	2300	1700 U	--	1700 U	1700 U	--	8300 U	8300 U	--	1700 U
MRC-MW74A-121407	MRC-MW74A	20071214	2000 U	2000 U	2000 U	2000 U	2000 U	2100	2000 U	--	2000 U	2000 U	--	10000 U	10000 U	--	2000 U
MRC-MW74A-20130321	MRC-MW74A	20130321	6 U	7.2 U	12 U	6.4 U	12 U	29 J	5.6 U	--	11 U	12 U	--	60 U	--	4.4 U	6.8 U
MRC-MW-74B-012816	MRC-MW74B	20160128	630 U	1100 U	800 U	630 U	1100 U	830 J	1200 U	1100 U	--	800 U	--	--	--	--	630 U
MRC-MW74B-03192012	MRC-MW74B	20120319	150 U	180 U	290 U	160 U	300 U	170 U	140 U	--	280 U	310 U	--	1500 U	110 U	--	170 U
MRC-MW74B-032217	MRC-MW74B	20170322	800 U	630 U	1000 U	780 U	1100 U	750 U	650 U	1100 U	--	1300 U	--	--	--	--	650 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	FLUORODICHLOROMETHANE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW72B-041012	MRC-MW72B	20120410	--	43 U	19 U	34 U	--	--	24 U	58 J	34 U	17 U	20 U	20 U	19 U	16 U	9.6 U
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	1 U	2 U	2 U	1 U	1 U	1 U	--	--	--	1 U	--	1 U	--
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	21 U	--	140 U	45 U	27 U	53 U	--	--	--	--	--	23 U	--
MRC-MW72B-041911	MRC-MW72B	20110419	--	38 U	16 U	30 U	--	--	21 U	56 J	30 U	15 U	18 U	18 U	16 U	14 U	8.4 U
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	44 U	--	280 U	54 U	25 U	41 U	--	--	--	--	--	56 U	--
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW72B-060310	MRC-MW72B	20100603	--	50 U	22 U	40 U	--	--	28 U	55 U	40 U	20 U	23 U	23 U	22 U	18 U	11 U
MRC-MW72B-061714	MRC-MW72B	20140617	--	3.1 U	1 U	1.7 U	--	--	1.5 U	1.6 U	1 U	1.1 U	1 U	1 U	1.4 U	1 U	1 U
MRC-MW72B-073008	MRC-MW72B	20080730	--	170 U	170 U	330 U	--	--	830 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	--
MRC-MW72B-080709	MRC-MW72B	20090807	--	50.001 U	21.667 U	40.001 U	--	--	28.334 U	107.27 B	40.001 U	20 U	23.334 U	23.334 U	21.667 U	18.334 U	11.167 U
MRC-MW72B-111207	MRC-MW72B	20071112	--	200 U	200 U	400 U	--	--	1000 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	1000 U
MRC-MW72B-20130326	MRC-MW72B	20130326	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.45 B	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	--
MRC-MW73A-03162012	MRC-MW73A	20120316	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-041511	MRC-MW73A	20110415	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW73A-060410	MRC-MW73A	20100604	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW73A-073008	MRC-MW73A	20080730	--	1 U	1 U	2 U	--	--	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
MRC-MW73A-110907	MRC-MW73A	20071109	--	1 U	1 U	2 U	--	--	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
MRC-MW73B-03162012	MRC-MW73B	20120316	--	1.9 U	0.81 U	1.5 U	--	--	1.1 U	4.1 B	1.5 U	0.75 U	0.88 U	0.88 U	0.81 U	0.69 U	0.42 U
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	0.21 U	--	1.4 U	0.45 U	0.27 U	0.53 U	--	--	--	--	--	0.23 U	--
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	1 U	2 U	2 U	1 UJ	1 U	1 U	--	--	--	1 U	--	1 U	--
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	0.5 U	--	3.2 U	0.61 U	0.29 U	0.47 U	--	--	--	--	--	0.64 U	--
MRC-MW73B-041911	MRC-MW73B	20110419	--	2 U	0.87 U	1.6 U	--	--	1.1 U	3.3 J	1.6 U	0.8 U	0.93 U	0.93 U	0.87 U	0.73 U	0.45 U
MRC-MW73B-060410	MRC-MW73B	20100604	--	1.5 U	0.65 U	1.2 U	--	--	0.85 U	1.6 U	1.2 U	0.6 U	0.7 U	0.7 U	0.65 U	0.55 U	0.34 U
MRC-MW73B-060614	MRC-MW73B	20140606	--	0.62 U	0.2 U	0.33 U	--	--	0.29 U	0.32 U	0.2 UJ	0.21 U	0.2 U	0.2 U	0.27 U	0.2 U	0.2 U
MRC-MW73B-073108	MRC-MW73B	20080731	--	4 U	4 U	8 U	--	--	20 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	--
MRC-MW73B-081109	MRC-MW73B	20090811	--	1.5 U	0.65 U	1.2 U	--	--	0.85 U	1.6 U	1.2 U	0.6 U	0.7 U	0.7 U	0.65 U	0.55 U	0.34 U
MRC-MW73B-110907	MRC-MW73B	20071109	--	5.7 U	5.7 U	11 U	--	--	29 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	29 U
MRC-MW73B-20130319	MRC-MW73B	20130319	--	2 U	0.87 U	1.6 U	--	--	1.1 U	2.2 U	1.6 UJ	0.8 U	0.93 U	0.93 U	0.87 U	0.73 U	--
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	0.35 U	--	2.3 U	0.43 U	0.2 U	0.33 U	--	--	--	--	--	0.45 U	--
MRC-MW74A-03162012	MRC-MW74A	20120316	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	0.7 U	--	4.8 U	1.5 U	0.9 U	3.4 U	--	--	--	--	--	0.77 U	--
MRC-MW74A-041511	MRC-MW74A	20110415	--	0.75 U	0.32 U	0.6 U	--	--	0.42 U	0.82 U	0.6 U	0.3 U	0.35 U	0.35 U	0.32 U	0.28 U	0.17 U
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	0.35 U	--	2.3 U	0.43 U	0.2 U	0.33 U	--	--	--	--	--	0.45 U	--
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	0.22 U	0.52 U	0.32 U	0.3 U	0.33 U	0.5 J	--	--	--	0.33 U	--	0.24 U	--
MRC-MW74A-060410	MRC-MW74A	20100604	--	0.75 U	0.32 U	0.6 U	--	--	0.42 U	0.82 U	0.6 U	0.3 U	0.35 U	0.35 U	0.32 U	0.28 U	0.17 U
MRC-MW74A-060614	MRC-MW74A	20140606	--	0.62 U	0.2 U	0.33 U	--	--	0.29 U	0.32 U	0.2 UJ	0.21 U	0.2 U	0.2 U	0.27 U	0.2 U	0.2 U
MRC-MW74A-073008	MRC-MW74A	20080730	--	250 U	250 U	500 U	--	--	1200 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	--
MRC-MW74A-081409	MRC-MW74A	20090814	--	7.5 U	3.2 U	6 U	--	--	4.2 U	8.2 U	6 U	3 U	3.5 U	3.5 U	3.2 U	2.8 U	1.7 U
MRC-MW74A-111307	MRC-MW74A	20071114	--	2000 U	2000 U	4000 U	--	--	10000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	10000 U
MRC-MW74A-121107	MRC-MW74A	20071211	--	1700 U	1700 U	3300 U	--	--	8300 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	8300 U
MRC-MW74A-121207	MRC-MW74A	20071212	--	1700 U	1700 U	3300 U	--	--	8300 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	8300 U
MRC-MW74A-121407	MRC-MW74A	20071214	--	2000 U	2000 U	4000 U	--	--	10000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	10000 U
MRC-MW74A-20130321	MRC-MW74A	20130321	--	12 U	5.2 U	9.6 U	--	--	6.8 U	18 B	9.6 UJ	4.8 U	5.6 U	5.6 U	5.2 U	4.4 U	--
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	880 U	--	5700 U	1100 U	500 U	830 U	--	--	--	--	--	1100 U	--
MRC-MW74B-03192012	MRC-MW74B	20120319	--	300 U	130 U	240 U	--	--	170 U	450 B	240 U	120 U	140 U	140 U	130 U	110 U	67 U
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	530 U	--	3600 U	1100 U	680 U	4000 U	--	--	--	--	--	580 U	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	
MRC-MW72B-041012	MRC-MW72B	20120410	--	19 U	560 UR	41 U	19 U	--	40 U	--	27 U	27 U	4300	30 U	27 U	31 U	NORMAL
MRC-MW-72B-041515	MRC-MW72B	20150415	--	--	--	0.66 U	1 U	--	--	--	1 U	1 U	1790	1 U	--	1 U	NORMAL
MRC-MW72B-041817	MRC-MW72B	20170418	--	--	--	30 U	23 U	--	24 U	--	29 U	31 U	3000	50 UJ	--	45 U	NORMAL
MRC-MW72B-041911	MRC-MW72B	20110419	--	16 U	490 UR	36 U	16 U	--	35 U	--	24 U	24 U	4000	26 U	24 U	28 U	NORMAL
MRC-MW-72B-042116	MRC-MW72B	20160421	--	--	--	39 U	29 U	--	65 U	65	38 U	70 U	3500 J	61 U	--	36 U	NORMAL
MRC-MW-72B-051115	MRC-MW72B	20150511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW72B-060310	MRC-MW72B	20100603	--	22 U	650 UR	48 U	22 U	--	47 U	--	32 U	32 U	4200	35 UJ	32 U	37 U	NORMAL
MRC-MW72B-061714	MRC-MW72B	20140617	--	1 U	54 U	1.5 U	1 U	--	2.7 U	--	1.7 U	1 U	2500	1 U	5.1 U	1.6 U	NORMAL
MRC-MW72B-073008	MRC-MW72B	20080730	830 U	170 U	3300 UR	170 U	170 U	--	330 U	--	170 U	170 U	3600	170 U	330 U	170 U	NORMAL
MRC-MW72B-080709	MRC-MW72B	20090807	--	21.667 U	650.01 UR	48.334 U	21.667 U	--	46.668 U	--	31.667 U	31.667 U	5705.5	35.001 U	31.667 U	36.667 U	NORMAL
MRC-MW72B-111207	MRC-MW72B	20071112	--	200 U	4000 UR	200 U	200 U	--	400 U	--	200 U	200 U	6000	200 U	400 U	200 U	NORMAL
MRC-MW72B-20130326	MRC-MW72B	20130326	0.067 U	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	30	0.21 U	0.19 UR	0.22 U	NORMAL
MRC-MW73A-03162012	MRC-MW73A	20120316	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 U	0.19 UR	0.22 U	NORMAL
MRC-MW73A-032317	MRC-MW73A	20170323	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW73A-041511	MRC-MW73A	20110415	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW-73A-041516	MRC-MW73A	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW73A-060410	MRC-MW73A	20100604	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW73A-073008	MRC-MW73A	20080730	5 U	1 U	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	1 U	1 U	2 U	1 U	NORMAL
MRC-MW73A-110907	MRC-MW73A	20071109	--	1 U	20 UR	1 U	1 U	--	2 U	--	1 U	1 U	8.2	1 U	2 U	1 U	NORMAL
MRC-MW73B-03162012	MRC-MW73B	20120316	--	0.81 U	24 UR	1.8 U	0.81 U	--	1.8 U	--	1.2 U	1.2 U	200	1.3 U	1.2 U	1.4 U	NORMAL
MRC-MW73B-032317	MRC-MW73B	20170323	--	--	--	0.3 U	0.23 U	--	0.24 U	--	0.29 U	0.31 U	30	0.5 U	--	0.45 U	NORMAL
MRC-MW-73B-041515	MRC-MW73B	20150415	--	--	--	1 U	1 U	--	--	--	1 U	1 U	68.8	1 U	--	1	NORMAL
MRC-MW-73B-041516	MRC-MW73B	20160415	--	--	--	0.44 U	0.33 U	--	0.74 U	0.74	0.43 U	0.8 U	46	0.7 UJ	--	0.41 U	NORMAL
MRC-MW73B-041911	MRC-MW73B	20110419	--	0.87 U	26 UR	1.9 U	0.87 U	--	1.9 U	--	1.3 U	1.3 U	180	1.4 U	1.3 U	1.5 U	NORMAL
MRC-MW73B-060410	MRC-MW73B	20100604	--	0.65 U	20 UR	1.4 U	0.65 U	--	1.4 U	--	0.95 U	0.95 U	150	1 U	0.95 U	1.1 U	NORMAL
MRC-MW73B-060614	MRC-MW73B	20140606	--	0.2 U	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	0.2 U	100	0.2 U	1.1 U	0.32 U	NORMAL
MRC-MW73B-073108	MRC-MW73B	20080731	20 U	4 U	80 UR	4 U	4 U	--	8 U	--	4 U	4 U	160	4 U	8 U	4 U	NORMAL
MRC-MW73B-081109	MRC-MW73B	20090811	--	0.65 U	20 UR	1.4 U	0.65 U	--	1.4 U	--	0.95 U	0.95 U	200	1 U	0.95 U	1.1 U	NORMAL
MRC-MW73B-110907	MRC-MW73B	20071109	--	5.7 U	110 UR	5.7 U	5.7 U	--	11 U	--	5.7 U	5.7 U	210	5.7 U	11 U	5.7 U	NORMAL
MRC-MW73B-20130319	MRC-MW73B	20130319	0.45 U	0.87 U	26 UR	1.9 U	0.87 U	--	1.9 U	--	1.3 U	1.3 U	130	1.4 U	1.3 UR	1.5 U	NORMAL
MRC-MW-74A-012816	MRC-MW74A	20160128	--	--	--	0.31 U	0.23 U	--	0.52 U	--	0.3 U	0.56 U	25	0.49 U	--	0.29 U	NORMAL
MRC-MW74A-03162012	MRC-MW74A	20120316	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	30	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW74A-032217	MRC-MW74A	20170322	--	--	--	1 U	0.77 U	--	0.8 U	--	0.97 U	1 U	84	1.7 U	--	1.5 U	NORMAL
MRC-MW74A-041511	MRC-MW74A	20110415	--	0.32 U	9.8 UR	0.72 U	0.32 U	--	0.7 U	--	0.48 U	0.48 U	76	0.52 U	0.48 U	0.55 U	NORMAL
MRC-MW-74A-041516	MRC-MW74A	20160415	--	--	--	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.56 U	24	0.49 UJ	--	0.29 U	NORMAL
MRC-MW-74A-051115	MRC-MW74A	20150511	--	--	--	0.35 U	0.23 U	--	--	--	0.26 U	0.29 U	122	0.24 U	--	0.3 U	NORMAL
MRC-MW74A-060410	MRC-MW74A	20100604	--	0.32 U	9.8 UR	0.72 U	0.32 U	--	0.7 U	--	0.48 U	0.48 U	78	0.52 U	0.48 U	0.55 U	NORMAL
MRC-MW74A-060614	MRC-MW74A	20140606	--	0.2 U	11 U	0.3 U	0.2 U	--	0.53 U	--	0.33 U	0.2 U	83	0.2 U	1.1 U	0.32 U	NORMAL
MRC-MW74A-073008	MRC-MW74A	20080730	1200 U	250 U	5000 UR	250 U	250 U	--	500 U	--	250 U	250 U	10000	250 U	500 U	250 U	NORMAL
MRC-MW74A-081409	MRC-MW74A	20090814	--	3.2 U	98 UR	7.2 U	3.2 U	--	7 U	--	4.8 U	4.8 U	690	5.2 U	4.8 U	5.5 U	NORMAL
MRC-MW74A-111307	MRC-MW74A	20071114	--	2000 U	40000 UR	2000 U	2000 U	--	4000 U	--	2000 U	2000 U	70000	2000 U	4000 U	2000 U	NORMAL
MRC-MW74A-121107	MRC-MW74A	20071211	--	1700 U	33000 UR	1700 U	1700 U	--	3300 U	--	1700 U	1700 U	64000	1700 U	3300 U	1700 U	NORMAL
MRC-MW74A-121207	MRC-MW74A	20071212	--	1700 U	33000 UR	1700 U	1700 U	--	3300 U	--	1700 U	1700 U	64000	1700 U	3300 UJ	1700 U	NORMAL
MRC-MW74A-121407	MRC-MW74A	20071214	--	2000 U	40000 UR	2000 U	2000 U	--	4000 U	--	2000 U	2000 U	68000	2000 U	4000 U	2000 U	NORMAL
MRC-MW74A-20130321	MRC-MW74A	20130321	2.7 U	5.2 U	160 UR	12 U	5.2 U	--	11 U	--	7.6 U	7.6 U	1400	8.4 UJ	7.6 UR	8.8 U	NORMAL
MRC-MW-74B-012816	MRC-MW74B	20160128	--	--	--	780 U	580 U	--	1300 U	--	750 U	1400 U	33000	1200 U	--	730 U	NORMAL
MRC-MW74B-03192012	MRC-MW74B	20120319	--	130 U	3900 UR	290 U	130 U	--	280 U	--	190 U	190 U	30000	210 U	190 UR	220 U	NORMAL
MRC-MW74B-032217	MRC-MW74B	20170322	--	--	--	750 U	580 U	--	600 U	--	730 U	780 U	38000	1300 U	--	1100 U	NORMAL

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURANS	DISSOLVED METALS (UG/L)												
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
			DIOXINS/FURANS	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED
			MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	0.035 U	0.42 B	39.1	0.45 B	0.11 B	0.38 B	54	0.7 B	47.5 B	0.099 B	689	0.1 U	0.12 U	29.6
MRC-MW74B-081709	MRC-MW74B	20090817	--	0.055 U	0.21 U	32.4	0.3 B	0.13 B	0.12 B	31	0.74 K	16.7 B	0.056 B	418	0.1 U	0.2 U	21.5
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	--	0.018 U	1.1	24.6	0.014 U	0.0042 U	5	0.31	0.66 B	57.6 B	0.17 U	8.4	0.1 U	8.9	4.4
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	0.035 U	0.93 B	257	0.81	0.061 B	0.094 B	297	0.38 B	69300	0.12 B	21800	0.1 U	0.12 U	128
MRC-MW79B-081109	MRC-MW79B	20090811	--	0.055 U	1.5	274	1.5	0.091 B	0.066 U	316	0.36 B	75200	0.041 B	22700	0.1 U	0.2 U	161
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	--	0.13 B	1.2 J	43.7	0.28 B	0.028 B	6.4	0.76 J	4.5 B	4400	3	75.6	0.1 U	3.8	7
MRC-MW94D-101510	MRC-MW94D	20101015	--	0.18 J	0.83 J	18.8 L	0.0059 U	0.025 U	0.065 B	0.093 B	0.34 B	620 L	0.02 B	64.1 L	0.1 U	1.3 J	1.3 B
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	2 U	0.51	41.9	3.6	0.15 B	0.24 B	28.4	2.6 B	50 U	0.071 B	461	0.2 U	2 U	11.8
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	2 U	0.26	31.9	0.62	0.007 B	11.7	12.8	1.3 B	50 U	1 U	31.5	0.2 U	2.7	21.4
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY
								FILTERED (0.10) METALS (UG/L)									
			DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	0.18 B	0.0026 U	0.11 U	0.63	648	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	0.24	0.033 U	0.12 U	0.6 U	306	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	0.1	0.0032 U	0.094 U	3.8	5.2 B	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	0.31 B	0.004 B	0.13 B	0.46 U	997	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	0.14 U	0.033 U	0.12 U	0.6 U	189	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	0.4 B	0.015 U	0.13 U	6.5 J	14.5 B	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-101510	MRC-MW94D	20101015	0.13 UL	0.015 U	0.13 U	0.43 U	1.6 B	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	0.74 B	1 U	1 U	0.47	46.3	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	0.26 B	1 U	1 U	3.1	33.6	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER
																	FILTEF
			FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	0.19 B	0.37 B	36.9	1.4 L	0.09 B	1.2	25.6	4.1
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	0.055 B	0.47 B	39.2	1.4 L	0.089 B	0.46 B	27.3	4.5
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	0.09 B	0.38 B	37.6	1.7 L	0.089 B	0.26 B	25.4	4.7
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	--	--	--	0.13 B	0.27 U	33.6	0.91	0.1	0.054 UL	32.7	3.1
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	0.048 U	0.97	133	0.54	0.043 B	0.054 UL	229	0.31 B
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-101510	MRC-MW94D	20101015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	LED (0.45) METALS (UG/L)														
			LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
			FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	0.16 U	0.49 U	39	0.12 U	0.061 U
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	0.13 U	0.4 U	34.9	0.23 J	0.13 U
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	0.1 B	0.28 B	33.2	0.39 B	0.11 B
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	--	--	--	--	--	--	--	--	0.043 B	0.46 B	38.2	0.47 B	0.14 B
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	--	--	--	--	--	--	--	--	0.055 U	0.21 U	33.1	0.34	0.1 B
MRC-MW74B-103007	MRC-MW74B	20071030	1.5	0.1 U	6.5 B	27.9	1.6 U	0.021 U	0.023 U	0.25 U	42.5	--	0.38 B	0.59 B	36.5	1.3 L	0.078 B
MRC-MW74B-110107	MRC-MW74B	20071101	0.43	0.1 U	0.86 B	29.2	1.6 U	0.021 U	0.023 U	0.55 B	48.9	--	0.067 B	0.6 B	38.6	1.5 L	0.068 B
MRC-MW74B-110207	MRC-MW74B	20071102	0.42	0.1 U	3.5 B	29.2	1.6 U	0.021 U	0.023 U	0.58 B	52.9	--	0.095 B	0.37 B	38.5	1.8 L	0.09 B
MRC-MW74B-111307	MRC-MW74B	20071114	0.17 B	0.1 U	5.4 B	24.7	1.6 U	0.021 U	0.023 U	0.25 U	46.6	--	0.13 B	0.27 U	33.4	0.98	0.093
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	0.18 J	1.3 J	34	0.2 J	0.13 U
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	0.13 U	0.76 J	41	0.2 U	0.13 U
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	0.27 B	1.1 J	32	0.22 B	0.025 U
MRC-MW74C-110308	MRC-MW74C	20081103	--	--	--	--	--	--	--	--	--	--	0.018 U	2.5	55.6	0.96	0.0042 UL
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	0.13 U	2.8 J	310	1.9	0.13 U
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	0.13 U	2.1 J	242	2.5	0.16 J
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	0.74 U	1.4 J	190	1.3	0.37 U
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	0.157 U	1.2	227	1.2	0.008 U
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	0.054 B	1.7 J	249	1.4	0.075 B
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	--	--	--	--	--	--	--	--	0.068 B	0.69 B	228	0.99	0.081 B
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	--	--	--	--	--	--	--	--	0.076 B	1.4	274	1.4	0.082 B
MRC-MW79B-111507	MRC-MW79B	20071115	0.086 B	0.1 U	0.66 U	147	1.6 UL	0.021 U	0.023 U	0.25 U	135	--	0.048 U	0.87	140	0.51	0.029 B
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	0.3 U	2.9 J	320	2	0.28 J
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	--	--	--	--	--	--	--	--	--	--	0.18 B	4.1 J	133	1.3	0.12 B
MRC-MW94D-101510	MRC-MW94D	20101015	--	--	--	--	--	--	--	--	--	--	0.15 J	1.3 J	33 L	0.17 J	0.036 B
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	0.3 U	0.9 U	13	0.1 U	0.1 U
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	--	--	--	--	--	--	--	--	2 U	0.66	42.6	3.8	0.14 B
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	--	--	--	--	--	--	--	--	2 U	0.54	34.6	2.6	0.031 B
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)													
			CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE
			METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L
MRC-MW-74B-041316	MRC-MW74B	20160413	--	0.6 U	0.94 J	0.75 U	--	0.31 J	--	--	0.09 U	0.23 U	7.8	--	0.25 U	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	0.71 U	6.6	0.66 B	--	0.18 UL	--	--	0.12 U	0.093 U	15.8	--	1.2 UL	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	1.2 J	13.8	2.6 B	1240	0.099 B	--	202	0.1 U	0.27 U	17.6	--	0.26 B	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	0.34 B	53.7	0.67 B	195	0.19 B	--	667	0.1 U	0.12 U	29.2	--	0.14 U	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	--	0.26 B	32.2	0.88 K	292	0.11 B	--	437	0.1 U	0.28 B	21.7	--	0.14 U	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	--	4.1	26.3	4.3	--	1.4	--	--	0.1 U	1.7 B	28.1	--	1.6 U	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	--	2.2	28.3	4.7	--	0.43	--	--	0.1 U	0.66 U	29.5	--	1.6 U	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	--	1.1 B	26.2	5.2	--	0.32	--	--	0.1 U	0.97 B	30.4	--	1.6 U	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	0.054 UL	31.9	3.3	--	0.17 B	--	--	0.1 U	0.66 U	24.1	--	1.6 U	--	--
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	0.84 J	1.7	1 J	--	0.51 J	--	--	0.12 U	0.1 B	6.5	--	0.57 U	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	2.2	2.7	3.5 B	--	0.94 J	--	--	0.1 U	0.22 L	6.6	--	1.2 U	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	3.5	2.4	3.4 B	4630	0.71 J	--	45	0.1 U	0.75 B	4.3	--	0.15 B	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	--	17.5	6.1	7.6	16600	3.3	--	65.7	0.1 U	7.5	13.5	--	0.39	--	--
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	0.71 U	320	6.9	--	0.18 U	--	--	0.12 U	0.5 B	110	--	0.57 U	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-042111	MRC-MW79B	20110421	--	2.8 L	304	12.6	--	0.98 J	--	--	0.12 U	0.093 U	122	--	1.2 U	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	7.4	220	19	51900	1.7 J	--	14000	0.17 U	0.74 U	74	--	1.9 U	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	823 U	274 J	13	64300	0.154 J	--	19900	0.024 U	0.195 U	74.2	--	0.881 J	3730	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	0.57 J	307	2.5 B	73400	0.3 J	--	21900	0.1 U	0.27 U	129	--	0.13 UL	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	0.2 B	258	1.2 B	51400	0.13 B	--	17600	0.1 U	0.12 U	127	--	0.29 B	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	--	0.081 B	322	4.6	77800	0.16 B	--	22800	0.1 U	0.43 B	162	--	0.14 U	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	0.054 UL	243	0.67 B	--	0.13 B	--	--	0.1 U	0.66 U	151	--	2.3 L	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	2.9	300	16	--	0.78 J	--	--	0.1 UL	0.81 B	100	--	0.52 J	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	--	28.1	2.6	13.1	18100	14.5	--	214	0.1 U	5.2	20.4	--	0.96 J	--	--
MRC-MW94D-101510	MRC-MW94D	20101015	--	4.6	0.39 J	2 B	3930 L	2.1 L	--	79.7 L	0.1 U	1.6 J	3.8	--	0.13 UL	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	0.9 U	0.97 J	9.1	--	0.2 U	--	--	0.1 U	0.2 U	4.9	--	0.5 UL	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	1.3	30	3.7 B	1410	0.31 B	--	467	0.2 U	2 U	12.4 L	--	0.82 B	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	13.4	15.3	6.2	638	0.33 B	--	36.3	0.2 U	2.8	25.5 L	--	0.19 B	--	--
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE										MICROBIOLOGICAL (CELLS/ML)				
			SILVER	SODIUM	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	BAV1 VC R-DASE	DEHALOBACTER	DEHALOCOCCOIDES	TCE R-DASE	VC R-DASE
			METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML
MRC-MW-74B-041316	MRC-MW74B	20160413	0.02 U	--	0.074 U	--	--	--	--	--	0.75 J	52	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	0.08 U	--	0.14 U	--	--	--	--	--	0.44 U	380	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	0.015 U	--	0.19 B	--	--	--	--	--	2.1 J	290	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	0.0026 U	--	0.11 U	--	--	--	--	--	1	626	--	--	--	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	0.033 U	--	0.21 B	--	--	--	--	--	0.6 U	318	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	0.021 U	--	0.023 U	--	--	--	--	--	0.25 U	43.5	--	--	--	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	0.04 B	--	0.023 U	--	--	--	--	--	0.35 B	50.6	--	--	--	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	0.021 U	--	0.023 U	--	--	--	--	--	0.26 B	54.3	--	--	--	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	0.021 U	--	0.023 U	--	--	--	--	--	0.37	46.5	--	--	--	--	--
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	0.08 U	--	0.14 U	--	--	--	--	--	1.1 J	150	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	0.08 U	--	0.13 UL	--	--	--	--	--	2.4 J	418	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	0.015 U	--	0.13 U	--	--	--	--	--	4.9 J	361	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	0.0032 U	--	0.14 B	--	--	--	--	--	23.4	23.8 B	--	--	--	--	--
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	0.08 U	--	0.14 U	--	--	--	--	--	0.44 U	150	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-042111	MRC-MW79B	20110421	0.08 U	--	0.14 U	--	--	--	--	--	2.7 J	277	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	0.74 U	--	0.3 U	--	--	--	--	--	12	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	0.015 U	--	0.061 J	--	--	--	--	--	0.479 U	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	0.015 U	--	0.13 U	--	--	--	--	--	0.99 B	282	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	0.012 B	--	0.22 B	--	--	--	--	--	0.46 U	3160	--	--	--	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	0.033 U	--	0.16 B	--	--	--	--	--	0.6 U	230	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	0.021 B	--	0.028 B	--	--	--	--	--	0.25 U	142	--	--	--	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	0.1 U	--	0.2 U	--	--	--	--	--	4.8 J	170	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	0.015 UL	--	0.14 B	--	--	--	--	--	28.9	35.5	--	--	--	--	--
MRC-MW94D-101510	MRC-MW94D	20101015	0.015 U	--	0.13 U	--	--	--	--	--	2.9 J	10.7 B	--	--	--	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	0.1 U	--	0.2 U	--	--	--	--	--	0.8 U	6 J	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	1 U	--	0.12 B	--	--	--	--	--	1.3	42.7	--	--	--	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	1 U	--	1 U	--	--	--	--	--	4.8	63.8	--	--	--	--	--
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)														
			ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON	HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE	NITRITE-N
			MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	--	--	--	20.8	--	--	--	--	0.9	--	0.1 U
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-101510	MRC-MW94D	20101015	--	--	--	--	--	--	--	--	--	--	0.0006 UR	--	--	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	0.48	--	--	190	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	0.54	--	--	190	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	0.53	--	--	210	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	--	--	--	--	2.9	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	0.045 J	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	0.025 J	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	0.19 J	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL PHOSPHORUS-P	TOTAL SUSPENDED SOLIDS	PH	BROMIDE
																MISCELLANEOUS	MISCELLANEOU
			MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	S.U.	UG/L
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	6E-05 J	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	--	--	--	--	--	--	5.1	--
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	--	--	--	--	--	--	5.1	--
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	5.1	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	--	11.2	96	--	1	--	--	--	16	--	--
MRC-MW74B-20130321	MRC-MW74B	20130321	--	0.0003 J	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-101510	MRC-MW94D	20101015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	--	--	--	--	--	--	--	--	1.2	--	--	--	--	--	--
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	S PARAMETERS	PCB HOMOLOGS (UG/L)														
			PERCHLORATE	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS
			MISCELLANEOUS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS,	PCB HOMOLOGS,	PCB HOMOLOGS,
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	0.06 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	0.073 U	0.0056 U	0.031 U	0.016 U	0.0058 U	0.051 U	0.04 U	--	0.015 U	0.014 U	0.0068 U	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-101510	MRC-MW94D	20101015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCB HOMOLOGS, FILTERED (UG/L)															
			MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232
			PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-101510	MRC-MW94D	20101015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCBS (UG/L)														
			AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	BETA-BHC	CHLORDANE (TECHNICAL)	DECACHLOROBIPHENYL	DELTA-BHC	DICHLOROBIPHENYLS	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-101510	MRC-MW94D	20101015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ENDRIN	ENDRIN ALDEHYDE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-101510	MRC-MW94D	20101015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE			PETROLEUM HYDROCARBONS		PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)						
			TOXAPHENE	TRICHLOROBIPHENYLS	OIL & GREASE - HEM	OIL & GREASE-SGT-HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235
			PCBS (UG/L)	PCBS (UG/L)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
			UG/L	UG/L	MG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-101510	MRC-MW94D	20101015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE				SEMIVOLATILE											
			URANIUM-235/236	URANIUM-236	URANIUM-238	1,4-DIOXANE	1,1-BIPHENYL	1,2,4-TRICHLOROBENZENE	1,2-DIPHENYLHYDRAZINE	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE
			RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILE	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	--	--	--	2.9 U	--	--	--	--	--	--	--
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	0.47 U	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	0.49 U	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	0.49 U	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	--	--	--	--	10 U	--	--	1 U	10 U	10 U	10 U	10 U	10 U	50 U	10 U
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	14	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	0.8 J	--	--	--	--	--	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	0.057 U	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	--	--	--	--	0.8 U	--	--	0.49 U	0.4 U	0.3 U	0.8 U	0.8 U	0.8 U	2.4 U	0.27 U
MRC-MW94D-101510	MRC-MW94D	20101015	--	--	--	--	--	--	--	0.49 U	--	--	--	--	--	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	0.53 U	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	10 U	10 U	10 U	10 U	10 U	50 U	10 U	--	50 U	50 U	50 U	10 U	10 U	10 U	10 U
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	0.8 U	0.1 U	0.29 U	0.1 U	0.8 U	0.8 U	0.28 U	--	0.37 U	0.28 U	2.4 U	0.8 U	0.8 U	0.8 U	0.3 U
MRC-MW94D-101510	MRC-MW94D	20101015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)														
			4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZIDINE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
			SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	10 U	50 U	50 U	10 U	10 U	10 U	10 U	10 U	--	10 U	10 U	10 U	--	10 U	10 U
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	0.8 U	0.8 U	2.4 U	0.1 U	0.1 U	0.34 U	0.1 U	0.34 U	--	0.1 U	0.1 U	0.39 U	--	0.1 U	0.1 U
MRC-MW94D-101510	MRC-MW94D	20101015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	0.1 U	0.1 U	0.1 U	0.32 U	0.1 U	2.1 B	1.1	0.8 U	0.28 U	0.1 U	0.1 U	0.1 U	0.6 U	0.29 U	0.67 U
MRC-MW94D-101510	MRC-MW94D	20101015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	0.8 U	0.1 U	0.1 U	0.1 U	0.27 U	0.8 U	0.8 U	0.1 U	0.27 U	0.1 U	0.04 U	0.31 U	0.8 U	0.31 U	2.4 U
MRC-MW94D-101510	MRC-MW94D	20101015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)										VC
			PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL-	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE	DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	SILANOL, TRIMETHYL-	ETHANE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILE GASES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74B-111307	MRC-MW74B	20071114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.41 J
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-110308	MRC-MW74C	20081103	10 U	10 U	10 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	--	--	--	--	18 NJ	--	--	--	--	--	--	--	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	0.1 U	0.6 U	0.1 U	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-101510	MRC-MW94D	20101015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILE GASES (UG/L)															
			ETHENE	METHANE	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE
			VOLATILE GASES	VOLATILE GASES	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	550 U	280 U	300 U	560 U	380 U	560 U	--	--	--	--	400 U	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	--	190 U	180 U	150 U	--	230 U	120 U	160 U	110 U	140 U	360 U	4.9 U	120 U	100 U
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	1 U	1 U	0.43 J	106	1 U	3.3	--	2 U	--	--	2 U	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	--	1.1 U	1.8 U	1.3 U	--	7.7	1 U	2.9 U	1.5 U	4.1 U	3.5 U	--	1.2 U	1 U
MRC-MW74B-060710	MRC-MW74B	20100607	--	--	160 U	160 U	130 U	--	200 U	110 U	140 U	93 U	120 U	310 U	4.2 U	110 U	86 U
MRC-MW74B-073108	MRC-MW74B	20080731	--	--	500 U	500 U	500 U	--	500 U	500 U	500 U	500 U	500 U	500 U	2500 U	500 U	500 U
MRC-MW74B-081709	MRC-MW74B	20090817	--	--	140 U	140 U	110 U	--	180 U	94 U	120 U	81 U	110 U	270 U	3.7 U	94 U	75 U
MRC-MW74B-103007	MRC-MW74B	20071030	--	--	100 U	100 U	100 U	--	100 U	100 U	100 U	100 U	100 U	100 U	500 U	100 U	100 U
MRC-MW74B-110107	MRC-MW74B	20071101	--	--	200 U	200 U	200 U	--	200 U	200 U	200 U	200 U	200 U	200 U	1000 U	200 U	200 U
MRC-MW74B-110207	MRC-MW74B	20071102	--	--	250 U	250 U	250 U	--	250 U	250 U	250 U	250 U	250 U	250 U	1200 U	250 U	250 U
MRC-MW74B-111307	MRC-MW74B	20071114	0.88	0.44 J	330 U	330 U	330 U	--	330 U	330 U	330 U	330 U	330 U	330 U	1700 U	330 U	330 U
MRC-MW74B-20130321	MRC-MW74B	20130321	--	--	290 U	280 U	230 U	--	350 U	190 U	240 U	160 U	210 UJ	540 U	7.4 U	190 UJ	150 U
MRC-MW74C-03192012	MRC-MW74C	20120319	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW74C-060710	MRC-MW74C	20100607	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW74C-110308	MRC-MW74C	20081103	--	--	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	0.26 B
MRC-MW74C-20130319	MRC-MW74C	20130319	--	--	0.46 U	0.44 U	0.36 U	--	0.56 U	0.3 U	0.38 U	0.26 U	0.34 UJ	0.86 U	0.012 U	0.3 U	0.24 U
MRC-MW79B-03192012	MRC-MW79B	20120319	--	--	2.9 U	2.8 U	2.3 U	--	3.5 U	1.9 U	5.4 J	1.6 U	2.1 U	5.4 U	0.074 U	1.9 U	1.5 U
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	12 U	16 U	17 U	21 UJ	13 U	14 U	--	18 U	--	--	14 U	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	2.2 U	1.1 U	1.2 U	2.3 U	2.1 J	2.8 J	--	--	--	--	1.6 U	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	29 U	15 U	16 U	30 U	20 U	30 U	--	--	--	--	21 U	--
MRC-MW79B-042111	MRC-MW79B	20110421	--	--	2.9 U	2.8 U	2.2 U	--	3.5 U	2.9 J	4.3 J	1.6 U	2.1 U	5.4 U	0.074 U	1.9 U	1.5 U
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	0.22 U	0.34 U	0.33 U	0.26 U	2.4	4.3	--	0.93 U	--	--	0.82 U	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	--	0.44 U	0.72 U	0.5 UJ	--	0.62 U	2	3.1	0.58 U	1.7 U	1.4 U	--	0.46 U	0.4 U
MRC-MW79B-060310	MRC-MW79B	20100603	--	--	3.3 U	3.1 U	2.6 U	--	4 U	3.9 J	6.8 J	1.9 U	2.4 U	6.1 U	0.084 U	2.1 U	1.7 U
MRC-MW79B-073108	MRC-MW79B	20080731	--	--	20 U	20 U	20 U	--	20 U	20 U	20 U	20 U	20 U	20 U	100 U	4.9 J	20 U
MRC-MW79B-081109	MRC-MW79B	20090811	--	--	4.6 U	4.4 U	3.6 U	--	5.6 U	5.3 J	7.8 J	2.6 U	3.4 U	8.6 U	0.12 U	3 U	2.4 U
MRC-MW79B-111507	MRC-MW79B	20071115	--	--	20 U	20 U	20 U	--	20 U	20 U	4.2 J	20 U	20 U	20 U	100 U	20 U	20 U
MRC-MW79B-20130320	MRC-MW79B	20130320	--	--	2.2 U	2.1 U	1.7 U	--	2.7 U	2.5 J	4 J	1.2 U	1.6 U	4.1 U	0.056 U	1.4 U	1.1 U
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	0.44 U	0.22 U	0.24 U	0.45 U	0.3 U	0.45 U	--	--	--	--	0.32 U	--
MRC-MW94D-061010	MRC-MW94D	20100610	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW94D-101510	MRC-MW94D	20101015	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW94D-20130430	MRC-MW94D	20130430	--	--	0.23 U	0.22 U	0.18 U	--	0.28 UJ	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	--	0.23 U	0.22 U	0.18 U	--	0.28 U	0.15 U	0.19 U	0.13 U	0.17 U	0.43 U	0.0059 U	0.15 U	0.12 U
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	--	200 U	200 U	200 U	--	200 U	200 U	200 U	200 U	200 U	200 U	1000 U	200 U	200 U
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	--	250 U	250 U	250 U	--	250 U	250 U	250 U	250 U	250 U	250 U	1200 U	250 U	250 U
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	--	--	--	0.44 U	0.22 U	0.24 U	0.45 U	0.3 U	0.45 U	--	--	--	--	0.32 U	--
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRICHLOROBENZENE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	1,4-DIOXANE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-74B-041316	MRC-MW74B	20160413	1000 U	400 U	310 U	290 U	310 U	--	--	240 U	--	340 U	--	--	660 U	--	--
MRC-MW74B-041511	MRC-MW74B	20110415	560 U	200 U	110 U	180 U	150 U	--	--	120 U	130 U	110 U	--	110 U	470 U	820 U	92 U
MRC-MW-74B-051315	MRC-MW74B	20150513	7 U	1 U	1 U	1 U	1 U	--	--	1 U	--	0.95 J	320 UJ	--	10 U	--	--
MRC-MW74B-060614	MRC-MW74B	20140606	3.7 U	1.2 U	1.1 U	1.8 U	1 U	--	--	1 U	1.4 U	1 U	--	1.4 U	4.1 U	2.2 U	1 U
MRC-MW74B-060710	MRC-MW74B	20100607	480 U	170 U	93 U	160 U	130 U	--	--	100 U	110 U	93 U	--	93 U	410 U	710 U	79 U
MRC-MW74B-073108	MRC-MW74B	20080731	1000 U	500 U	500 U	500 U	500 U	--	--	500 U	500 U	500 U	--	500 U	380 B	2500 U	500 U
MRC-MW74B-081709	MRC-MW74B	20090817	420 U	150 U	81 U	140 U	110 U	--	--	88 U	100 U	81 U	--	81 U	360 U	620 U	69 U
MRC-MW74B-103007	MRC-MW74B	20071030	200 U	100 U	100 U	100 U	100 U	--	--	100 U	100 U	100 U	--	100 U	500 U	500 U	100 U
MRC-MW74B-110107	MRC-MW74B	20071101	400 U	200 U	200 U	200 U	200 U	--	--	200 U	200 U	200 U	--	200 U	1000 U	1000 U	200 U
MRC-MW74B-110207	MRC-MW74B	20071102	500 U	250 U	250 U	250 U	250 U	--	--	250 U	250 U	250 U	--	250 U	1200 U	1200 U	250 U
MRC-MW74B-111307	MRC-MW74B	20071114	670 U	330 U	330 U	330 U	330 U	--	--	330 U	330 U	330 U	--	330 U	270 B	1700 U	330 U
MRC-MW74B-20130321	MRC-MW74B	20130321	840 U	300 U	160 U	280 U	230 U	--	--	180 U	200 U	160 U	--	160 U	710 UJ	1200 UJ	140 U
MRC-MW74C-03192012	MRC-MW74C	20120319	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW74C-060710	MRC-MW74C	20100607	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW74C-110308	MRC-MW74C	20081103	2 U	1 U	1 U	1 U	1 U	--	--	1 U	1 U	1 U	--	1 U	1.2 B	5 U	1 U
MRC-MW74C-20130319	MRC-MW74C	20130319	1.3 U	0.48 U	0.26 U	0.44 U	0.36 U	--	--	0.28 U	0.32 U	0.26 U	--	0.26 U	1.1 U	2 UR	0.22 U
MRC-MW79B-03192012	MRC-MW79B	20120319	8.4 U	3 U	1.6 U	2.8 U	2.3 U	--	--	1.8 U	2 U	1.6 U	--	1.6 U	7.1 U	12 U	1.4 U
MRC-MW79B-032817	MRC-MW79B	20170328	24 U	12 U	13 U	15 U	15 U	17 U	--	16 U	--	12 U	--	--	51 U	--	--
MRC-MW-79B-032916	MRC-MW79B	20160328	4.1 U	1.6 U	1.3 U	1.2 U	1.3 U	--	--	0.95 U	--	1.4 U	--	--	2.7 U	--	--
MRC-MW-79B-041516	MRC-MW79B	20160415	55 U	21 U	17 U	15 U	17 U	--	--	13 U	--	18 U	--	--	35 UJ	--	--
MRC-MW79B-042111	MRC-MW79B	20110421	8.4 U	3 U	1.6 U	2.8 U	2.2 U	--	--	1.8 U	2 U	1.6 U	--	1.6 U	7.1 U	12 U	1.4 U
MRC-MW-79B-042115	MRC-MW79B	20150421	1.5 U	0.28 U	0.38 U	0.32 U	0.24 U	--	--	0.25 U	--	0.27 U	58.9 U	--	1.8 U	--	--
MRC-MW79B-060214	MRC-MW79B	20140602	1.5 U	0.48 U	0.42 U	0.72 UJ	0.4 U	--	--	0.4 U	0.54 U	0.4 U	--	0.54 U	1.7 U	0.88 U	0.4 U
MRC-MW79B-060310	MRC-MW79B	20100603	9.6 U	3.4 U	1.9 U	3.1 U	2.6 U	--	--	2 U	2.3 U	1.9 U	--	1.9 U	8.1 U	14 U	1.6 U
MRC-MW79B-073108	MRC-MW79B	20080731	40 U	20 U	20 U	20 U	20 U	--	--	20 U	20 U	20 U	--	20 U	15 B	100 U	20 U
MRC-MW79B-081109	MRC-MW79B	20090811	13 U	4.8 U	2.6 U	4.4 U	3.6 U	--	--	2.8 U	3.2 U	2.6 U	--	2.6 U	11 U	20 U	2.2 U
MRC-MW79B-111507	MRC-MW79B	20071115	40 U	20 U	20 U	20 U	20 U	--	--	20 U	20 U	20 U	--	20 U	100 U	100 U	20 U
MRC-MW79B-20130320	MRC-MW79B	20130320	6.4 U	2.3 U	1.2 U	2.1 U	1.7 U	--	--	1.3 U	1.5 U	1.2 U	--	1.2 U	5.4 U	9.4 U	1 U
MRC-MW-94D-042216	MRC-MW94D	20160422	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	--	0.27 U	--	--	0.53 U	--	--
MRC-MW94D-061010	MRC-MW94D	20100610	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW94D-101510	MRC-MW94D	20101015	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW94D-20130430	MRC-MW94D	20130430	0.67 U	0.24 U	0.13 U	0.22 U	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MW94D-GW-72	MRC-MW94D	20100505	0.67 U	0.24 U	0.13 U	0.24 B	0.18 U	--	--	0.14 U	0.16 U	0.13 U	--	0.13 U	0.57 U	0.99 U	0.11 U
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	400 U	200 U	200 U	200 U	200 U	--	--	200 U	200 U	200 U	--	200 U	130 B	1000 U	200 U
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	500 U	250 U	250 U	250 U	250 U	--	--	250 U	250 U	250 U	--	250 U	160 B	1200 U	250 U
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	0.82 U	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	--	0.27 U	--	--	0.53 U	--	--
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	ACROLEIN	ACRYLONITRILE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-74B-041316	MRC-MW74B	20160413	600 U	--	--	1200 U	1200 U	--	--	440 U	--	--	360 U	700 U	550 UJ	480 U	540 U
MRC-MW74B-041511	MRC-MW74B	20110415	340 U	150 U	100 U	270 U	920 U	--	--	110 U	110 U	240 U	120 U	530 U	340 U	110 U	110 U
MRC-MW-74B-051315	MRC-MW74B	20150513	5 U	--	--	5 U	10 U	--	--	1 U	--	1 U	1 U	1 U	1 U	1 U	1 U
MRC-MW74B-060614	MRC-MW74B	20140606	8.3 U	1.2 U	1 U	3.4 U	6.2 U	--	--	1 U	1.5 U	1.6 U	1.6 U	2.1 U	1.5 U	1.1 U	2.3 U
MRC-MW74B-060710	MRC-MW74B	20100607	290 U	130 U	86 U	230 U	790 U	--	--	93 U	93 U	210 U	110 U	460 U	290 U	93 U	93 U
MRC-MW74B-073108	MRC-MW74B	20080731	2500 U	500 U	500 U	2500 U	2500 U	--	--	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
MRC-MW74B-081709	MRC-MW74B	20090817	260 U	110 U	75 U	200 U	690 U	--	--	81 U	81 U	180 U	94 U	400 U	260 U	81 U	81 U
MRC-MW74B-103007	MRC-MW74B	20071030	500 U	100 U	100 U	500 U	500 U	--	--	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
MRC-MW74B-110107	MRC-MW74B	20071101	1000 U	200 U	200 U	1000 U	1000 U	--	--	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
MRC-MW74B-110207	MRC-MW74B	20071102	1200 U	250 U	250 U	1200 U	1200 U	--	--	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U
MRC-MW74B-111307	MRC-MW74B	20071114	1700 U	330 U	330 U	1700 U	1700 U	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
MRC-MW74B-20130321	MRC-MW74B	20130321	510 UJ	230 U	150 U	400 UJ	1900 J	--	--	160 U	160 U	360 U	190 U	800 U	510 U	160 U	160 U
MRC-MW74C-03192012	MRC-MW74C	20120319	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW74C-060710	MRC-MW74C	20100607	0.41 U	0.18 U	0.12 U	0.32 U	7.9	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW74C-110308	MRC-MW74C	20081103	5 U	1 U	0.36 B	5 U	5.5 B	--	--	1 U	1 U	1 U	1 U	1 U	1 U	8.4	1 U
MRC-MW74C-20130319	MRC-MW74C	20130319	0.82 U	0.36 U	0.24 U	0.64 U	2.2 U	--	--	0.26 U	0.26 U	0.58 U	0.3 U	1.3 U	0.82 U	0.26 U	0.26 U
MRC-MW79B-03192012	MRC-MW79B	20120319	5.1 U	2.3 U	1.5 U	4 U	14 U	--	--	1.8 J	1.6 U	3.6 U	1.9 U	8 U	5.1 U	1.6 U	1.6 U
MRC-MW79B-032817	MRC-MW79B	20170328	62 U	--	--	36 U	88 U	--	--	14 U	--	--	15 U	22 U	21 U	17 UJ	18 U
MRC-MW-79B-032916	MRC-MW79B	20160328	2.4 U	--	--	5 U	4.7 U	--	--	1.8 U	--	--	1.5 U	2.8 U	2.2 U	1.9 U	2.2 U
MRC-MW-79B-041516	MRC-MW79B	20160415	32 UJ	--	--	66 U	63 UJ	--	--	23 U	--	--	19 U	37 U	29 UJ	25 U	29 U
MRC-MW79B-042111	MRC-MW79B	20110421	5.1 U	2.2 U	1.5 U	4 U	14 B	--	--	1.6 U	1.6 U	3.6 U	1.9 U	8 U	5.1 U	1.6 U	1.6 U
MRC-MW-79B-042115	MRC-MW79B	20150421	1.3 U	--	--	1.5 U	3.1 U	--	--	1.7	--	0.32 U	0.27 U	0.4 U	0.39 UJ	0.23 UJ	0.31 U
MRC-MW79B-060214	MRC-MW79B	20140602	3.4 U	0.48 U	0.4 U	1.4 U	2.5 U	--	--	1.4 J	0.56 U	0.64 U	0.64 U	0.84 U	0.58 UJ	0.44 U	0.9 UJ
MRC-MW79B-060310	MRC-MW79B	20100603	5.9 U	2.6 U	1.7 U	4.6 U	16 U	--	--	1.9 U	1.9 U	4.1 U	2.1 U	9.1 U	5.9 UJ	1.9 U	1.9 U
MRC-MW79B-073108	MRC-MW79B	20080731	100 U	20 U	20 U	100 U	100 U	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
MRC-MW79B-081109	MRC-MW79B	20090811	8.2 U	3.6 U	2.4 U	6.4 U	22 U	--	--	2.6 U	2.6 U	5.8 U	3 U	13 U	8.2 U	2.6 U	2.6 U
MRC-MW79B-111507	MRC-MW79B	20071115	100 U	20 U	20 U	100 U	27 B	--	--	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
MRC-MW79B-20130320	MRC-MW79B	20130320	3.9 U	1.7 U	1.1 U	3 U	10 U	--	--	2.7 J	1.2 U	2.8 U	1.4 U	6.1 U	3.9 U	1.2 U	1.2 U
MRC-MW-94D-042216	MRC-MW94D	20160422	0.48 U	--	--	0.99 U	0.94 UJ	--	--	0.35 U	--	--	0.29 U	0.56 U	0.44 U	0.38 U	0.43 U
MRC-MW94D-061010	MRC-MW94D	20100610	0.41 U	0.18 U	0.12 U	0.32 U	11 B	--	--	0.13 U	0.13 U	0.29 U	0.23 J	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MW94D-101510	MRC-MW94D	20101015	0.41 U	0.18 U	0.12 U	0.32 U	2.4 B	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	1	0.13 U
MRC-MW94D-20130430	MRC-MW94D	20130430	0.41 U	0.18 U	0.12 U	0.32 U	1.1 U	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 UJ	0.13 U	0.13 U
MRC-MW94D-GW-72	MRC-MW94D	20100505	0.41 U	0.18 U	0.12 U	0.32 U	2.2 J	--	--	0.13 U	0.13 U	0.29 U	0.15 U	0.64 U	0.41 U	0.13 U	0.13 U
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	1000 U	200 U	200 U	1000 U	230 B	--	--	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	1200 U	250 U	250 U	1200 U	310 B	--	--	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	0.48 U	--	--	0.99 U	1.3 U	--	--	0.35 U	--	--	0.29 U	0.56 U	0.44 U	0.38 U	0.43 U
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)														
			CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	CYCLOHEXANE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIETHYL ETHER	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-74B-041316	MRC-MW74B	20160413	310 U	540 U	400 U	310 U	550 U	780 J	580 U	560 U	--	400 U	--	--	--	--	310 U
MRC-MW74B-041511	MRC-MW74B	20110415	120 U	150 U	240 U	130 U	250 U	320 J	120 U	--	230 U	260 U	--	1200 U	92 U	--	140 U
MRC-MW-74B-051315	MRC-MW74B	20150513	6.3	1 U	1 U	7	1 U	500	1 U	1 U	--	1 U	--	--	--	--	1 U
MRC-MW74B-060614	MRC-MW74B	20140606	1.5 U	1.6 U	1.2 U	1.3 U	1.1 U	21	1.2 U	--	1.6 U	2.4 U	--	1 U	1 U	--	1 U
MRC-MW74B-060710	MRC-MW74B	20100607	110 U	130 U	210 U	110 U	210 U	360 J	100 U	--	200 U	220 U	--	1100 U	79 U	--	120 U
MRC-MW74B-073108	MRC-MW74B	20080731	500 U	500 U	500 U	500 U	500 U	260 J	500 U	--	500 U	500 U	--	2500 U	--	2500 U	500 U
MRC-MW74B-081709	MRC-MW74B	20090817	94 U	110 U	180 U	100 U	190 U	360 J	88 U	--	180 U	190 U	--	940 U	69 U	--	110 U
MRC-MW74B-103007	MRC-MW74B	20071030	100 U	100 U	100 U	100 U	100 U	100 U	100 U	--	100 U	100 U	--	500 U	500 U	--	100 U
MRC-MW74B-110107	MRC-MW74B	20071101	200 U	200 U	200 U	200 U	200 U	200 U	200 U	--	200 U	200 U	--	1000 U	1000 U	--	200 U
MRC-MW74B-110207	MRC-MW74B	20071102	250 U	250 U	250 U	250 U	250 U	250 U	250 U	--	250 U	250 U	--	1200 U	1200 U	--	250 U
MRC-MW74B-111307	MRC-MW74B	20071114	330 U	330 U	330 U	330 U	330 U	330 U	330 U	--	330 U	330 U	--	1700 U	1700 U	--	330 U
MRC-MW74B-20130321	MRC-MW74B	20130321	190 U	230 U	360 U	200 U	380 U	410 J	180 U	--	350 U	390 U	--	1900 U	--	140 U	210 U
MRC-MW74C-03192012	MRC-MW74C	20120319	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.7 J	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW74C-060710	MRC-MW74C	20100607	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW74C-110308	MRC-MW74C	20081103	1 U	1 U	1 U	8.8	0.6 J	1 U	1 U	--	1 U	1 U	--	5 U	--	5 U	1 U
MRC-MW74C-20130319	MRC-MW74C	20130319	0.3 U	0.36 U	0.58 U	0.32 U	0.6 U	0.74 J	0.28 U	--	0.56 U	0.62 U	--	3 U	--	0.22 U	0.34 U
MRC-MW79B-03192012	MRC-MW79B	20120319	1.9 U	2.3 U	3.6 U	2 U	3.8 U	100	1.8 U	--	3.5 U	3.9 U	--	19 U	1.4 U	--	2.1 U
MRC-MW79B-032817	MRC-MW79B	20170328	16 U	13 U	21 U	16 U	22 U	1900	13 U	22 UJ	--	25 UJ	--	--	--	--	13 U
MRC-MW-79B-032916	MRC-MW79B	20160328	1.3 U	2.2 U	1.6 U	1.3 U	2.2 U	93	2.3 U	2.3 U	--	1.6 U	--	--	--	--	1.3 U
MRC-MW-79B-041516	MRC-MW79B	20160415	17 U	29 U	21 U	17 U	29 U	750	31 U	30 U	--	21 U	--	--	--	--	17 U
MRC-MW79B-042111	MRC-MW79B	20110421	1.9 U	2.2 U	3.6 U	2 U	3.8 U	97	1.8 U	--	3.5 U	3.9 U	--	19 U	1.4 U	--	2.1 U
MRC-MW-79B-042115	MRC-MW79B	20150421	0.19 U	0.45 U	0.33 U	0.21 U	0.31 U	102	0.31 UJ	0.61 J	--	0.33 UJ	--	--	--	--	0.34 U
MRC-MW79B-060214	MRC-MW79B	20140602	0.58 U	0.62 U	0.48 U	0.72 J	0.42 U	71	0.48 U	--	0.64 U	0.92 U	--	0.4 U	0.4 U	--	0.4 U
MRC-MW79B-060310	MRC-MW79B	20100603	2.1 U	2.6 U	4.1 UJ	2.3 U	4.3 U	130	2 U	--	4 U	4.4 U	--	21 U	1.6 UJ	--	2.4 U
MRC-MW79B-073108	MRC-MW79B	20080731	20 U	20 U	20 U	20 U	20 U	170	20 U	--	20 U	20 U	--	100 U	--	100 U	20 U
MRC-MW79B-081109	MRC-MW79B	20090811	3 U	3.6 U	5.8 U	3.2 U	6 U	170	2.8 U	--	5.6 U	6.2 U	--	30 U	2.2 U	--	3.4 U
MRC-MW79B-111507	MRC-MW79B	20071115	20 U	20 U	20 U	20 U	20 U	180	20 U	--	20 U	20 U	--	100 U	100 U	--	20 U
MRC-MW79B-20130320	MRC-MW79B	20130320	1.4 U	1.7 U	2.8 U	1.5 U	2.9 U	98	1.3 U	--	2.7 U	3 UJ	--	14 U	--	1 U	1.6 U
MRC-MW-94D-042216	MRC-MW94D	20160422	0.25 U	0.43 U	0.32 UJ	0.25 U	0.44 UJ	0.26 U	0.46 U	0.45 U	--	0.32 U	--	--	--	--	0.25 U
MRC-MW94D-061010	MRC-MW94D	20100610	0.15 U	0.18 U	0.29 U	10	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW94D-101510	MRC-MW94D	20101015	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MW94D-20130430	MRC-MW94D	20130430	0.15 U	0.18 U	0.29 U	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 UJ	--	1.5 U	--	0.11 U	0.17 U
MRC-MW94D-GW-72	MRC-MW94D	20100505	0.15 U	0.18 U	0.29 UJ	0.16 U	0.3 U	0.17 U	0.14 U	--	0.28 U	0.31 U	--	1.5 U	0.11 U	--	0.17 U
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	200 U	200 U	200 U	200 U	200 U	220	200 U	--	200 U	200 U	--	1000 U	--	1000 U	200 U
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	250 U	250 U	250 U	250 U	250 U	250 U	250 U	--	250 U	250 U	--	1200 U	--	1200 U	250 U
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	0.25 U	0.43 U	0.32 UJ	0.25 U	0.44 U	0.26 U	0.46 U	0.45 U	--	0.32 U	--	--	--	--	0.25 U
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	FLUORODICHLOROMETHANE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	440 U	--	2800 U	540 U	250 U	410 U	--	--	--	--	--	560 U	--
MRC-MW74B-041511	MRC-MW74B	20110415	--	250 U	110 U	200 U	--	--	140 U	270 U	200 U	100 U	120 U	120 U	110 U	92 U	56 U
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	1 U	2 U	2 U	1 U	1 U	2.5	--	--	--	1 U	--	1 U	--
MRC-MW74B-060614	MRC-MW74B	20140606	--	3.1 U	1 U	1.7 U	--	--	1.5 U	1.6 U	1 UJ	1.1 U	1 U	1 U	1.4 U	1 U	1 U
MRC-MW74B-060710	MRC-MW74B	20100607	--	210 U	93 U	170 U	--	--	120 U	240 U	170 U	86 U	100 U	100 U	93 U	79 U	48 U
MRC-MW74B-073108	MRC-MW74B	20080731	--	500 U	500 U	1000 U	--	--	2500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	--
MRC-MW74B-081709	MRC-MW74B	20090817	--	190 U	81 U	150 U	--	--	110 U	210 U	150 U	75 U	88 U	88 U	81 U	69 U	42 U
MRC-MW74B-103007	MRC-MW74B	20071030	--	100 U	100 U	200 U	--	--	500 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	500 U
MRC-MW74B-110107	MRC-MW74B	20071101	--	200 U	200 U	400 U	--	--	1000 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	1000 U
MRC-MW74B-110207	MRC-MW74B	20071102	--	250 U	250 U	500 U	--	--	1200 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	1200 U
MRC-MW74B-111307	MRC-MW74B	20071114	--	330 U	330 U	670 U	--	--	1700 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	1700 U
MRC-MW74B-20130321	MRC-MW74B	20130321	--	380 U	160 U	300 U	--	--	210 U	410 U	300 UJ	150 U	180 U	180 U	160 U	140 U	--
MRC-MW74C-03192012	MRC-MW74C	20120319	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MRC-MW74C-050611	MRC-MW74C	20110506	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW74C-060710	MRC-MW74C	20100607	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW74C-110308	MRC-MW74C	20081103	--	1 U	1 U	2 U	--	--	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
MRC-MW74C-20130319	MRC-MW74C	20130319	--	0.6 U	0.26 U	0.48 U	--	--	0.34 U	0.66 U	0.48 UJ	0.24 U	0.28 U	0.28 U	0.26 U	0.22 U	--
MRC-MW79B-03192012	MRC-MW79B	20120319	--	3.8 U	1.6 U	3 U	--	--	57 J	5.1 B	3 U	1.5 U	1.8 U	1.8 U	1.6 U	1.4 U	0.84 U
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	11 U	--	72 U	23 UJ	14 U	27 U	--	--	--	--	--	12 U	--
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	1.8 U	--	11 U	2.2 U	37	4.5 U	--	--	--	--	--	2.3 U	--
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	23 U	--	150 U	29 U	13 U	22 U	--	--	--	--	--	30 U	--
MRC-MW79B-042111	MRC-MW79B	20110421	--	3.8 U	1.6 U	3 U	--	--	58 J	8.6 B	3 U	1.5 U	1.8 U	1.8 U	1.6 U	1.4 U	0.84 U
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	0.22 U	0.52 U	0.32 U	0.3 UJ	40.3	0.45 U	--	--	--	0.33 U	--	0.24 U	--
MRC-MW79B-060214	MRC-MW79B	20140602	--	1.3 U	0.4 U	0.66 U	--	--	36	0.64 UJ	0.4 U	0.42 U	0.4 U	0.4 U	0.54 U	0.4 U	0.4 U
MRC-MW79B-060310	MRC-MW79B	20100603	--	4.3 U	1.9 U	3.4 U	--	--	170	4.7 U	3.4 U	1.7 U	2 U	2 U	1.9 U	1.6 U	0.96 U
MRC-MW79B-073108	MRC-MW79B	20080731	--	20 U	20 U	40 U	--	--	43 J	20 U	20 U	20 U	20 U	20 U	20 U	20 U	--
MRC-MW79B-081109	MRC-MW79B	20090811	--	6 U	2.6 U	4.8 U	--	--	84 J	6.6 U	4.8 U	2.4 U	2.8 U	2.8 U	2.6 U	2.2 U	1.3 U
MRC-MW79B-111507	MRC-MW79B	20071115	--	20 U	20 U	40 U	--	--	85 J	20 U	20 U	20 U	20 U	20 U	20 U	20 U	100 U
MRC-MW79B-20130320	MRC-MW79B	20130320	--	2.9 U	1.2 U	2.3 U	--	--	39	4 B	2.3 U	1.1 U	1.3 U	1.3 U	1.2 U	1 U	--
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	0.35 U	--	2.3 U	0.43 U	0.2 U	0.33 UJ	--	--	--	--	--	0.45 U	--
MRC-MW94D-061010	MRC-MW94D	20100610	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.54 B	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW94D-101510	MRC-MW94D	20101015	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MW94D-20130430	MRC-MW94D	20130430	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	--
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	0.3 U	0.13 U	0.24 U	--	--	0.17 U	0.33 U	0.24 U	0.12 U	0.14 U	0.14 U	0.13 U	0.11 U	0.067 U
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	--	200 U	200 U	400 U	--	--	1000 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	--
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	--	250 U	250 U	500 U	--	--	1200 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	--
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-031516	OUTFALL_08	20160315	--	--	0.35 U	--	2.3 U	0.43 U	0.2 U	0.33 U	--	--	--	--	--	0.45 U	--
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	
MRC-MW-74B-041316	MRC-MW74B	20160413	--	--	--	390 U	290 U	--	650 U	650	380 U	700 U	37000	610 UJ	--	360 U	NORMAL
MRC-MW74B-041511	MRC-MW74B	20110415	--	110 U	3200 UR	240 U	110 U	--	230 U	--	160 U	160 U	23000	170 U	160 U	180 U	NORMAL
MRC-MW-74B-051315	MRC-MW74B	20150513	--	--	--	1 U	1 U	--	--	--	2.6	1 U	21800	1 U	--	1 U	NORMAL
MRC-MW74B-060614	MRC-MW74B	20140606	--	1 U	54 U	1.5 U	1 U	--	2.7 U	--	1.7 U	1 U	1900	1 U	5.1 U	1.6 U	NORMAL
MRC-MW74B-060710	MRC-MW74B	20100607	--	93 U	2800 UR	210 U	93 U	--	200 U	--	140 U	140 U	19000	150 U	140 U	160 U	NORMAL
MRC-MW74B-073108	MRC-MW74B	20080731	2500 U	500 U	10000 UR	500 U	500 U	--	1000 U	--	500 U	500 U	12000	500 U	1000 U	500 U	NORMAL
MRC-MW74B-081709	MRC-MW74B	20090817	--	81 U	2400 UR	180 U	81 U	--	180 U	--	120 U	120 U	17000	130 U	120 U	140 U	NORMAL
MRC-MW74B-103007	MRC-MW74B	20071030	--	100 U	2000 UR	100 U	100 U	--	200 U	--	100 U	100 U	4000	100 U	200 U	100 U	NORMAL
MRC-MW74B-110107	MRC-MW74B	20071101	--	200 U	4000 UR	200 U	200 U	--	400 U	--	200 U	200 U	5800	200 U	400 U	200 U	NORMAL
MRC-MW74B-110207	MRC-MW74B	20071102	--	250 U	5000 UR	250 U	250 U	--	500 U	--	250 U	250 U	6900	250 U	500 U	250 U	NORMAL
MRC-MW74B-111307	MRC-MW74B	20071114	--	330 U	6700 UR	330 U	330 U	--	670 U	--	330 U	330 U	13000	330 U	670 U	330 U	NORMAL
MRC-MW74B-20130321	MRC-MW74B	20130321	84 U	160 U	4900 UR	360 U	160 U	--	350 U	--	240 U	240 U	40000	260 UJ	240 UR	280 U	NORMAL
MRC-MW74C-03192012	MRC-MW74C	20120319	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	35	0.21 U	0.19 UR	0.22 U	NORMAL
MRC-MW74C-032217	MRC-MW74C	20170322	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
MRC-MW74C-050611	MRC-MW74C	20110506	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	25	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW74C-060710	MRC-MW74C	20100607	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	3.7	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW74C-110308	MRC-MW74C	20081103	5 U	1 U	20 UR	1 U	0.19 J	--	2 U	--	1 U	1 U	6.8	1 U	2 U	1 U	NORMAL
MRC-MW74C-20130319	MRC-MW74C	20130319	0.13 U	0.26 U	7.8 UR	0.58 U	0.26 U	--	0.56 U	--	0.38 U	0.38 U	54	0.42 U	0.38 UR	0.44 U	NORMAL
MRC-MW79B-03192012	MRC-MW79B	20120319	--	1.6 U	49 UR	3.6 U	1.6 U	--	3.5 U	--	2.4 U	2.4 U	350	2.6 U	2.4 UR	27	NORMAL
MRC-MW79B-032817	MRC-MW79B	20170328	--	--	--	15 U	12 U	--	12 U	--	16 J	16 U	1600	25 U	--	38 J	NORMAL
MRC-MW-79B-032916	MRC-MW79B	20160328	--	--	--	1.6 U	1.2 U	--	2.6 U	2.6	3.5 J	2.8 U	150	2.5 U	--	17	NORMAL
MRC-MW-79B-041516	MRC-MW79B	20160415	--	--	--	21 U	15 U	--	35 U	35	20 U	37 U	2100	33 UJ	--	32 J	NORMAL
MRC-MW79B-042111	MRC-MW79B	20110421	--	1.6 U	49 UR	3.6 U	1.6 U	--	3.5 U	--	5.4 J	2.4 U	350	2.6 U	2.4 U	24	NORMAL
MRC-MW-79B-042115	MRC-MW79B	20150421	--	--	--	0.35 J	0.23 U	--	--	--	4.7 J	0.29 U	284	0.24 U	--	20	NORMAL
MRC-MW79B-060214	MRC-MW79B	20140602	--	0.4 U	27 J	0.6 U	0.4 U	--	1.1 U	--	3.9	0.4 U	300	0.4 U	2.1 UJ	16	NORMAL
MRC-MW79B-060310	MRC-MW79B	20100603	--	1.9 U	56 UR	4.1 U	1.9 U	--	4 U	--	8.1 J	2.7 U	460	3 UJ	2.7 U	26	NORMAL
MRC-MW79B-073108	MRC-MW79B	20080731	100 U	20 U	400 UR	20 U	20 U	--	40 U	--	20 U	20 U	590	20 U	40 U	13 J	NORMAL
MRC-MW79B-081109	MRC-MW79B	20090811	--	2.6 U	78 UR	5.8 U	2.6 U	--	5.6 U	--	8.3 J	3.8 U	640	4.2 U	3.8 U	36	NORMAL
MRC-MW79B-111507	MRC-MW79B	20071115	--	20 U	400 UR	20 U	20 U	--	40 U	--	5.8 J	20 U	570	20 U	40 U	34	NORMAL
MRC-MW79B-20130320	MRC-MW79B	20130320	0.64 U	1.2 U	37 UR	2.8 U	1.2 U	--	2.7 U	--	1.8 U	1.8 U	320	2 UJ	1.8 UR	26	NORMAL
MRC-MW-94D-042216	MRC-MW94D	20160422	--	--	--	0.31 U	0.23 U	--	0.52 U	0.52	0.3 U	0.56 U	0.22 U	0.49 U	--	0.29 U	NORMAL
MRC-MW94D-061010	MRC-MW94D	20100610	--	0.13 U	3.9 UR	0.29 U	0.21 J	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW94D-101510	MRC-MW94D	20101015	--	0.13 U	3.9 UR	0.29 U	0.17 J	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MW94D-20130430	MRC-MW94D	20130430	0.067 U	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 UJ	0.19 UR	0.22 U	NORMAL
MRC-MW94D-GW-72	MRC-MW94D	20100505	--	0.13 U	3.9 UR	0.29 U	0.13 U	--	0.28 U	--	0.19 U	0.19 U	0.17 U	0.21 U	0.19 U	0.22 U	NORMAL
MRC-MWPZ01A-073008	MRC-PZ01A	20080730	1000 U	200 U	4000 UR	200 U	200 U	--	400 U	--	200 U	200 U	5100	200 U	400 U	200 U	NORMAL
MRC-MWPZ01B-073008	MRC-PZ01B	20080730	1200 U	250 U	5000 UR	250 U	250 U	--	500 U	--	250 U	250 U	7800	250 U	500 U	250 U	NORMAL
OUTFALL_08-022412	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
OUTFALL_08-022412-2	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
OUTFALL_08-022412-3	OUTFALL_08	20120224	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
OUTFALL-8-031516	OUTFALL_08	20160315	--	--	--	0.31 U	0.23 U	--	0.52 U	--	0.3 U	0.56 U	1.3	0.49 U	--	0.29 U	NORMAL
OUTFALL-8-050416	OUTFALL_08	20160504	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
OUTFALL-8-051116	OUTFALL_08	20160511	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
OUTFALL-8-052716	OUTFALL_08	20160527	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-10-GW	SB-010	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-11-GW	SB-011	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-12-GW	SB-012	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-13-GW	SB-013	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DIOXINS/FURANS	DISSOLVED METALS (UG/L)												
			2,3,7,8-TCDD	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	MOLYBDENUM	NICKEL
			DIOXINS/FURANS MG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	--	5 U	5 U	--	11	5 U	5 U	--	7.5	--	5 U	--	1 U	--	170
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	--	5 U	5 U	--	4 U	5 U	5 U	--	5 U	--	5 U	--	1 U	--	5 U
SB-36-GW	SB-036	20040917	--	5 U	5 U	--	4 U	5 U	5 U	--	5 U	--	5 U	--	1 U	--	5 U
SB-3A-GW	SB-003A	20040920	--	5 U	5 U	--	4 U	5 U	5 U	--	14	--	5 U	--	1 U	--	140
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	5 U	8.2	--	4 U	5 U	8.2	--	16	--	6.9	--	1 U	--	22
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY
								FILTERED (0.10) METALS (UG/L)									
			DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	DISSOLVED UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L	FILTERED (0.10) UG/L
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	5 U	5 U	2 U	--	850	--	--	--	--	--	--	--	--	--	--
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	5 U	5 U	2 U	--	50 U	--	--	--	--	--	--	--	--	--	--
SB-36-GW	SB-036	20040917	5 U	5 U	2 U	--	50 U	--	--	--	--	--	--	--	--	--	--
SB-3A-GW	SB-003A	20040920	5 U	5 U	2 U	--	1200	--	--	--	--	--	--	--	--	--	--
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	5 U	5 U	2 U	--	150	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER
																	FILTER
			FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.10)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)	FILTERED (0.45)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-GW	SB-036	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3A-GW	SB-003A	20040920	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	LED (0.45) METALS (UG/L)														
			LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
			FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	FILTERED (0.45) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L	METALS (UG/L) UG/L
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	--	--	--	--	--	--	--	--	--	--	5 U	5 U	--	32	5 U
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	--	--	--	--	--	--	--	--	--	--	5 U	5 U	--	4 U	5 U
SB-36-GW	SB-036	20040917	--	--	--	--	--	--	--	--	--	--	5 U	5 U	--	6.4	5 U
SB-3A-GW	SB-003A	20040920	--	--	--	--	--	--	--	--	--	--	5 U	5 U	--	4 U	5 U
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	5 U	45	--	210	11
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	METALS (UG/L)													
			CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILICON	SILICON DIOXIDE
			METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	--	31	--	67	--	27	--	--	1 U	--	210	--	5.6	--	--
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	--	11	--	5 U	--	5 U	--	--	1 U	--	5 U	--	5 U	--	--
SB-36-GW	SB-036	20040917	--	100	--	75	--	56	--	--	1 U	--	49	--	6.9	--	--
SB-3A-GW	SB-003A	20040920	--	21	--	36	--	5 U	--	--	1 U	--	190	--	5 U	--	--
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	720	--	1200	--	700	--	--	1.5	--	1600	--	22	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	620	--	--	110	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	1200	--	--	72	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	510	--	--	47	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	73 U	--	--	110	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	1300	--	--	140	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	180 U	--	--	38	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	8100	--	--	220	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SILVER	SODIUM	THALLIUM	URANIUM-233	URANIUM-234	URANIUM-235	URANIUM-236	URANIUM-238	VANADIUM	ZINC	MICROBIOLOGICAL (CELLS/ML)				
													BAV1 VC R-DASE	DEHALOBACTER	DEHALOCCCOIDES	TCE R-DASE	VC R-DASE
			METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	METALS (UG/L)	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC	MICROBIOLOGIC
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML	CELLS/ML
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	5 U	--	2 U	--	--	--	--	--	--	1300	--	--	--	--	--
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	5 U	--	2 U	--	--	--	--	--	--	50 U	--	--	--	--	--
SB-36-GW	SB-036	20040917	5 U	--	2 U	--	--	--	--	--	--	76	--	--	--	--	--
SB-3A-GW	SB-003A	20040920	5 U	--	2 U	--	--	--	--	--	--	1400	--	--	--	--	--
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	5 U	--	2.3	--	--	--	--	--	--	22000	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	0.5 U	4.5 U	0.5 U	0.5 U	0.5 U
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	0.5 U	453	4.6	0.1 J	0.5 U
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	0.5 U	0.4 J	0.5 U	0.5 U	0.5 U
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	0.5 U	675	2.1	0.5 U	0.5 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	MISCELLANEOUS PARAMETERS (MG/L)														
			ALKALINITY	AMMONIA	AMMONIA-N	BIOCHEMICAL OXYGEN DEMAND	BROMIDE	CARBONATE ALKALINITY	CHEMICAL OXYGEN DEMAND	CHLORIDE	CYANIDE	DISSOLVED ORGANIC CARBON	HEXAVALENT CHROMIUM	NITRATE	NITRATE-N	NITRITE	NITRITE-N
			MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L	MISCELLANEOUS MG/L
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-GW	SB-036	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3A-GW	SB-003A	20040920	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	29	--	--	--	0.019 U	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	4 J	--	--	--	0.032 J	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	8	--	--	--	0.019 U	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	7.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	42	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	0.11 J	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	53	--	--	--	0.033 J	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ORTHOPHOSPHATE-P	PERCHLORATE	PHOSPHATE	SILICA	SILICON DIOXIDE	SULFATE	TOTAL DISSOLVED SOLIDS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON-1	TOTAL ORGANIC CARBON-2	TOTAL PHOSPHORUS-P	TOTAL SUSPENDED SOLIDS	PH	BROMIDE
																MISCELLANEOUS	MISCELLANEOU
			MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS	MISCELLANEOUS
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	S.U.	UG/L
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-GW	SB-036	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3A-GW	SB-003A	20040920	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	7.1	160	--	0.34 J	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	0.33 J	51	--	0.23 U	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	2.6	77	--	0.31 U	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	7.5	160	--	0.53 J	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	4.5	94	--	0.67 J	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	39	170	--	2.9	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	12	180	--	1.4	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	S PARAMETERS	PCB HOMOLOGS (UG/L)														
			PERCHLORATE	DECACHLOROBIPHENYL	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	DICHLOROBIPHENYLS	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS
			MISCELLANEOUS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS	PCB HOMOLOGS,	PCB HOMOLOGS,	PCB HOMOLOGS,
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	4 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	4 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-36-GW	SB-036	20040917	4 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-3A-GW	SB-003A	20040920	4 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-46-GW	SB-046	20040921	4 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	PCB HOMOLOGS, FILTERED (UG/L)														
			MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TRICHLOROBIPHENYLS	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232
			PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCB HOMOLOGS, UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L	PCBS (UG/L) UG/L
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	--	--	--	--	--	--	--	--	--	--	--	--	0.5 U	0.5 U	0.5 U
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	--	--	--	--	--	--	--	--	--	--	--	--	0.5 U	0.5 U	0.5 U
SB-36-GW	SB-036	20040917	--	--	--	--	--	--	--	--	--	--	--	--	0.5 U	0.5 U	0.5 U
SB-3A-GW	SB-003A	20040920	--	--	--	--	--	--	--	--	--	--	--	--	0.5 U	0.5 U	0.5 U
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	BETA-BHC	CHLORDANE (TECHNICAL)	DECACHLOROBIPHENYL	DELTA-BHC	DICHLOROBIPHENYLS	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	0.5 U	0.5 U	0.5 U	0.5 U	--	--	--	--	--	--	--	--	--	--	--
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	0.5 U	0.5 U	0.5 U	0.5 U	--	--	--	--	--	--	--	--	--	--	--
SB-36-GW	SB-036	20040917	0.5 U	0.5 U	0.5 U	0.5 U	--	--	--	--	--	--	--	--	--	--	--
SB-3A-GW	SB-003A	20040920	0.5 U	0.5 U	0.5 U	0.5 U	--	--	--	--	--	--	--	--	--	--	--
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	ENDRIN	ENDRIN ALDEHYDE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	HEPTACHLOROBIPHENYLS	HEXACHLOROBIPHENYLS	MONOCHLOROBIPHENYLS	NONACHLOROBIPHENYLS	OCTACHLOROBIPHENYLS	PCB-209	PENTACHLOROBIPHENYLS	TETRACHLOROBIPHENYLS	TOTAL AROCLOR	TOTAL AROCLOR HALFND
			PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)	PCBS (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	0 U	--
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--	0 U	--
SB-36-GW	SB-036	20040917	--	--	--	--	--	--	--	--	--	--	--	--	--	0 U	--
SB-3A-GW	SB-003A	20040920	--	--	--	--	--	--	--	--	--	--	--	--	--	0 U	--
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE			PETROLEUM HYDROCARBONS		PETROLEUM HYDROCARBONS (UG/L)				RADIONUCLIDES (PCI/L)						
			TOXAPHENE	TRICHLOROBIPHENYLS	OIL & GREASE - HEM	OIL & GREASE-SGT-HEM	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TOTAL PETROLEUM HYDROCARBONS	TPH (C09-C36)	THORIUM-228	THORIUM-230	THORIUM-232	URANIUM-233	URANIUM-233/234	URANIUM-234	URANIUM-235
			PCBS (UG/L)	PCBS (UG/L)	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES
			UG/L	UG/L	MG/L	MG/L	UG/L	UG/L	UG/L	UG/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L	PCI/L
SB-14-GW	SB-014	20031119	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	3000	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	--	--	--	--	500 U	100 U	--	--	--	--	--	--	--	--	--
SB-2-GW	SB-002	20031120	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	--	--	--	--	500 U	100 U	--	--	--	--	--	--	--	--	--
SB-36-GW	SB-036	20040917	--	--	--	--	500 U	100 U	--	--	--	--	--	--	--	--	--
SB-3A-GW	SB-003A	20040920	--	--	--	--	500 U	140	--	--	--	--	--	--	--	--	--
SB-46-GW	SB-046	20040921	--	--	--	--	--	100 U	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	500 U	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	500 U	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	600	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	2000 U	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE				SEMIVOLATILE											
			URANIUM-235/236	URANIUM-236	URANIUM-238	1,4-DIOXANE	1,1-BIPHENYL	1,2,4-TRICHLOROBENZENE	1,2-DIPHENYLHYDRAZINE	1,4-DIOXANE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE
			RADIONUCLIDES	RADIONUCLIDES	RADIONUCLIDES	SEMIVOLATILE	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			PCI/L	PCI/L	PCI/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	--	--	--	--	10 U	--	--	--	10 U	25 U	10 U	10 U	10 U	25 U	10 U
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	--	--	--	--	10 U	--	--	--	10 U	25 U	10 U	10 U	10 U	25 U	10 U
SB-36-GW	SB-036	20040917	--	--	--	--	10 U	--	--	--	10 U	25 U	10 U	10 U	10 U	25 U	10 U
SB-3A-GW	SB-003A	20040920	--	--	--	--	10 U	--	--	--	10 U	25 U	10 U	10 U	10 U	25 U	10 U
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL	2-NITROANILINE	2-NITROPHENOL	3&4-METHYLPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYL PHENYL ETHER
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	25 U	25 U	10 U	10 U	10 U	10 U
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	25 U	25 U	10 U	10 U	10 U	10 U
SB-36-GW	SB-036	20040917	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	25 U	25 U	10 U	10 U	10 U	10 U
SB-3A-GW	SB-003A	20040920	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	25 U	25 U	10 U	10 U	10 U	10 U
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	SEMIVOLATILES (UG/L)														
			4-METHYLPHENOL	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	ACETOPHENONE	ANTHRACENE	ATRAZINE	BAP EQUIVALENT	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZALDEHYDE	BENZIDINE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE
			SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L	SEMIVOLATILES UG/L
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	--	10 U	25 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	--	10 U	10 U
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	--	10 U	25 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	--	10 U	10 U
SB-36-GW	SB-036	20040917	--	10 U	25 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	--	10 U	10 U
SB-3A-GW	SB-003A	20040920	--	10 U	25 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	--	10 U	10 U
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BIS(2-CHLOROETHOXY)METHANE	BIS(2-CHLOROETHYL)ETHER	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CAPROLACTAM	CARBAZOLE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SB-36-GW	SB-036	20040917	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SB-3A-GW	SB-003A	20040920	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	10 U	10 U	25 U
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	10 U	10 U	25 U
SB-36-GW	SB-036	20040917	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	10 U	10 U	25 U
SB-3A-GW	SB-003A	20040920	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--	10 U	10 U	25 U
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE					TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)										VC
			PHENANTHRENE	PHENOL	PYRENE	TOTAL PAHS	1-HEPTANOL, 4-METHYL-	1-PROPENE, 2-METHYL-	2-METHYLBUTANE	ACROLEIN	CYCLOHEXANE	DIMETHYL ETHER	ETHANE, 1,2-DICHLORO-1,1,2-TRIFLUORO-	METHYL CYCLOHEXANE	METHYLCYCLOPENTANE	SILANOL, TRIMETHYL-	ETHANE
			SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	SEMIVOLATILES	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	TENTATIVELY	VOLATILE GASES
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	10 U	10 U	10 U	0 U	--	--	--	--	--	--	--	--	--	--	--
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	10 U	10 U	10 U	0 U	--	--	--	--	--	--	--	--	--	--	--
SB-36-GW	SB-036	20040917	10 U	10 U	10 U	0 U	--	--	--	--	--	--	--	--	--	--	--
SB-3A-GW	SB-003A	20040920	10 U	10 U	10 U	0 U	--	--	--	--	--	--	--	--	--	--	--
SB-46-GW	SB-046	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.14 U
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.14 U
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.14 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILE GASES (UG/L)														
			ETHENE	METHANE	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,3-TRIMETHYLBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE
			VOLATILE GASES	VOLATILE GASES	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
SB-36-GW	SB-036	20040917	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
SB-3A-GW	SB-003A	20040920	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	8
SB-46-GW	SB-046	20040921	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	0.44 U	0.22 U	0.24 U	0.45 U	0.3 U	0.45 U	--	--	--	--	0.32 UJ	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	0.13 U	0.64	--	0.44 U	0.22 U	0.24 U	0.45 UJ	0.3 U	0.45 U	--	--	--	--	0.32 UJ	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	0.44 U	0.22 U	0.24 U	0.45 UJ	0.3 U	0.45 U	--	--	--	--	0.32 UJ	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	0.13 U	4.2	--	44 U	22 U	24 U	45 U	30 U	45 U	--	--	--	--	32 UJ	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	110 U	55 U	60 U	110 U	75 U	110 U	--	--	--	--	80 UJ	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	4400 U	2200 U	2400 U	4500 U	3000 U	4500 U	--	--	--	--	3200 UJ	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	--	1400 U	2200 UJ	1100 U	--	2300 U	1500 U	2300 U	2100 U	1900 U	2200 U	2400 U	1600 U	2100 U
SEMW-6I-012816	MRC-SEMW-6I	20160128	0.29 J	400	--	55 U	28 U	30 U	56 U	38 U	56 U	--	--	--	--	40 U	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5-TRICHLOROBENZENE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	1,4-DIOXANE	2,2-DICHLOROPROPANE	2-BUTANONE	2-CHLOROETHYL VINYL ETHER	2-CHLOROTOLUENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	--	1 U	10 U	1 U	1 U
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	--	1 U	10 U	1 U	1 U
SB-36-GW	SB-036	20040917	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	--	1 U	10 U	1 U	1 U
SB-3A-GW	SB-003A	20040920	1 U	1 U	1 U	1 U	1 U	--	2	1 U	1 U	1 U	--	1 U	10 U	1 U	1 U
SB-46-GW	SB-046	20040921	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	1 U	1 U	--	1 U	10 U	1 U	1 U
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	0.82 UJ	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	--	0.27 U	--	--	0.53 U	--	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	0.82 UJ	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	--	0.27 U	--	--	0.53 U	--	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	0.82 UJ	0.32 U	0.25 U	0.23 U	0.25 U	--	--	0.19 U	--	0.27 U	--	--	0.53 U	--	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	82 UJ	32 U	25 U	23 U	25 U	--	--	19 U	--	27 U	--	--	53 U	--	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	210 UJ	80 U	63 U	58 U	63 U	--	--	48 U	--	68 U	--	--	130 U	--	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	8200 UJ	3200 U	2500 U	2300 U	2500 U	--	--	1900 U	--	2700 U	--	--	5300 U	--	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	4100 U	1600 U	1300 U	1200 U	1300 U	--	--	950 U	950 U	1400 U	--	1300 UJ	2700 U	3000 UR	2000 U
SEMW-6I-012816	MRC-SEMW-6I	20160128	100 U	40 U	31 U	29 U	31 U	--	--	24 U	--	34 U	--	--	67 J	--	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	2-HEXANONE	4-CHLOROTOLUENE	4-ISOPROPYLTOLUENE	4-METHYL-2-PENTANONE	ACETONE	ACROLEIN	ACRYLONITRILE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	10 U	1 U	1 U	10 U	10 U	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	10 U	1 U	1 U	10 U	10 U	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
SB-36-GW	SB-036	20040917	10 U	1 U	1 U	10 U	10 U	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
SB-3A-GW	SB-003A	20040920	10 U	1 U	1 U	10 U	10 U	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
SB-46-GW	SB-046	20040921	10 U	1 U	1 U	10 U	10 U	--	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	1 U	--	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	18	--	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	0.48 U	--	--	0.99 U	0.94 U	--	--	0.35 U	--	--	0.29 U	0.56 U	0.44 UJ	0.38 U	0.43 U
SEMW-2I-011516	MRC-SEMW-2I	20160115	0.48 U	--	--	0.99 U	0.94 UJ	--	--	0.35 U	--	--	0.29 U	0.56 UJ	0.44 U	0.38 U	0.43 U
SEMW-3I-011516	MRC-SEMW-3I	20160115	0.48 U	--	--	0.99 U	0.98 U	--	--	0.35 U	--	--	0.29 U	0.56 UJ	0.44 U	0.38 U	0.43 U
SEMW-4I-012016	MRC-SEMW-4I	20160120	48 U	--	--	99 U	94 U	--	--	35 U	--	--	29 U	56 U	44 UJ	38 U	43 U
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	120 U	--	--	250 U	240 U	--	--	88 U	--	--	73 U	140 U	110 UJ	95 U	110 U
SEMW-5S-012016	MRC-SEMW-5S	20160120	4800 U	--	--	9900 U	9400 U	--	--	3500 U	--	--	2900 U	5600 U	4400 UJ	3800 U	4300 U
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	2400 U	1500 U	2200 U	5000 U	7900 U	--	--	1800 U	1800 U	2500 U	1500 U	2800 U	2200 U	1900 U	2200 U
SEMW-6I-012816	MRC-SEMW-6I	20160128	60 U	--	--	120 U	130 J	--	--	44 U	--	--	36 U	70 U	55 U	48 U	54 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	VOLATILES (UG/L)														
			CHLOROBENZENE	CHLORODIBROMOMETHANE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	CYCLOHEXANE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIETHYL ETHER	DIISOPROPYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYL TERT-BUTYL ETHER	ETHYLBENZENE
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	--	--	--	1 U
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	--	--	--	1 U
SB-36-GW	SB-036	20040917	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	--	--	--	1 U
SB-3A-GW	SB-003A	20040920	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U	--	--	--	--	1 U
SB-46-GW	SB-046	20040921	1 U	1 U	1 U	1 U	1 U	6	1 U	--	1 U	1 U	--	--	--	--	1 U
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1 U
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1 U
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	0.25 U	0.43 U	0.32 UJ	0.25 U	0.44 U	0.38 J	0.46 U	0.45 U	--	0.32 U	--	--	--	--	0.25 U
SEMW-2I-011516	MRC-SEMW-2I	20160115	0.25 U	0.43 U	0.32 UJ	0.25 U	0.44 U	1.6	0.46 U	0.45 U	--	0.32 U	--	--	--	--	0.25 U
SEMW-3I-011516	MRC-SEMW-3I	20160115	0.25 U	0.43 U	0.32 UJ	0.25 U	0.44 U	1.4	0.46 U	0.45 U	--	0.32 U	--	--	--	--	0.25 U
SEMW-4I-012016	MRC-SEMW-4I	20160120	25 U	43 U	32 UJ	25 U	44 U	52 J	46 U	45 U	--	32 U	--	--	--	--	25 U
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	63 U	110 U	80 UJ	63 U	110 U	65 U	120 U	110 U	--	80 U	--	--	--	--	63 U
SEMW-5S-012016	MRC-SEMW-5S	20160120	2500 U	4300 U	3200 UJ	2500 U	4400 U	3100 J	4600 U	4500 U	--	3200 U	--	--	--	--	2500 U
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	1300 U	2200 U	1600 UJ	1300 U	2200 U	1700 J	2300 U	--	2100 U	1600 U	--	2500 U	1200 UJ	--	1300 U
SEMW-6I-012816	MRC-SEMW-6I	20160128	31 U	54 U	40 U	31 U	55 U	380	58 U	56 U	--	40 U	--	--	--	--	31 U

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	FLUORODICHLOROMETHANE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYL ACETATE	METHYL CYCLOHEXANE	METHYL TERT-BUTYL ETHER	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	SEC-BUTYLBENZENE	STYRENE	TERT-AMYL METHYL ETHER
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-1A-GW	SB-001A	20040921	--	--	1 U	3 U	--	--	1 U	1 U	1 U	1 U	1 U	3 U	1 U	1 U	--
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-35-GW	SB-035	20040917	--	--	1 U	3 U	--	--	1 U	1 U	1 U	1 U	1 U	3 U	1 U	1 U	--
SB-36-GW	SB-036	20040917	--	--	1 U	3 U	--	--	1 U	1 U	1 U	1 U	1 U	3 U	1 U	1 U	--
SB-3A-GW	SB-003A	20040920	--	--	3	3 U	--	--	1 U	1 U	1 U	1 U	2	8	1	1 U	--
SB-46-GW	SB-046	20040921	--	--	1 U	3 U	--	--	1 U	1 U	1 U	1 U	1 U	3 U	1 U	1 U	--
SB-47-GW	SB-047	20040922	--	--	--	--	--	--	--	--	1 U	--	--	--	--	--	--
SB-48-GW	SB-048	20040922	--	--	--	--	--	--	--	--	5 U	--	--	--	--	--	--
SB-49-GW	SB-049	20040922	--	--	--	--	--	--	--	--	3	--	--	--	--	--	--
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	0.35 U	--	2.3 U	0.43 U	0.2 U	0.33 U	--	--	--	--	--	0.45 U	--
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	0.35 U	--	2.3 U	0.43 U	0.2 U	0.33 U	--	--	--	--	--	0.45 U	--
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	0.35 U	--	2.3 U	0.43 U	0.2 U	0.33 U	--	--	--	--	--	0.45 U	--
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	35 U	--	230 U	43 U	20 U	33 U	--	--	--	--	--	45 U	--
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	88 U	--	570 U	110 U	50 U	83 U	--	--	--	--	--	110 U	--
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	3500 U	--	23000 U	4300 U	2000 U	3300 U	--	--	--	--	--	4500 U	--
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	1800 U	1800 U	--	--	--	1000 U	1700 U	2300 U	1600 U	2000 U	--	2400 U	2300 U	1500 UJ
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	44 U	--	280 U	54 U	25 U	41 U	--	--	--	--	--	56 U	--

Appendix Table E-8
Groundwater Analytical Results - Block E
Middle River Complex, Middle River, Maryland

SAMPLE ID	LOCATION ID	SAMPLE DATE	TERT-AMYL METHYL ETHER	TERT-BUTYLBENZENE	TERTIARY-BUTYL ALCOHOL	TETRACHLOROETHENE	TOLUENE	TOTAL 1,2-DICHLOROETHENE	TOTAL XYLENES	TOTAL XYLENES DETECTED	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	VINYL ACETATE	VINYL CHLORIDE	type
			VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	VOLATILES (UG/L)	
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	
SB-14-GW	SB-014	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-15-GW	SB-015	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-16-GW	SB-016	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-17-GW	SB-017	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-18-GW	SB-018	20031119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-19-GW	SB-019	20031121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-1A-GW	SB-001A	20040921	--	1 U	--	1 U	1 U	--	--	--	1 U	1 U	1 U	5 U	1 U	1 U	NORMAL
SB-2-GW	SB-002	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-35-GW	SB-035	20040917	--	1 U	--	1 U	1 U	--	--	--	1 U	1 U	1 U	5 U	1 U	1 U	NORMAL
SB-36-GW	SB-036	20040917	--	1 U	--	1 U	1 U	--	--	--	1 U	1 U	1 U	5 U	1 U	1 U	NORMAL
SB-3A-GW	SB-003A	20040920	--	1 U	--	1 U	1 U	--	--	--	1 U	1 U	1 U	5 U	1 U	1 U	NORMAL
SB-46-GW	SB-046	20040921	--	1 U	--	1 U	1 U	--	--	--	1 U	1 U	4	5 U	1 U	1 U	NORMAL
SB-47-GW	SB-047	20040922	--	--	--	--	1 U	--	1 U	--	--	--	--	--	--	--	NORMAL
SB-48-GW	SB-048	20040922	--	--	--	--	5 U	--	5 U	--	--	--	--	--	--	--	NORMAL
SB-49-GW	SB-049	20040922	--	--	--	--	1 U	--	1	--	--	--	--	--	--	--	NORMAL
SB-4-GW	SB-004	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-51-GW	SB-051	20040921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-6-GW	SB-006	20031120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
SB-9-GW	SB-009	20031118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
SEMW-1I-011916	MRC-SEMW-1I	20160119	--	--	--	0.31 U	0.23 U	--	0.52 U	--	0.3 U	0.56 U	1.7	0.49 UJ	--	0.29 U	NORMAL
SEMW-2I-011516	MRC-SEMW-2I	20160115	--	--	--	0.31 U	0.23 U	--	0.52 U	--	0.3 U	0.56 U	5.5	0.49 U	--	0.29 U	NORMAL
SEMW-3I-011516	MRC-SEMW-3I	20160115	--	--	--	0.31 U	0.23 U	--	0.52 U	--	0.3 U	0.56 U	4.4	0.49 U	--	0.29 U	NORMAL
SEMW-4I-012016	MRC-SEMW-4I	20160120	--	--	--	31 U	23 U	--	52 U	--	30 U	56 U	3600	49 UJ	--	29 U	NORMAL
SEMW-4I-012816	MRC-SEMW-4I	20160128	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NORMAL
SEMW-5I-012016	MRC-SEMW-5I	20160120	--	--	--	78 U	58 U	--	130 U	--	75 U	140 U	8600	120 UJ	--	73 U	NORMAL
SEMW-5S-012016	MRC-SEMW-5S	20160120	--	--	--	3100 U	2300 U	--	5200 U	--	3000 U	5600 U	260000	4900 UJ	--	2900 U	NORMAL
SEMW-5S-END-040816	MRC-SEMW-5S	20160408	--	2100 U	25000 UR	1600 U	1200 U	--	2600 U	2600	1500 U	2800 U	130000	2500 UJ	2100 U	1500 U	NORMAL
SEMW-6I-012816	MRC-SEMW-6I	20160128	--	--	--	39 U	29 U	--	65 U	--	38 U	70 U	2900	61 U	--	36 U	NORMAL

Notes:

mg/kg	milligrams per kilogram
ug/kg	micrograms per kilogram
Pci/g	picocuries per gram
Pci/L	picocuries per liter
ug/L	micrograms per liter
mg/L	milligrams per liter
U	The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted detection limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the reporting limit).
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
UJ	The analyte was analyzed for, but was not detected. The reported detection limit is approximate and may be inaccurate or imprecise.
NJ	The analyte has been “tentatively identified” or “presumptively” as present and the associated numerical value is the estimated concentration in the sample.
R	The sample result (detected) is unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
UR	The sample result (nondetected) is unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.

SS	Surface soil
CB	Catch basin
RAD	Radiological sample
"D"	Field duplicate sample
AVG	Value is an average of initial and duplicate sample results.
BaPEq	Benzo(a)pyrene equivalents
PAH	Polycyclic aromatic hydrocarbons
PCB	Polychlorinated biphenyls
S.U.	A unitless scale of acidity (in pH)
TPH	Total petroleum hydrocarbons

APPENDIX F—BAPEQ CALCULATION

Appendix F
Calculation of Benzo(a)Pyrene Equivalent Concentrations
Block E Remedial Action Plan
Lockheed Martin Middle River Complex
Middle River, Maryland

Polycyclic aromatic hydrocarbons (PAHs) are typically found in the environment as mixtures. These PAHs include benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene. The individual PAH vary widely in terms of carcinogenic potency, but have a common toxicity mechanism. Using a toxicity equivalency approach, the total PAH concentrations for a group or subset of similar PAHs can be expressed in terms of their toxicity relative to benzo(a)pyrene, with concentrations expressed as *benzo(a)pyrene equivalents (BaPEq)*.

For sites contaminated with PAHs, using a standard subset of seven PAHs, the BaPEq is calculated as the sum of each individual PAH concentration times its toxicity equivalency factor (TEF). These TEFs for the seven standard PAHs are presented in Table F-1. For example, the TEF for benzo(a)anthracene is 0.1; this means that benzo(a)pyrene is ten times more toxic than benzo(a)anthracene. If the benzo(a)anthracene concentration in a soil sample is 10 micrograms per kilogram (µg/kg), this is equivalent to 1 µg/kg of benzo(a)pyrene [10 µg/kg (benzo(a)anthracene) x 0.1 (TEF) = 1 µg/kg (BaPEq)].

Table F-1
Toxicity Equivalency Factors (TEF) for Polycyclic Aromatic Hydrocarbons (PAHs)

PAH	TEF
Benzo(a)pyrene	1.0
Benzo(a)anthracene	0.1
Benzo(b)fluoranthene	0.1
Benzo(k)fluoranthene	0.01
Chrysene	0.001
Dibenz(a,h)anthracene	1.0
Indeno(1,2,3-c,d)pyrene	0.1

The application of benzo(a)pyrene TEFs to PAH concentrations and the subsequent calculation of BaPEq can provide a more accurate evaluation of environmental risk exposure to PAHs.

- A conservative approach to calculating BaPEq for environmental samples is performed using the product of the respective TEFs for each of the seven PAHs and a representative concentration using ***both*** positive results and ½ of the reported detection limit for non-detected values. This approach, given its conservative means of incorporating toxicity of all seven PAHs even if some are present below laboratory detection limits, has been used in the Block E risk-assessment estimations and related calculations of risk-based remedial goals. The

resulting BaPEq values estimated using this method are referred to as "BaPEq-Half ND" when used in risk calculations or reported in data tables and figures.

- Alternatively, sample calculations for BaPEq may be performed using ***only*** positive results as the product of the reported analyte concentrations and the respective TEFs for each of the seven reported PAHs. Non detected results within a given sample are entirely ignored and only positively reported concentrations are considered for use in summation when this latter calculation method is employed. This calculated value, referred to as "BaPEq-POS", has typically been used in reporting data from Block E for the purposes of presenting and screening data.

The reported concentration of the benzo(a)pyrene detection limit is used as the default representative value of the BaPEq in cases where ***all*** of the seven PAHs are reported as non-detected results.

APPENDIX G—BLOCK E GROUNDWATER-DEPTH CONTOUR MAPS AND SOIL PCB ISOCONCENTRATION MAPS



FIGURE G-1

UPPER SURFICIAL GROUNDWATER CONTOUR MAP, MARCH 2018 BLOCK E

LEGEND

- GROUNDWATER MONITORING WELL
- AQUIFER PERMEABILITY TESTING PERFORMED FEBRUARY 2018
- GROUNDWATER CONTOUR (5-FOOT INTERVAL, FT NAVD 88, DASHED WHERE INFERRED)
- (3.75) GROUNDWATER ELEVATION, FT NAVD 88
- GROUNDWATER FLOW DIRECTION
- GRADIENT LINE
- TAX BLOCK
- APPROXIMATE PARCEL BOUNDARY

NAVD 88 = North American Vertical Datum, 1988.
2014 aerial photograph provided by U.S. Geological Survey.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 50 100 Feet

N

DATE MODIFIED: 08/17/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_gw_contours_apr2018_shallow_upper.mxd)
08/17/18 -- JEE

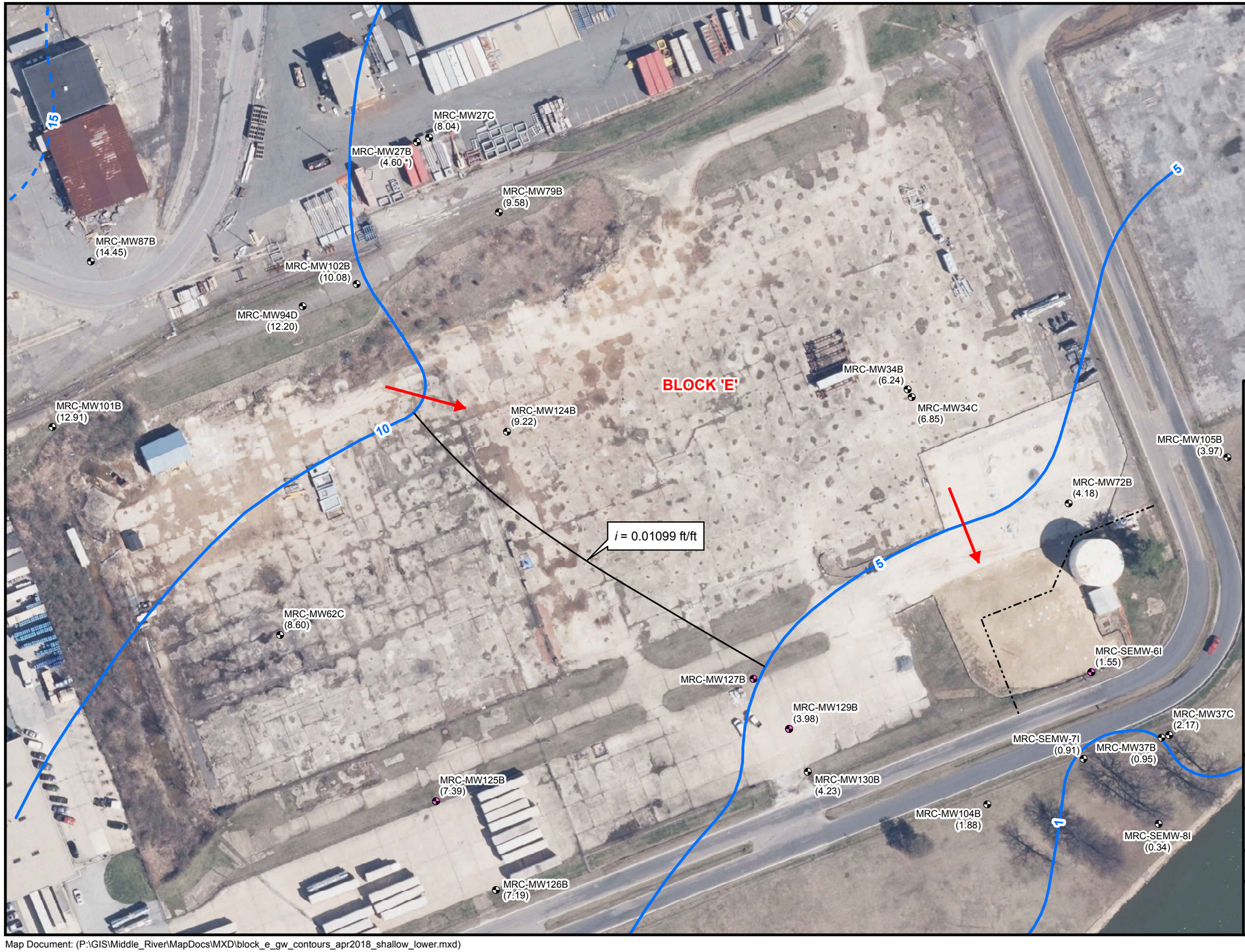

FIGURE G-2

LOWER SURFICIAL GROUNDWATER CONTOUR MAP, MARCH 2018 BLOCK E

LEGEND

- GROUNDWATER MONITORING WELL
- AQUIFER PERMEABILITY TESTING PERFORMED FEBRUARY 2018
- GROUNDWATER CONTOUR (5-FOOT INTERVAL, FT NAVD 88, DASHED WHERE INFERRED)
- (3.75) GROUNDWATER ELEVATION, FT NAVD 88
- * NOT USED FOR CONTOURING
- GROUNDWATER FLOW DIRECTION
- GRADIENT LINE
- TAX BLOCK
- APPROXIMATE PARCEL BOUNDARY

NAVD 88 = North American Vertical Datum, 1988.
2014 aerial photograph provided by U.S. Geological Survey.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 50 100 Feet

N

DATE MODIFIED: 08/17/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_gw_contours_apr2018_shallow_lower.mxd)
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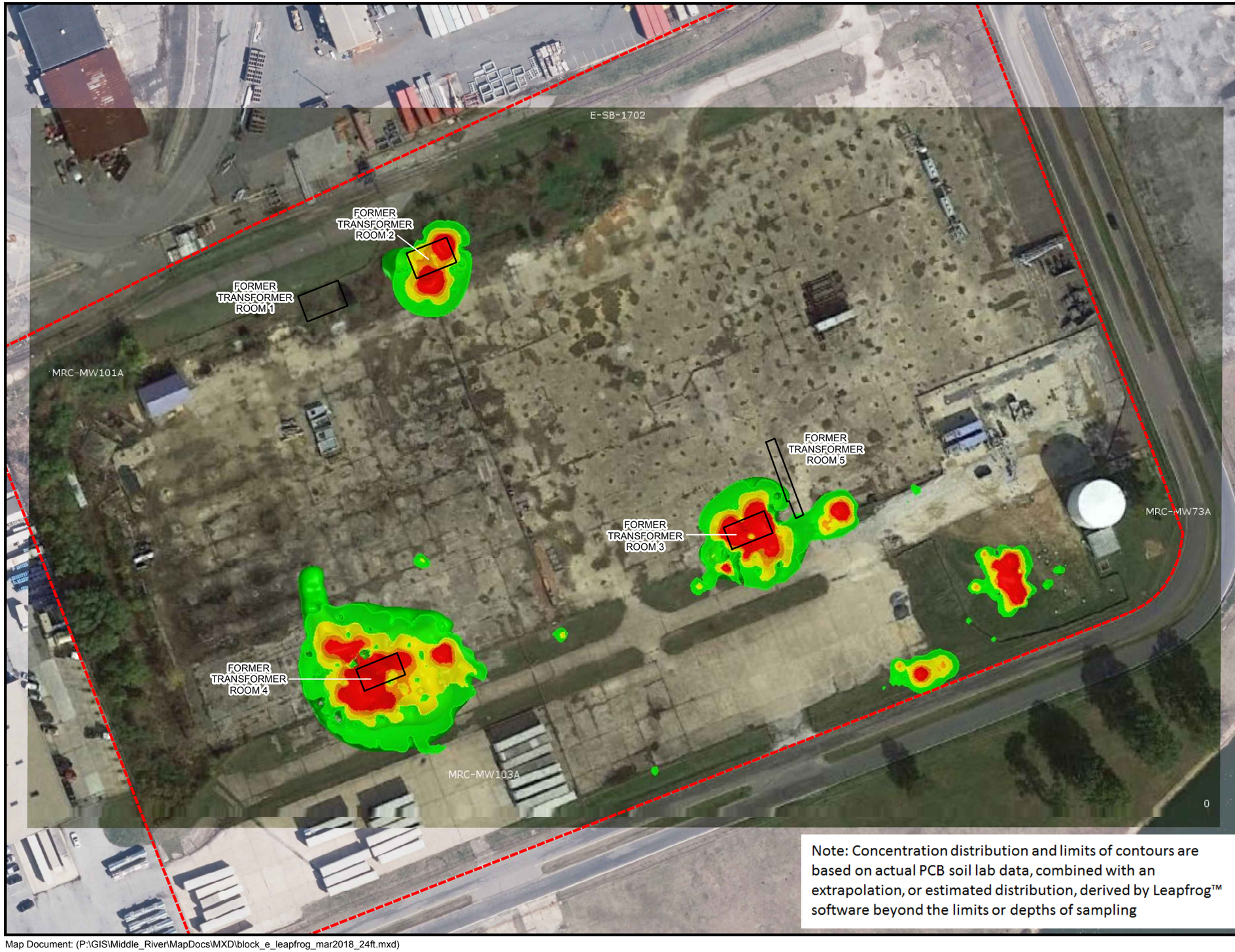


Note: Concentration distribution and limits of contours are based on actual PCB soil lab data, combined with an extrapolation, or estimated distribution, derived by Leapfrog™ software beyond the limits or depths of sampling

FIGURE G-3

TOTAL AROCLOR ISOCONTOURS,
2-4 FEET SOIL RESULTS
BLOCK E

LEGEND

TOTAL AROCLOR RESULTS

- > 100 MG/KG
- > 58 AND ≤ 100 MG/KG
- > 25 AND ≤ 58 MG/KG
- > 10 AND ≤ 25 MG/KG
- TAX BLOCK

Isocontour graphics created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

Aerial photograph used with LeapFrog isocontours obtained from Google Earth, © 2014 Google, Inc. Image used with permission.
2014 background aerial photograph provided by U.S. Geological Survey.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 50 100 Feet

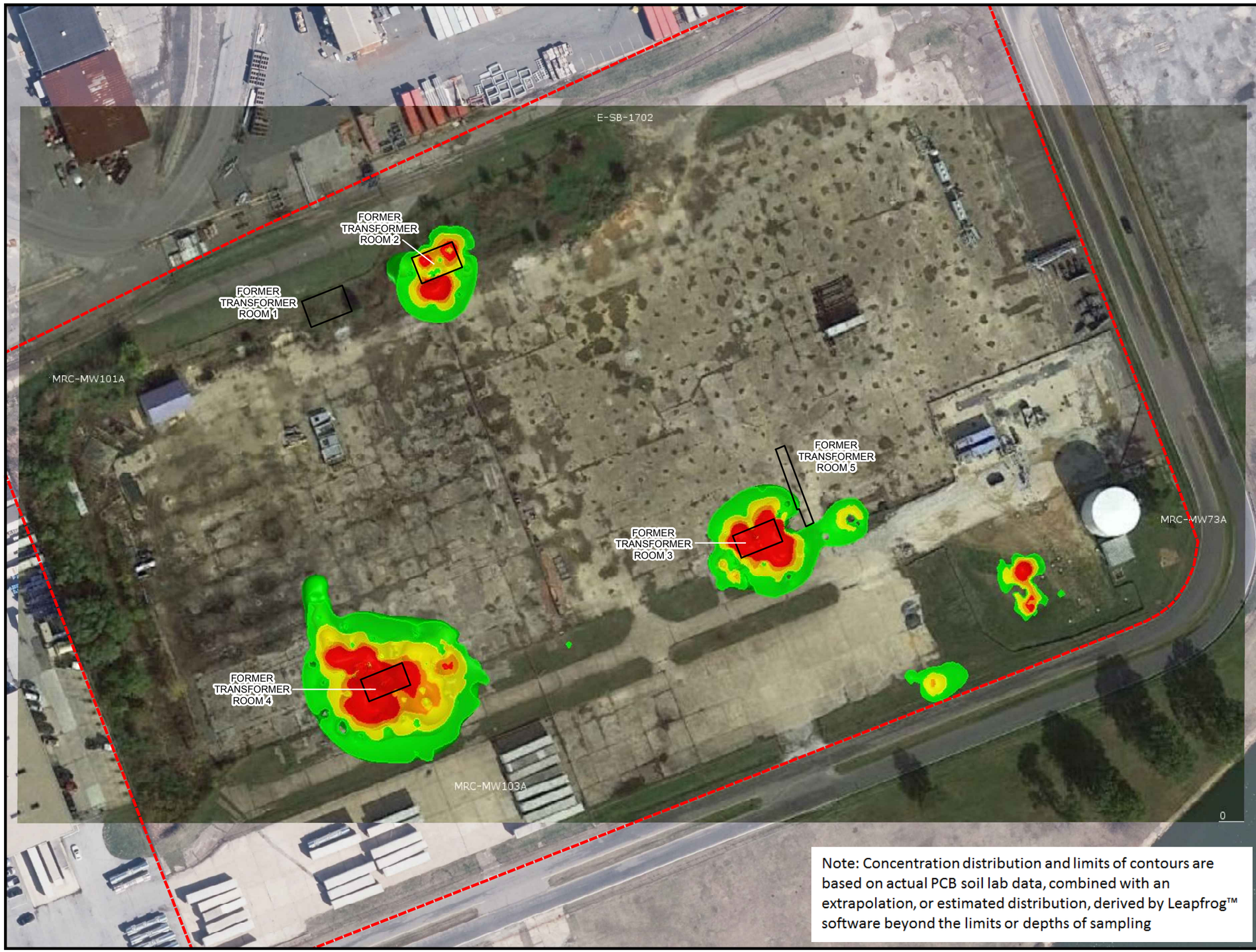
N

DATE MODIFIED: 04/03/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_leapfrog_mar2018_24ft.mxd)
04/03/18 -- JEE



Note: Concentration distribution and limits of contours are based on actual PCB soil lab data, combined with an extrapolation, or estimated distribution, derived by Leapfrog™ software beyond the limits or depths of sampling

FIGURE G-4

**TOTAL AROCLOR ISOCONTOURS,
4-6 FEET SOIL RESULTS
BLOCK E**

LEGEND

TOTAL AROCLOR RESULTS

- > 100 MG/KG
- > 58 AND ≤ 100 MG/KG
- > 25 AND ≤ 58 MG/KG
- > 10 AND ≤ 25 MG/KG
- FORMER TRANSFORMER ROOM
- TAX BLOCK

Isocontour graphics created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

Aerial photograph used with LeapFrog isocontours obtained from Google Earth, © 2014 Google, Inc. Image used with permission.
2014 background aerial photograph provided by U.S. Geological Survey.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 50 100 Feet

N

DATE MODIFIED: 04/03/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_leapfrog_mar2018_46ft.mxd)
04/03/18 -- JEE

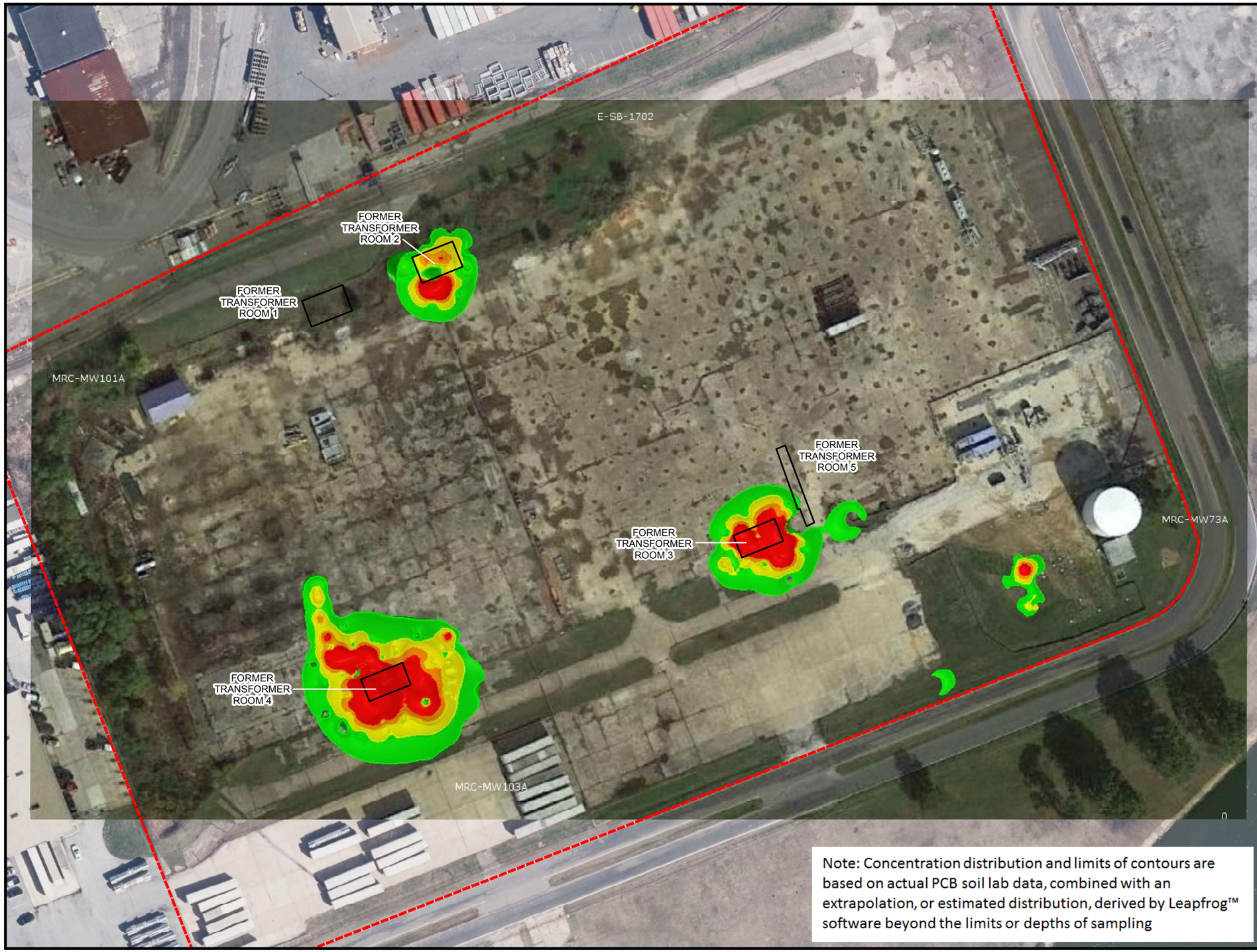


FIGURE G-5

**TOTAL AROCLOR ISOCONTOURS,
6-8 FEET SOIL RESULTS
BLOCK E**

LEGEND

TOTAL AROCLOR RESULTS

- > 100 MG/KG
- > 58 AND ≤ 100 MG/KG
- > 25 AND ≤ 58 MG/KG
- > 10 AND ≤ 25 MG/KG
- FORMER TRANSFORMER ROOM
- TAX BLOCK

Isocontour graphics created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

Aerial photograph used with LeapFrog isocontours obtained from Google Earth, © 2014 Google, Inc. Image used with permission.
2014 background aerial photograph provided by U.S. Geological Survey.

Note: Concentration distribution and limits of contours are based on actual PCB soil lab data, combined with an extrapolation, or estimated distribution, derived by Leapfrog™ software beyond the limits or depths of sampling

Lockheed Martin Middle River Complex
Middle River, Maryland

0 50 100 Feet

N

DATE MODIFIED: 04/03/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_leapfrog_mar2018_68ft.mxd)
04/03/18 -- JEE

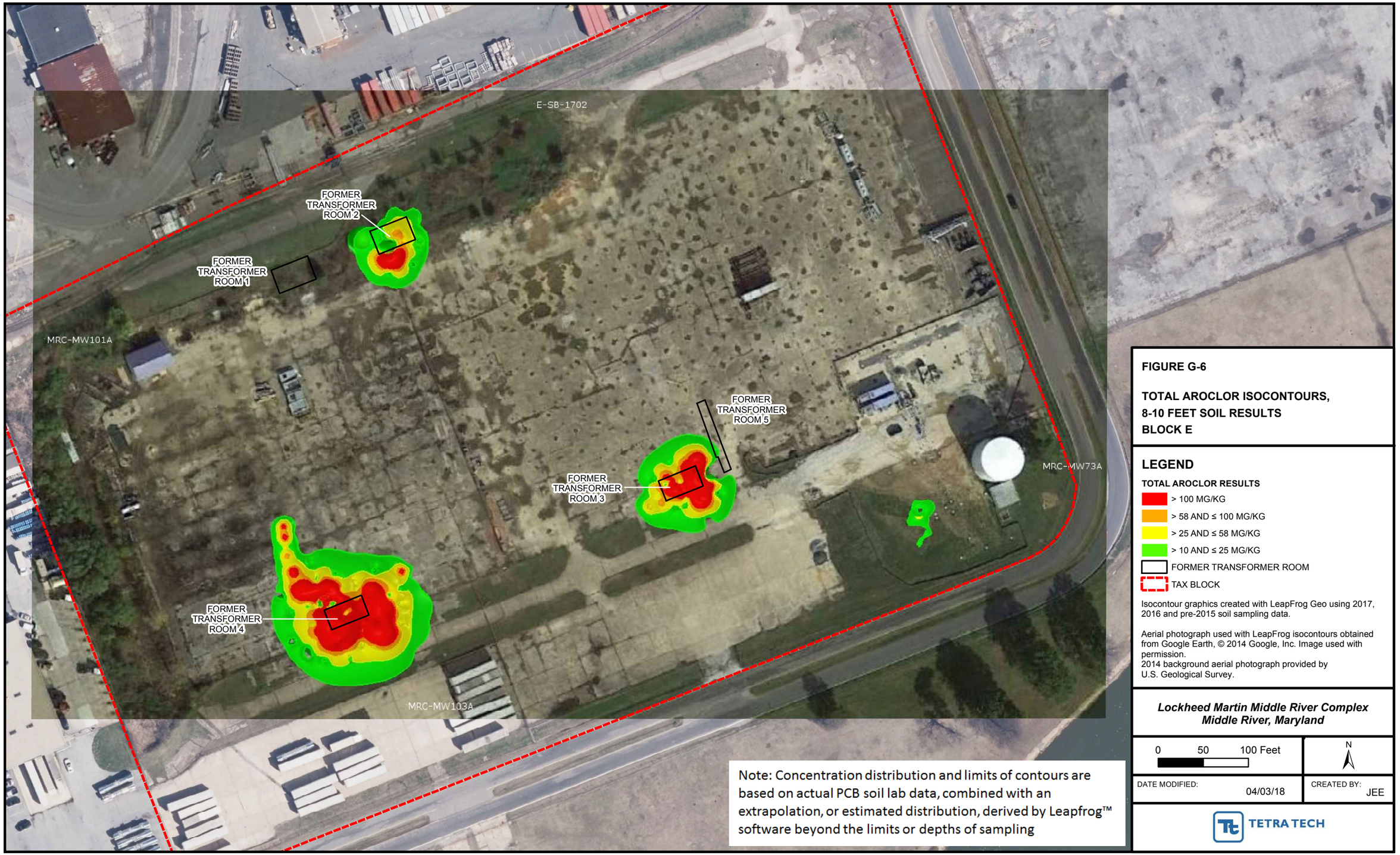


FIGURE G-6

**TOTAL AROCLOR ISOCONTOURS,
8-10 FEET SOIL RESULTS
BLOCK E**

LEGEND

TOTAL AROCLOR RESULTS

- > 100 MG/KG
- > 58 AND ≤ 100 MG/KG
- > 25 AND ≤ 58 MG/KG
- > 10 AND ≤ 25 MG/KG
- FORMER TRANSFORMER ROOM
- TAX BLOCK

Isocontour graphics created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

Aerial photograph used with LeapFrog isocontours obtained from Google Earth, © 2014 Google, Inc. Image used with permission.
2014 background aerial photograph provided by U.S. Geological Survey.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 50 100 Feet

N

DATE MODIFIED: 04/03/18

CREATED BY: JEE

TETRA TECH

Note: Concentration distribution and limits of contours are based on actual PCB soil lab data, combined with an extrapolation, or estimated distribution, derived by Leapfrog™ software beyond the limits or depths of sampling

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_leapfrog_mar2018_810ft.mxd)
04/03/18 -- JEE

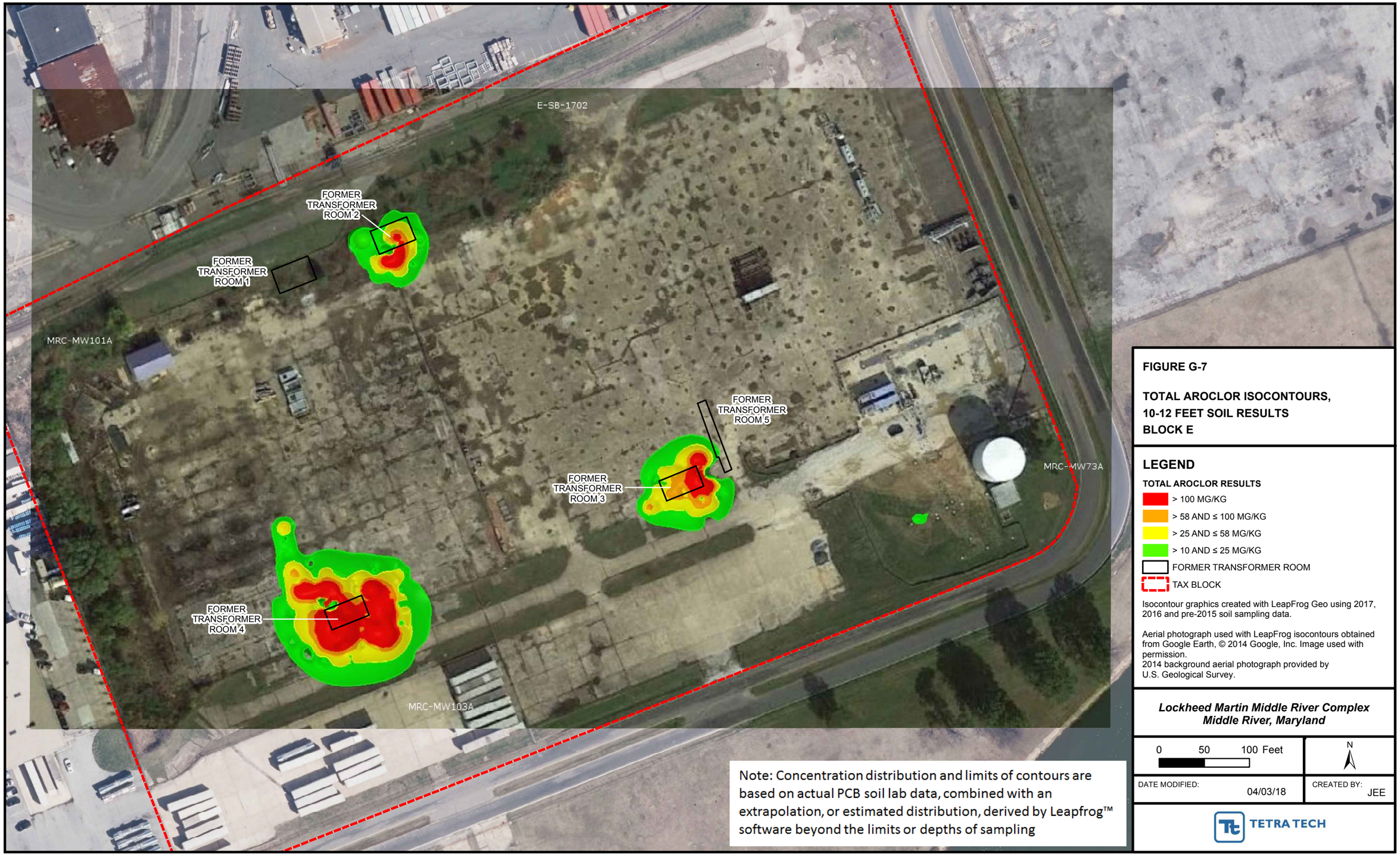


FIGURE G-7

**TOTAL AROCLOR ISOCONTOURS,
10-12 FEET SOIL RESULTS
BLOCK E**

LEGEND

TOTAL AROCLOR RESULTS

- > 100 MG/KG
- > 58 AND ≤ 100 MG/KG
- > 25 AND ≤ 58 MG/KG
- > 10 AND ≤ 25 MG/KG
- FORMER TRANSFORMER ROOM
- TAX BLOCK

Isocontour graphics created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

Aerial photograph used with LeapFrog isocontours obtained from Google Earth, © 2014 Google, Inc. Image used with permission.
2014 background aerial photograph provided by U.S. Geological Survey.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 50 100 Feet

N

DATE MODIFIED: 04/03/18

CREATED BY: JEE

TETRA TECH

Note: Concentration distribution and limits of contours are based on actual PCB soil lab data, combined with an extrapolation, or estimated distribution, derived by Leapfrog™ software beyond the limits or depths of sampling

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_leapfrog_mar2018_1012ft.mxd)
04/03/18 -- JEE

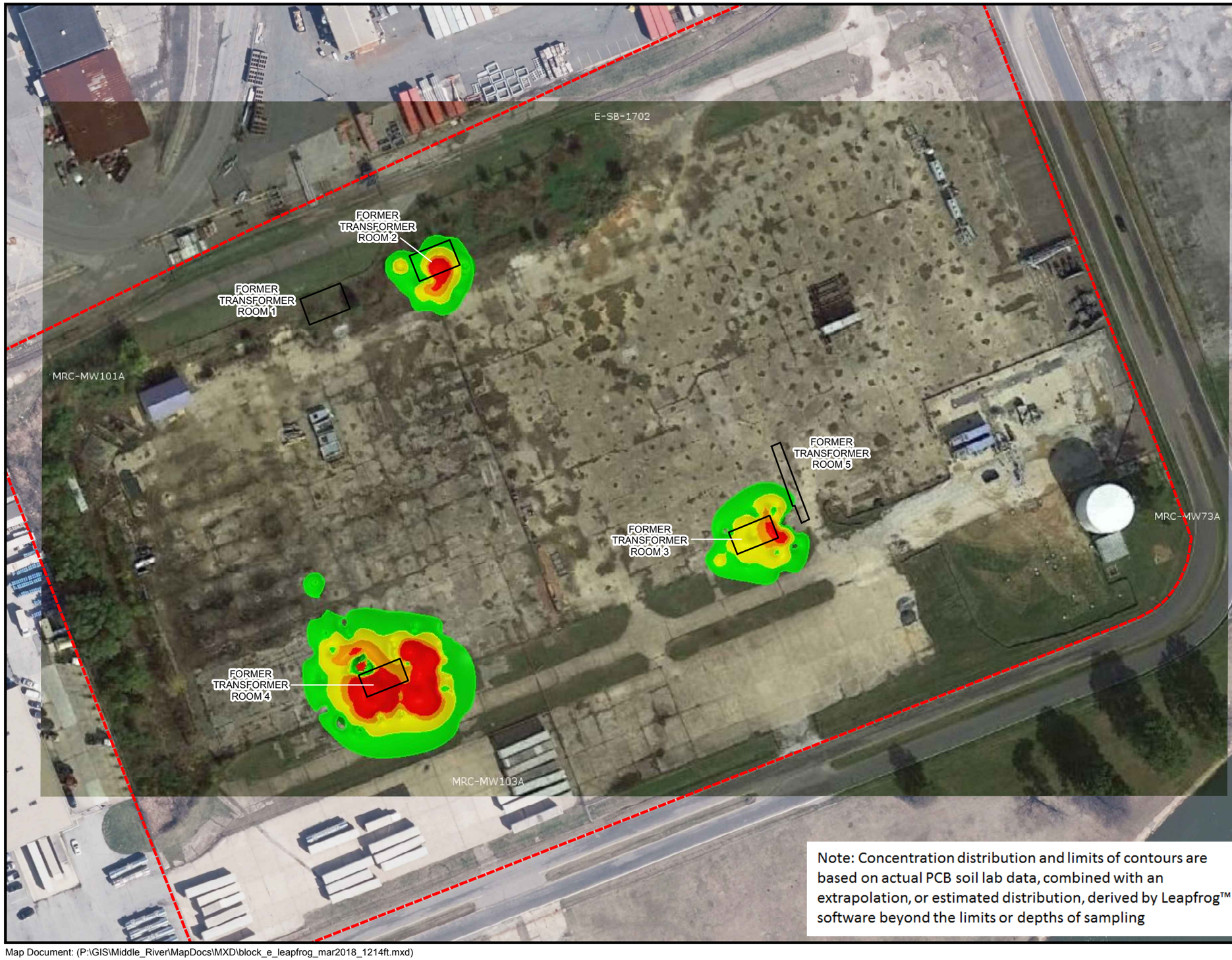


FIGURE G-8

**TOTAL AROCLOR ISOCONTOURS,
12-14 FEET SOIL RESULTS
BLOCK E**

LEGEND

TOTAL AROCLOR RESULTS

- > 100 MG/KG
- > 58 AND ≤ 100 MG/KG
- > 25 AND ≤ 58 MG/KG
- > 10 AND ≤ 25 MG/KG
- FORMER TRANSFORMER ROOM
- TAX BLOCK

Isocontour graphics created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

Aerial photograph used with LeapFrog isocontours obtained from Google Earth, © 2014 Google, Inc. Image used with permission.
2014 background aerial photograph provided by U.S. Geological Survey.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 50 100 Feet

N

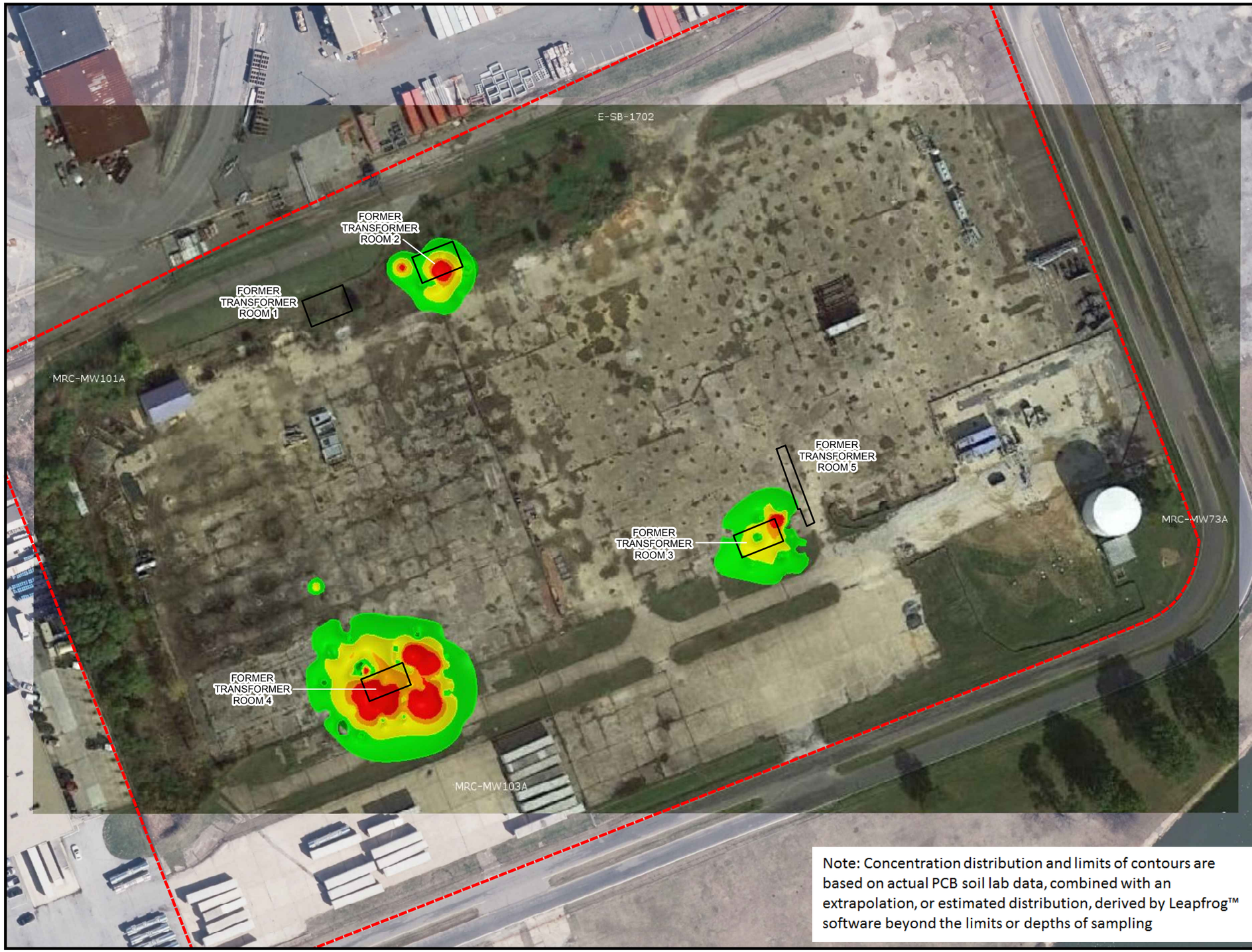
DATE MODIFIED: 04/03/18

CREATED BY: JEE

TETRA TECH

Note: Concentration distribution and limits of contours are based on actual PCB soil lab data, combined with an extrapolation, or estimated distribution, derived by Leapfrog™ software beyond the limits or depths of sampling

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_leapfrog_mar2018_1214ft.mxd)
04/03/18 -- JEE



Note: Concentration distribution and limits of contours are based on actual PCB soil lab data, combined with an extrapolation, or estimated distribution, derived by Leapfrog™ software beyond the limits or depths of sampling

FIGURE G-9

TOTAL AROCLOR ISOCONTOURS,
14-16 FEET SOIL RESULTS
BLOCK E

LEGEND

TOTAL AROCLOR RESULTS

- > 100 MG/KG
- > 58 AND ≤ 100 MG/KG
- > 25 AND ≤ 58 MG/KG
- > 10 AND ≤ 25 MG/KG
- FORMER TRANSFORMER ROOM
- TAX BLOCK

Isocontour graphics created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

Aerial photograph used with LeapFrog isocontours obtained from Google Earth, © 2014 Google, Inc. Image used with permission.
2014 background aerial photograph provided by U.S. Geological Survey.

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Middle River, Maryland

0 50 100 Feet

N

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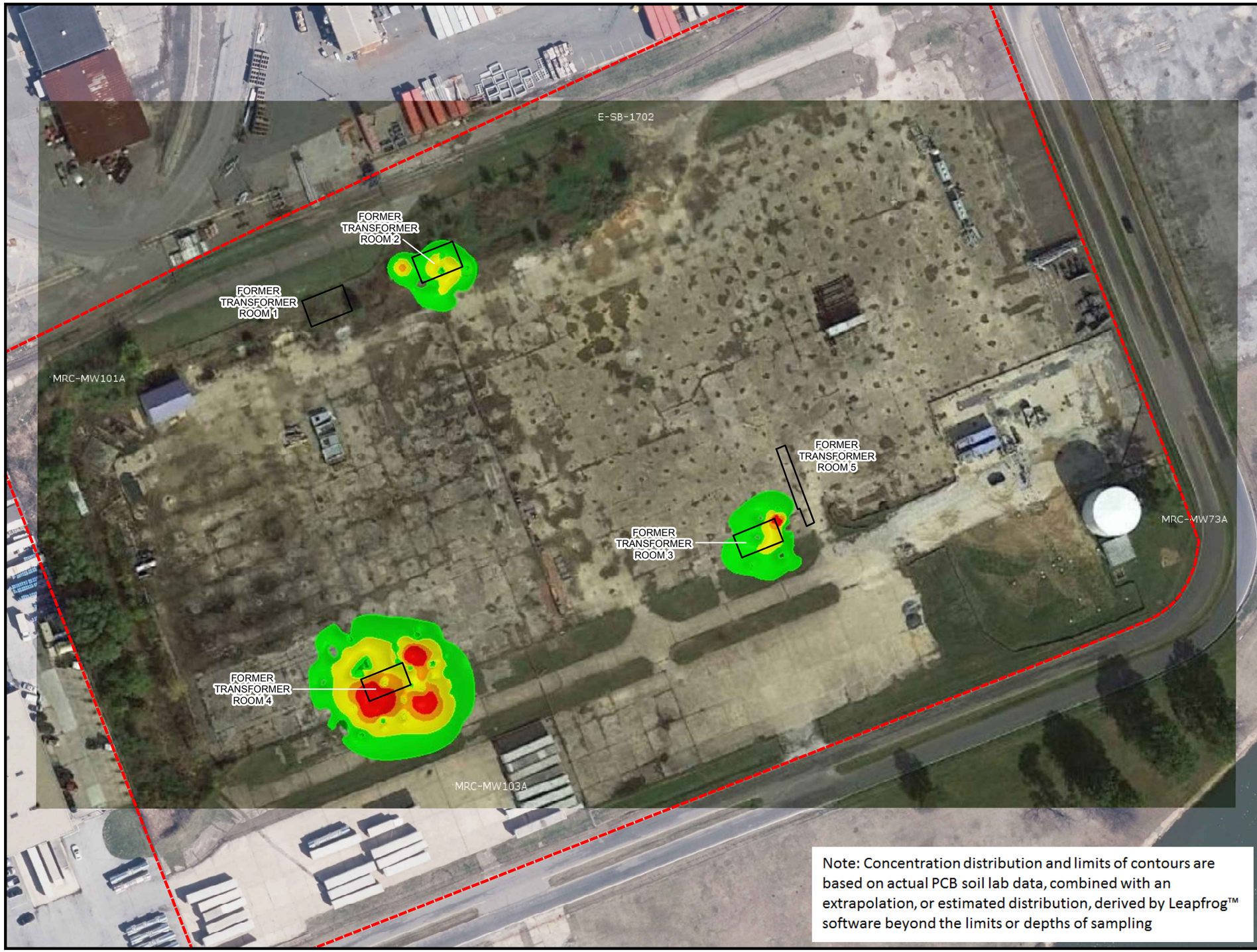
TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_leapfrog_mar2018_1416ft.mxd)
04/03/18 -- JEE



Note: Concentration distribution and limits of contours are based on actual PCB soil lab data, combined with an extrapolation, or estimated distribution, derived by Leapfrog™ software beyond the limits or depths of sampling

FIGURE G-10

TOTAL AROCLOR ISOCONTOURS,
16-18 FEET SOIL RESULTS
BLOCK E

LEGEND

TOTAL AROCLOR RESULTS

- > 100 MG/KG
- > 58 AND ≤ 100 MG/KG
- > 25 AND ≤ 58 MG/KG
- > 10 AND ≤ 25 MG/KG
- FORMER TRANSFORMER ROOM
- TAX BLOCK

Isocontour graphics created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

Aerial photograph used with LeapFrog isocontours obtained from Google Earth, © 2014 Google, Inc. Image used with permission.
2014 background aerial photograph provided by U.S. Geological Survey.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 50 100 Feet

N

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TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_leapfrog_mar2018_1618ft.mxd)
04/03/18 -- JEE

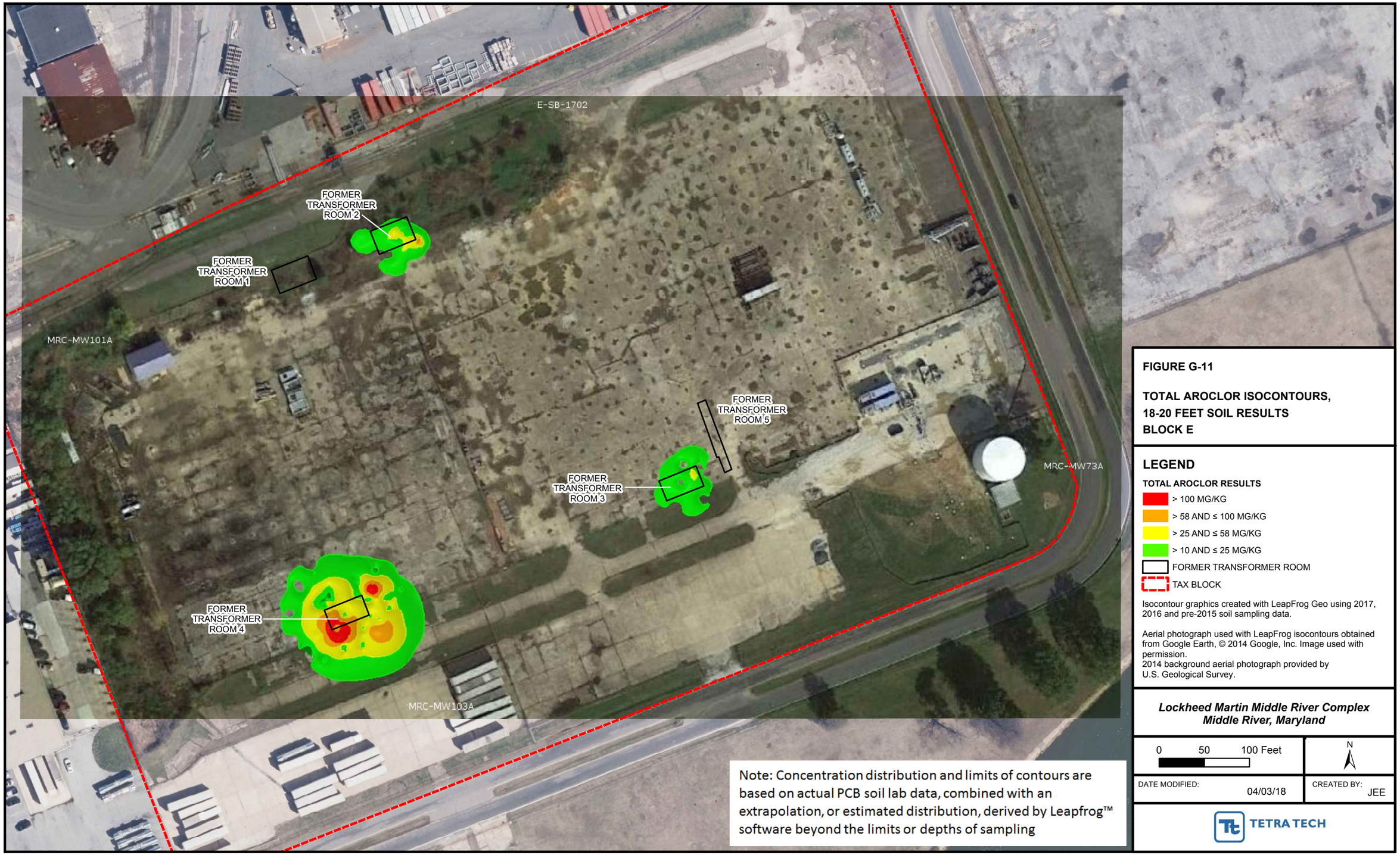


FIGURE G-11

TOTAL AROCLOR ISOCONTOURS, 18-20 FEET SOIL RESULTS BLOCK E

LEGEND

TOTAL AROCLOR RESULTS

- > 100 MG/KG
- > 58 AND ≤ 100 MG/KG
- > 25 AND ≤ 58 MG/KG
- > 10 AND ≤ 25 MG/KG
- FORMER TRANSFORMER ROOM
- TAX BLOCK

Isocontour graphics created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

Aerial photograph used with LeapFrog isocontours obtained from Google Earth, © 2014 Google, Inc. Image used with permission.
2014 background aerial photograph provided by U.S. Geological Survey.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 50 100 Feet

N

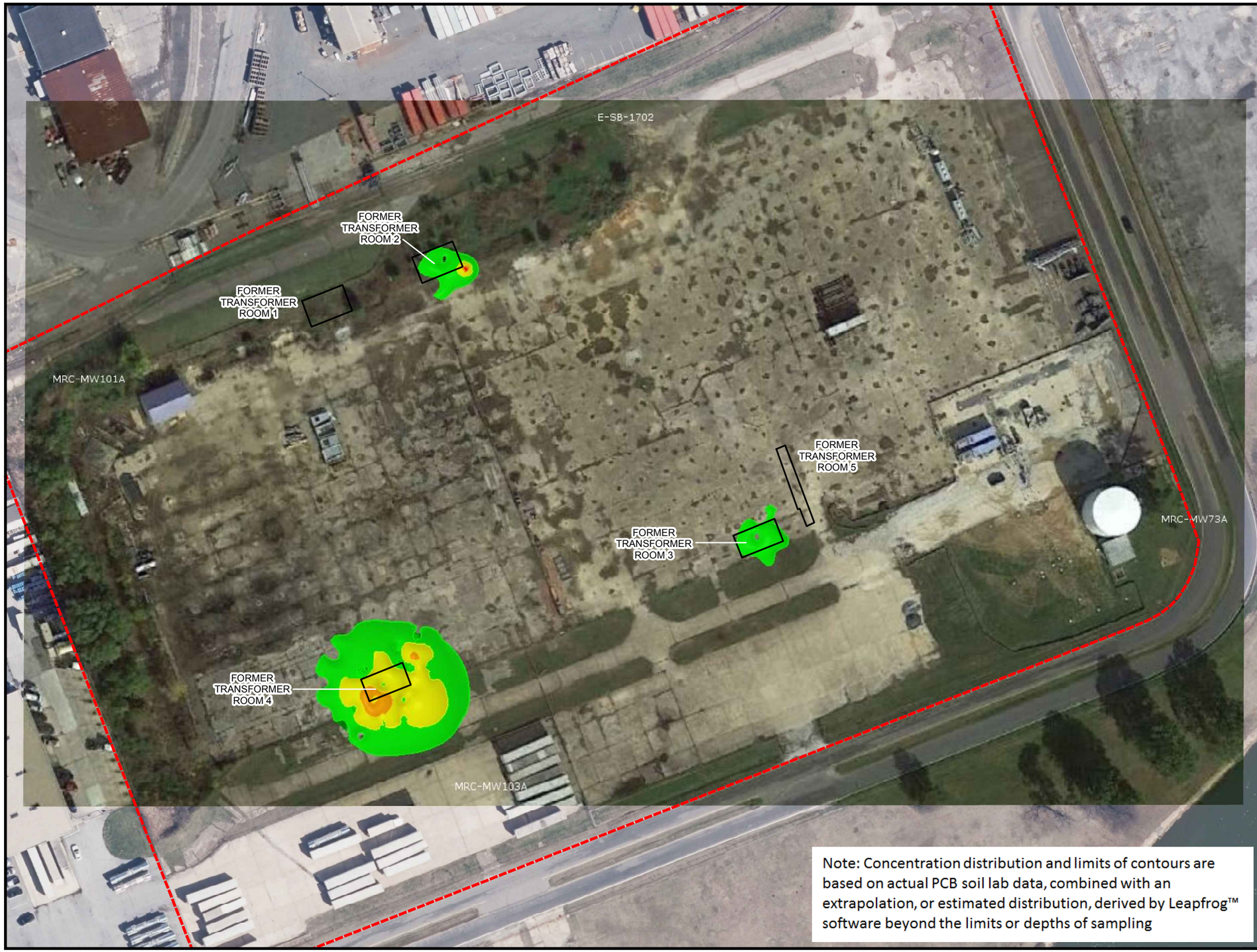
DATE MODIFIED: 04/03/18

CREATED BY: JEE

TETRA TECH

Note: Concentration distribution and limits of contours are based on actual PCB soil lab data, combined with an extrapolation, or estimated distribution, derived by Leapfrog™ software beyond the limits or depths of sampling

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_leapfrog_mar2018_1820ft.mxd)
04/03/18 -- JEE



Note: Concentration distribution and limits of contours are based on actual PCB soil lab data, combined with an extrapolation, or estimated distribution, derived by Leapfrog™ software beyond the limits or depths of sampling

FIGURE G-12

**TOTAL AROCLOR ISOCONTOURS,
20-22 FEET SOIL RESULTS
BLOCK E**

LEGEND

TOTAL AROCLOR RESULTS

- > 100 MG/KG
- > 58 AND ≤ 100 MG/KG
- > 25 AND ≤ 58 MG/KG
- > 10 AND ≤ 25 MG/KG
- FORMER TRANSFORMER ROOM
- TAX BLOCK

Isocontour graphics created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

Aerial photograph used with LeapFrog isocontours obtained from Google Earth, © 2014 Google, Inc. Image used with permission.
2014 background aerial photograph provided by U.S. Geological Survey.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 50 100 Feet

N

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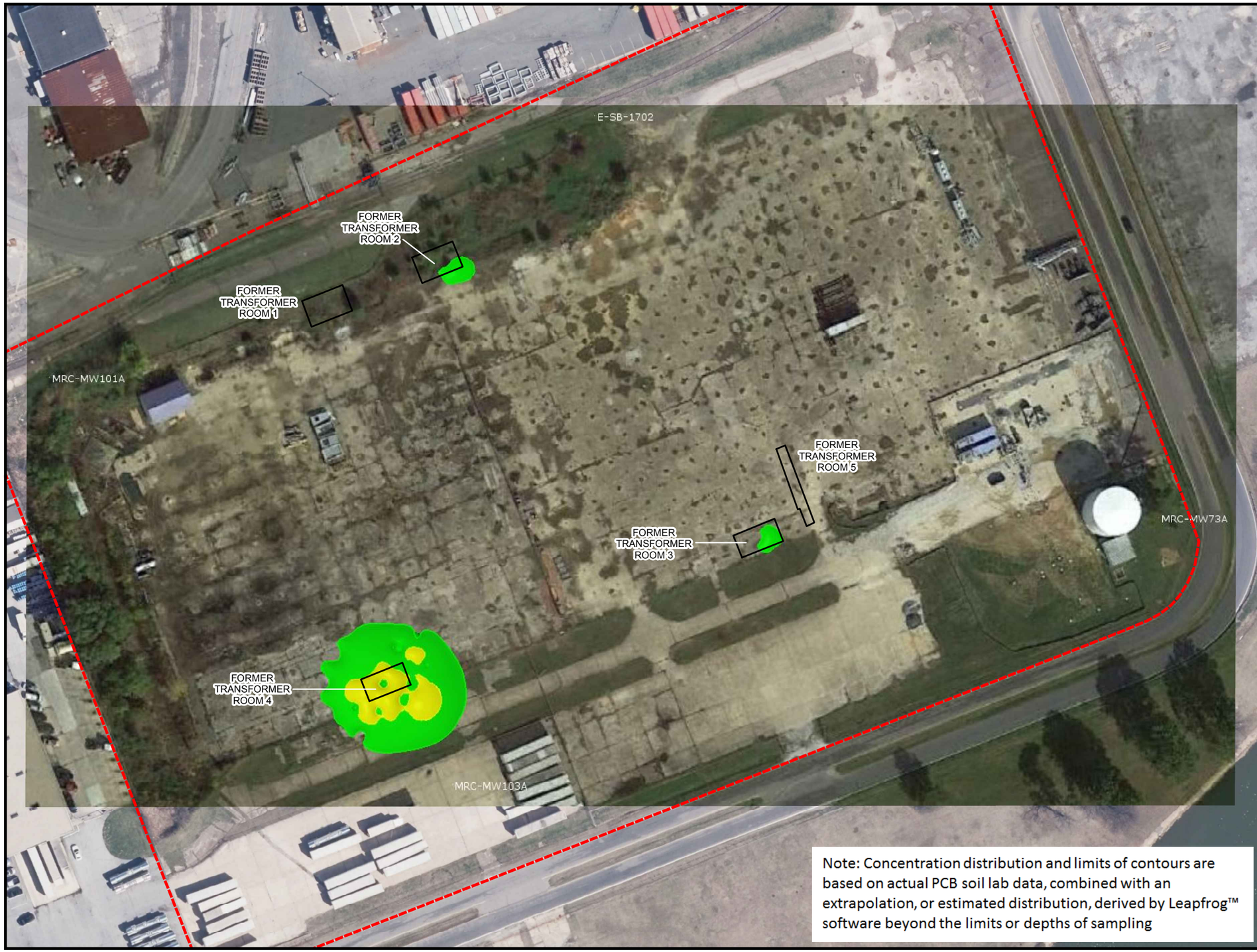
TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_leapfrog_mar2018_2022ft.mxd)
04/03/18 -- JEE



Note: Concentration distribution and limits of contours are based on actual PCB soil lab data, combined with an extrapolation, or estimated distribution, derived by Leapfrog™ software beyond the limits or depths of sampling

FIGURE G-13

**TOTAL AROCLOR ISOCONTOURS,
22-24 FEET SOIL RESULTS
BLOCK E**

LEGEND

TOTAL AROCLOR RESULTS

- > 100 MG/KG
- > 58 AND ≤ 100 MG/KG
- > 25 AND ≤ 58 MG/KG
- > 10 AND ≤ 25 MG/KG
- FORMER TRANSFORMER ROOM
- TAX BLOCK

Isocontour graphics created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

Aerial photograph used with LeapFrog isocontours obtained from Google Earth, © 2014 Google, Inc. Image used with permission.
2014 background aerial photograph provided by U.S. Geological Survey.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 50 100 Feet

N

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TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_leapfrog_mar2018_2224ft.mxd)
04/03/18 -- JEE

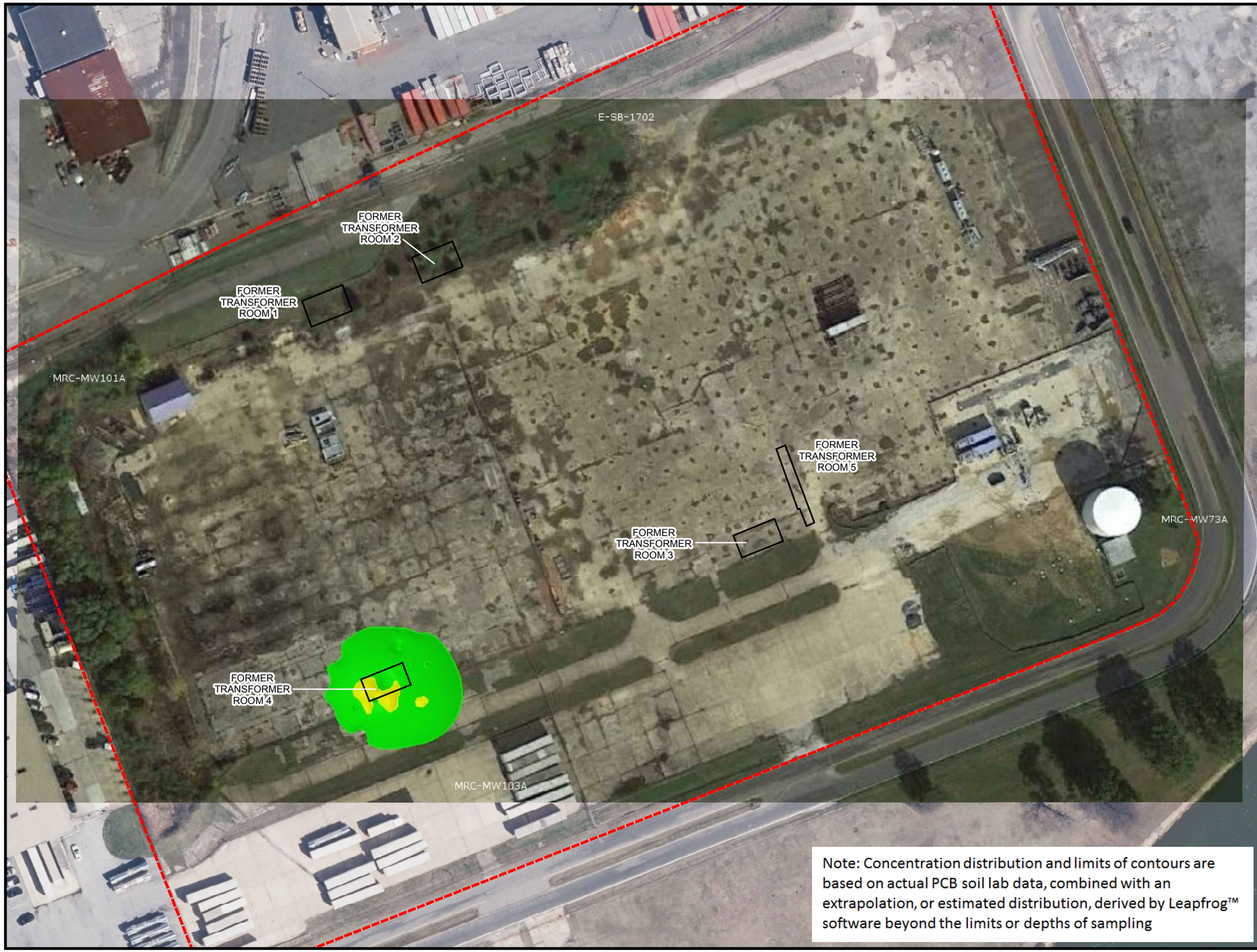


FIGURE G-14

**TOTAL AROCLOR ISOCONTOURS,
24-26 FEET SOIL RESULTS
BLOCK E**

LEGEND

TOTAL AROCLOR RESULTS

- > 100 MG/KG
- > 58 AND ≤ 100 MG/KG
- > 25 AND ≤ 58 MG/KG
- > 10 AND ≤ 25 MG/KG
- FORMER TRANSFORMER ROOM
- TAX BLOCK

Isocontour graphics created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

Aerial photograph used with LeapFrog isocontours obtained from Google Earth, © 2014 Google, Inc. Image used with permission.
2014 background aerial photograph provided by U.S. Geological Survey.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 50 100 Feet

N

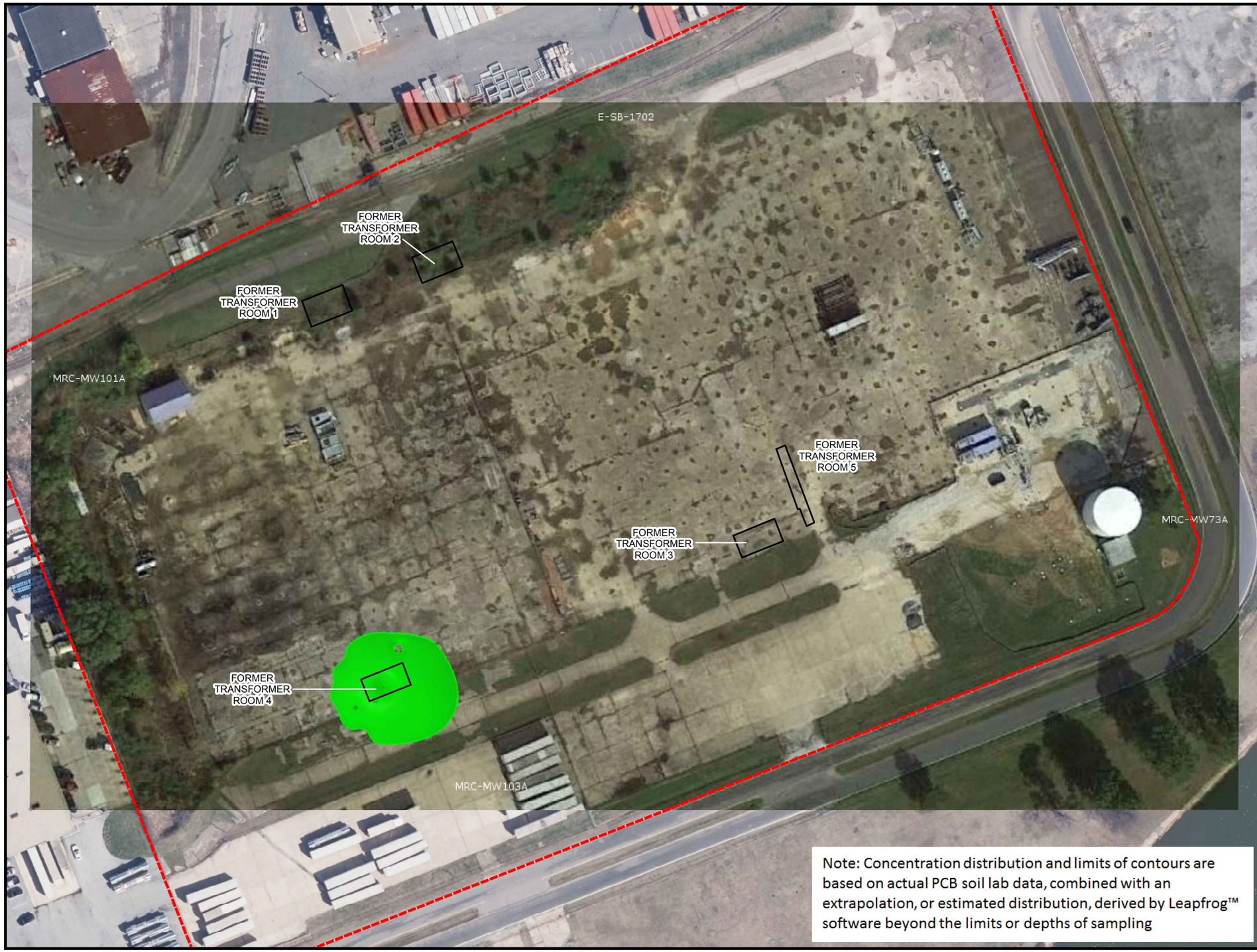
DATE MODIFIED: 04/03/18

CREATED BY: JEE

TETRA TECH

Note: Concentration distribution and limits of contours are based on actual PCB soil lab data, combined with an extrapolation, or estimated distribution, derived by Leapfrog™ software beyond the limits or depths of sampling

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_leapfrog_mar2018_2426ft.mxd)
04/03/18 -- JEE



Note: Concentration distribution and limits of contours are based on actual PCB soil lab data, combined with an extrapolation, or estimated distribution, derived by Leapfrog™ software beyond the limits or depths of sampling

FIGURE G-15

TOTAL AROCLOR ISOCONTOURS,
26-28 FEET SOIL RESULTS
BLOCK E

LEGEND

TOTAL AROCLOR RESULTS

- > 100 MG/KG
- > 58 AND ≤ 100 MG/KG
- > 25 AND ≤ 58 MG/KG
- > 10 AND ≤ 25 MG/KG
- FORMER TRANSFORMER ROOM
- TAX BLOCK

Isocontour graphics created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

Aerial photograph used with LeapFrog isocontours obtained from Google Earth, © 2014 Google, Inc. Image used with permission.
2014 background aerial photograph provided by U.S. Geological Survey.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 50 100 Feet

N

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TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_leapfrog_mar2018_2628ft.mxd)
04/03/18 -- JEE

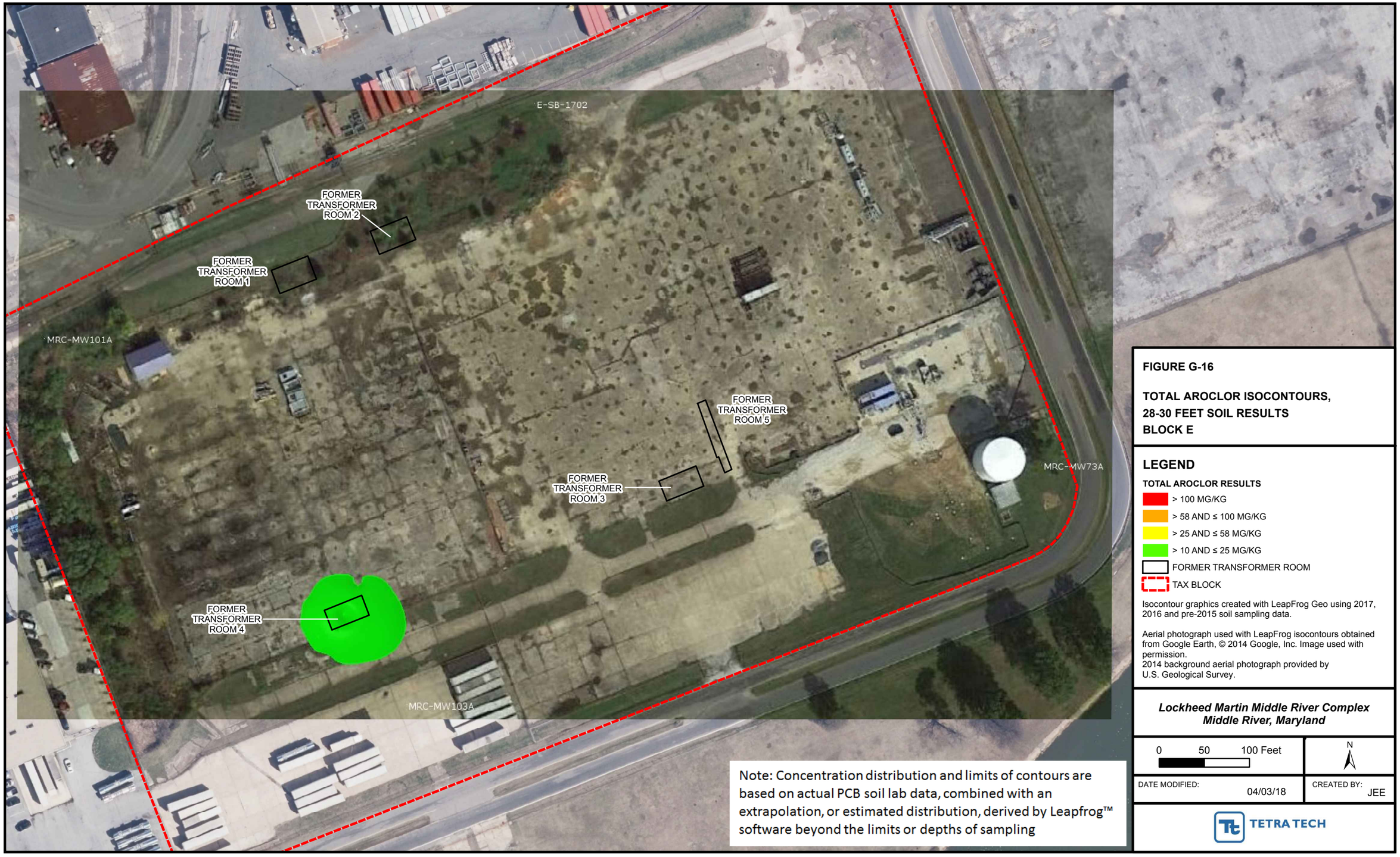


FIGURE G-16

**TOTAL AROCLOR ISOCONTOURS,
28-30 FEET SOIL RESULTS
BLOCK E**

LEGEND

TOTAL AROCLOR RESULTS

- > 100 MG/KG
- > 58 AND ≤ 100 MG/KG
- > 25 AND ≤ 58 MG/KG
- > 10 AND ≤ 25 MG/KG
- FORMER TRANSFORMER ROOM
- TAX BLOCK

Isocontour graphics created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

Aerial photograph used with LeapFrog isocontours obtained from Google Earth, © 2014 Google, Inc. Image used with permission.
2014 background aerial photograph provided by U.S. Geological Survey.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 50 100 Feet

N

DATE MODIFIED: 04/03/18

CREATED BY: JEE

TETRA TECH

Note: Concentration distribution and limits of contours are based on actual PCB soil lab data, combined with an extrapolation, or estimated distribution, derived by Leapfrog™ software beyond the limits or depths of sampling

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_leapfrog_mar2018_2830ft.mxd)
04/03/18 -- JEE

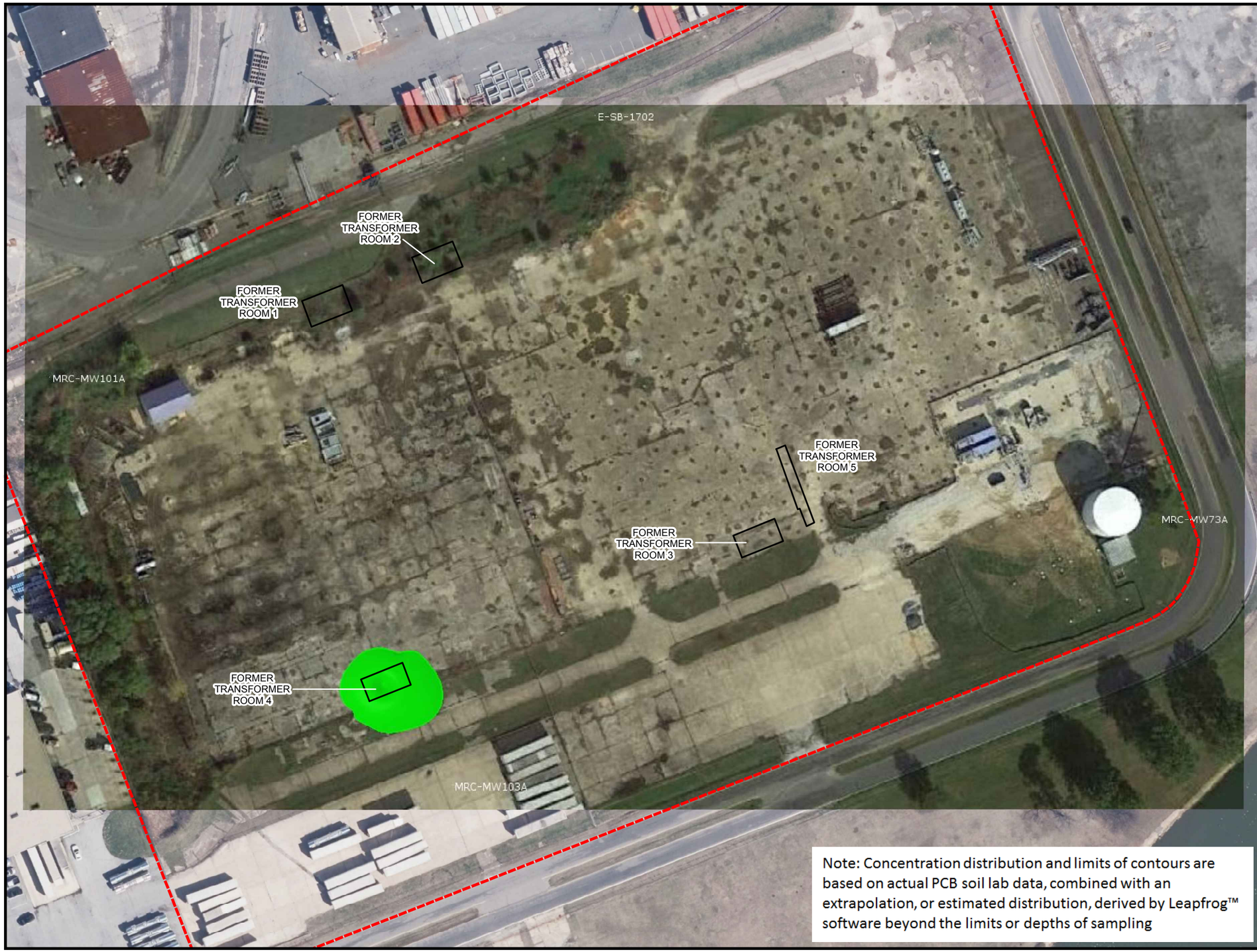


FIGURE G-17

**TOTAL AROCLOR ISOCONTOURS,
30-32 FEET SOIL RESULTS
BLOCK E**

LEGEND

TOTAL AROCLOR RESULTS

- > 100 MG/KG
- > 58 AND ≤ 100 MG/KG
- > 25 AND ≤ 58 MG/KG
- > 10 AND ≤ 25 MG/KG
- FORMER TRANSFORMER ROOM
- TAX BLOCK

Isocontour graphics created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

Aerial photograph used with LeapFrog isocontours obtained from Google Earth, © 2014 Google, Inc. Image used with permission.
2014 background aerial photograph provided by U.S. Geological Survey.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 50 100 Feet

N

DATE MODIFIED: 04/03/18

CREATED BY: JEE

TETRA TECH

Note: Concentration distribution and limits of contours are based on actual PCB soil lab data, combined with an extrapolation, or estimated distribution, derived by Leapfrog™ software beyond the limits or depths of sampling

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_leapfrog_mar2018_3032ft.mxd)
04/03/18 -- JEE

APPENDIX H—TOTAL COST ANALYSIS

LMC MRC Block E Remediation
Alternatives Estimates

Description		Alternate 3 Conventional Excavation with Shoring or Sloping					
		Shoring Alt 1		Shoring Alt 2		Benching/Sloping	
		Duration	Price	Duration	Price	Duration	Price
Plans	1		$ 230,244.92		$ 230,244.92		$ 209,313.56
Remedial Action Work Plan							
Storm Drain Removal Plan							
Radiological Work Plan							
Sampling and Analysis Plan							
Health and Safety Plan/Activity Hazard Analysis							
Construction Quality Control Plan							
Spill Prevention, Control and Countermeasures Plan							
SWPPP							
Green and Sustainable Remediation Plan							
Waste Management Plan							
Traffic Control Plan							
General Conditions	2						
Home Office Mangement		10	$ 323,794.61	12	$ 388,553.53	7	$ 226,656.23
Professional Staff							
Travel associated with HO Management							
Field Management		10	$ 2,160,633.82	12	$ 2,592,760.59	7	$ 1,512,443.68
Professional Staff							
Travel Associated with Field Personnel							
Vehciles for on -site staff							
Meetings							
Erosion Controls			$ 59,958.92		$ 59,958.92		$ 59,958.92
Establish Laydown Area			$ 20,264.01		$ 20,264.01		$ 20,264.01
Develop Decon Area			$ 3,905.65		$ 3,905.65		$ 3,905.65
Construction Entrances			$ 14,225.04		$ 14,225.04		$ 14,225.04
Permits and Fees			$ 637.01		$ 637.01		$ 637.01
Craft Physicals and Training			$ 14,482.78		$ 14,482.78		$ 14,482.78
Temporary Facilites		10	$ 87,252.59	12	$ 104,703.11	7	$ 61,076.81
Bond (assume 2%) See Prime Bond Above							
Mobilization			$ 82,951.67		$ 82,951.67		$ 82,951.67
Personnel							
Equipment							
Temp Facilities							
Subs							
Demobilization			$ 44,810.87		$ 44,810.87		$ 44,810.87
Personnel							
Equipment							
Temp Facilities							
Subs							
Survey							
Initial Survey			$ 7,530.02		$ 7,530.02		$ 7,530.02
Progress Surveys		10	$ 253,703.84	12	$ 304,444.60	7	$ 177,592.68
Final As-Built Surveys			$ 18,390.63		$ 18,390.63		$ 18,390.63
Utility Locate			$ 50,682.84		$ 50,682.84		$ 50,682.84
Permanent Fence			$ 62,021.32		$ 62,021.32		$ 62,021.32
Permanent Fence Demo							
Permanent Fence Replacement							
Water Truck, Loader and Street Sweeper		10	$ 725,773.92	12	$ 870,928.70	7	$ 508,041.74
Alternative 3 Surface Soils Conventional Excavation	4						
Excavation Assuming Shoring to be Used			$ 652,594.11		$ 652,594.11		
Alternative C Surface Soils Conventional Excavation Shallow Excavations							
Alternative C Surface Soils Conventional Excavation Deep Excavations							
Excavation Assuming Sloping and Benching to be Used							
Alternative C Surface Soils Conventional Excavation Shallow Excavations							$ 74,971.22
Alternative C Surface Soils Conventional Excavation Deep Excavations							$ 153,587.48
Additional Material to be Removed for Benching							$ 88,919.07
Alternative 4 Subsurface Soils Auger Excavation	6						
Soil Amendment for Auger Excavation							
Alternative 7 In-situ Thermal Desorption	9						
Alternative 8 Ex-situ Thermal Desorption	10						
Rad Pipe Removal	11						
Establish Exclusion Zones			$ 3,368.41		$ 3,368.41		$ 3,368.41
Establish Rad Loadout Area							
Water Treatment for with RAD Concerns			$ 4,221.16		$ 4,221.16		$ 4,221.16
Pipe Removal							
Remove overburden over Pipe			$ 11,229.44		$ 11,229.44		$ 11,229.44
Drill Holes in Pipe			$ 2,438.92		$ 2,438.92		$ 2,438.92
Drill and Inspect Pipe							
RAD Scan Pipe and Look for Liquids in Piping			$ 2,438.92		$ 2,438.92		$ 2,438.92
RAD Scanning - Performed by RAD Techs - Covered under RAD Oversight							
Laborers looking for Liquid in Pipe and Spray Foam to segregate.							
Size Pipe in Place			$ 22,035.39		$ 22,035.39		$ 22,035.39
Size Pipe							
Remove Pipe			$ 11,597.48		$ 11,597.48		$ 11,597.48
Backfill Pipe Excavations as Required			$ 12,208.15		$ 12,208.15		$ 12,208.15
Rad Oversight							
License Support			$ 24,443.61		$ 24,443.61		$ 24,443.61
Project HP Field Support Monthly Support During Pipe Removal		1	$ 111,274.62	1	$ 111,274.62	1	$ 111,274.62
Project HP Support Months beyond Pipe Removal		9	$ 616,195.35	11	$ 753,127.65	6	$ 410,796.90
Rad Instrumentation		9	$ 50,501.83	11	$ 61,724.46	6	$ 33,667.89
Rad Worker Surveilance		9	$ 41,704.74	11	$ 50,972.46	6	$ 27,803.16
PPE/Dress out for Rad Work and Misc. Items			$ 30,396.17		$ 30,396.17		$ 30,396.17
Health Physics Misc. Items			$ 62,319.62		$ 62,319.62		$ 62,319.62
Radiation Project Manager							
During Pipe Removal		1	$ 58,763.14	1	$ 58,763.14	1	$ 58,763.14
During other Remediation Work		9	$ 537,991.15	11	$ 657,544.73	6	$ 358,660.76
Rad Sampling and Analysis							
Confirmation Samples			$ 26,065.46		$ 26,065.46		$ 26,065.46
Misc Rad Samples to Include Waste Profile Samples			$ 7,240.41		$ 7,240.41		$ 7,240.41
Water Treatment Component	12						
Water Treatment for PCBs only		6	$ 181,941.27	8	$ 242,588.36	4	$ 121,294.18
Mobilization							
Demobilization							

LMC MRC Block E Remediation
Alternatives Estimates

Description		Alternate 3 Conventional Excavation with Shoring or Sloping					
		Shoring Alt 1		Shoring Alt 2		Benching/Sloping	
		Duration	Price	Duration	Price	Duration	Price
Monthly Rental							
Carbon Change Out and Other Purchases							
Well Point System for Deep Excavations		**5**	**$ 1,232,414.35**	**5**	**$ 1,232,414.35**	**4**	**$ 985,931.48**
Shoring	**13**						
Shoring of Exavation Areas Alternate 1			**$ 3,372,320.58**				
Shoring Alternate 1 Sub Mob							
Excavation of Area A							
Excavation Areas B, C and D							
Excavation Area E							
Excavation Area F and G							
Excavation Area H&I							
Demo of Shoring							
Shoring of Exavation Areas Alternate 2 with Walers					**$ 1,846,178.28**		
Shoring Alternate 2 Sub Mob							
Excavation of Area A							
Sheetpile							
Waler							
Excavation Areas B, C and D							
Sheetpile							
Waler							
Excavation Area E							
Sheetpile							
Waler							
Excavation Area F and G							
Sheetpile							
Waler							
Excavation Area H&I No Waler for this one same as Alternate 1							
Demo of Shoring							
Timber Mats for Use with Shoring			**$ 7,981.82**		**$ 7,981.82**		
Shoring of Western and Northwest Portion of Slab to Facilitate Rad Removal and Storm Drain Replacement							
Removal of 9,700 CY of Soil covering slab			**$ 56,938.27**		**$ 56,938.27**		**$ 56,938.27**
Install Soldier Piling							
Alternate 1			**$ 2,016,771.72**				
Alternate 2					**$ 1,511,617.84**		**$ 1,511,617.84**
Soldier Pile and Lagging							
Waler and Anchors							
Removal of Soldier Pile Wall							
Alternate 1			**$ 922,717.37**				
Alternate 2					**$ 485,473.81**		**$ 485,473.81**
Foundation and Concrete Removal	**14**		**$ 638,643.99**		**$ 638,643.99**		**$ 638,643.99**
Remove Concrete Slab							
Concrete Footings and Pilings							
Removal of Other Concrete (Roadways/Lots)							
Removal of Manholes and Inlets							
Transportation and Disposal	**15**						
T&D for RAD Waste Pipe and Soil			$ 506,828.44		$ 506,828.44		$ 506,828.44
T&D for Mixed Waste (RAD AND TSCA and RAD and non-TSCA)			$ 173,769.75		$ 173,769.75		$ 173,769.75
T&D for TSCA PCBs Soils			$ 9,448,730.16		$ 9,448,730.16		$ 9,448,730.16
T&D for non-TSCA PCBs Soils			$ 121,638.83		$ 121,638.83		$ 121,638.83
T&D for Concrete and Rebar/WWF			$ 550,958.71		$ 550,958.71		$ 550,958.71
T&D for Piping			$ 333,985.46		$ 333,985.46		$ 333,985.46
Storm Drain Piping							
UST Piping							
Waste Water T&D (if required)			$ 23,893.34		$ 23,893.34		$ 23,893.34
Waste Water Rad T&D if required.							
Disposal of Fencing, Timber Mats and other Construction Debris			$ 22,590.07		$ 22,590.07		$ 22,590.07
On-site Re-use of Waste (Covered Under Restoration)	**16**						
Restoration	**17**						
Placement of Backfill for Shallow Excavation			$ 205,580.39		$ 205,580.39		$ 205,580.39
Placement of Backfill for Deep Excavations			$ 329,344.69		$ 329,344.69		$ 329,344.69
Replacemnt of 9700 CY from West End of Slab			$ 72,772.60		$ 72,772.60		$ 72,772.60
Backfill additional 8200 CY removed as part of Sloping and Shoring.							
Surface Restoration and Grading			$ 633,515.24		$ 633,515.24		$ 633,515.24
Existing Grade							
Grade to New Contours							
TopSoil			$ 8,990.41		$ 8,990.41		$ 8,990.41
Reseed			$ 59,327.16		$ 59,327.16		$ 59,327.16
Samplng and Analysis	**18**						
Remove/Replace Storm Drain			$ 3,909.82		$ 3,909.82		$ 3,909.82
SubSlab Piping (non-RAD)			$ 4,626.62		$ 4,626.62		$ 4,626.62
Foundation Slab			$ 10,368.26		$ 10,368.26		$ 10,368.26
Concrete Footings			$ 2,954.09		$ 2,954.09		$ 2,954.09
Other Concrete			$ 2,913.54		$ 2,913.54		$ 2,913.54
Product Pipeline			$ 6,646.69		$ 6,646.69		$ 6,646.69
Sampling for 8200 CY of Sloping/Benching Add'l Soil							
Alternate 3			$ 97,519.58		$ 97,519.58		$ 97,519.58
Alternate 4							
Alternate 7							
Alternate 8							
Data Management and Review by Chemists			$ 27,644.25		$ 27,644.25		$ 27,644.25
Geotechnical Testing			$ 61,227.77		$ 61,227.77		$ 61,227.77
Data Validation			$ 46,338.60		$ 46,338.60		$ 46,338.60
Storm Drain Removal and Replacement	**19**		**$ 110,938.29**		**$ 110,938.29**		**$ 110,938.29**
Pipe Removal							
Remove overburden over Pipe							
Drill Holes in Pipe							
Drill and Inspect Pipe							
Look for Liquids in Piping							
Laborers looking for Liquid in Pipe and Spray Foam to segregate.							
Size Pipe in Place							
Size Pipe							
Remove Pipe							
Backfill Pipe Excavations as Required							
Replacement Pipe							

LMC MRC Block E Remediation
Alternatives Estimates

Description		Alternate 3 Conventional Excavation with Shoring or Sloping					
		Shoring Alt 1		Shoring Alt 2		Benching/Sloping	
		Duration	Price	Duration	Price	Duration	Price
Removal or Old UST Piping	**20**		**$ 29,225.40**		**$ 29,225.40**		**$ 29,225.40**
Pipe Removal							
Remove overburden over Pipe							
Drill Holes in Pipe							
Drill and Inspect Pipe							
RAD Scan Pipe and Look for Liquids in Piping							
Laborers looking for Liquid in Pipe and Spray Foam to segregate.							
Size Pipe in Place							
Size Pipe							
Remove Pipe							
Backfill Pipe Excavations as Required							
Other SubSlab Piping non-Sewer Pipe	**21**		**$ 82,030.71**		**$ 82,030.71**		**$ 82,030.71**
Pipe Removal							
Remove overburden over Pipe							
Drill Holes in Pipe							
Drill and Inspect Pipe							
Look for Liquids in Piping							
Laborers looking for Liquid in Pipe and Spray Foam to segregate.							
Size Pipe in Place							
Size Pipe							
Remove Pipe							
Backfill Pipe Excavations as Required							
Completion Reporting	**22**		**$ 72,404.06**		**$ 72,404.06**		**$ 72,404.06**
Completion Report							
Reportring and Record Drawings							
			$ 27,930,694.85		**$ 26,510,010.21**		**$ 21,464,005.37**

Additonal Items

Storm Water Channel to be Remediated Q1							
Numbered note 1							
Excavation			**$ 6,345.64**		**$ 6,345.64**		**$ 6,345.64**
Backfill			**$ 6,251.11**		**$ 6,251.11**		**$ 6,251.11**
Reseed			**$ -**		**$ -**		**$ -**
T&D			**$ 32,668.71**		**$ 32,668.71**		**$ 32,668.71**
Alt 8 Version							
Backfill Alt 8							
Numbered note 2							
Excavation			**$ 8,173.17**		**$ 8,173.17**		**$ 8,173.17**
Backfill			**$ 16,856.56**		**$ 16,856.56**		**$ 16,856.56**
Reseed			**$ 3,955.14**		**$ 3,955.14**		**$ 3,955.14**
T&D			**$ 37,253.80**		**$ 37,253.80**		**$ 37,253.80**
Alt 8 Version							
Backfill Alt 8							
Numbered note 3							
Excavation			**$ 1,776.78**		**$ 1,776.78**		**$ 1,776.78**
Backfill			**$ 1,768.24**		**$ 1,768.24**		**$ 1,768.24**
Reseed			**$ -**		**$ -**		**$ -**
T&D			**$ 9,296.68**		**$ 9,296.68**		**$ 9,296.68**
Alt 8 Version							
Backfill Alt 8							
Numbered note 4							
Excavation			**$ 1,548.33**		**$ 1,548.33**		**$ 1,548.33**
Backfill			**$ 1,519.20**		**$ 1,519.20**		**$ 1,519.20**
Reseed			**$ -**		**$ -**		**$ -**
T&D			**$ 7,993.41**		**$ 7,993.41**		**$ 7,993.41**
Alt 8 Version							
Backfill Alt 8							
Remove Soil from Median Strip and Refab							
Numbered note 5							
Excavation			**$ 14,548.29**		**$ 14,548.29**		**$ 14,548.29**
Backfill			**$ 14,971.12**		**$ 14,971.12**		**$ 14,971.12**
Reseed			**$ 3,955.14**		**$ 3,955.14**		**$ 3,955.14**
T&D			**$ 52,130.93**		**$ 52,130.93**		**$ 52,130.93**
Alt 8 Version							
Backfill Alt 8							
Total of Alternatives			**$ 221,012.26**		**$ 221,012.26**		**$ 221,012.26**
NEW TOTAL			**$ 28,151,707.11**		**$ 26,731,022.47**		**$ 21,685,017.63**

LMC MRC Block E Remediation
Alternatives Estimates

Description		Alternate 4 Sub Surface Soils Large Diameter Auger Excavations					
		Shoring Alt 1		Shoring Alt 2			
		Duration	Price	Duration	Price	Duration	Price
Plans	1		$ 230,244.92		$ 230,244.92		
Remedial Action Work Plan							
Storm Drain Removal Plan							
Radiological Work Plan							
Sampling and Analysis Plan							
Health and Safety Plan/Activity Hazard Analysis							
Construction Quality Control Plan							
Spill Prevention, Control and Countermeasures Plan							
SWPPP							
Green and Sustainable Remediation Plan							
Waste Management Plan							
Traffic Control Plan							
General Conditions	2						
Home Office Mangement		8	$ 259,035.69	8	$ 259,035.69		
Professional Staff							
Travel associated with HO Management							
Field Management		8	$ 1,728,507.06	8	$ 1,728,507.06		
Professional Staff							
Travel Associated with Field Personnel							
Vehciles for on -site staff							
Meetings							
Erosion Controls			$ 59,958.92		$ 59,958.92		
Establish Laydown Area			$ 20,264.01		$ 20,264.01		
Develop Decon Area			$ 3,905.65		$ 3,905.65		
Construction Entrances			$ 14,225.04		$ 14,225.04		
Permits and Fees			$ 637.01		$ 637.01		
Craft Physicals and Training			$ 14,482.78		$ 14,482.78		
Temporary Facilites		8	$ 69,802.07	8	$ 69,802.07		
Bond (assume 2%) See Prime Bond Above							
Mobilization			$ 82,951.67		$ 82,951.67		
Personnel							
Equipment							
Temp Facilities							
Subs							
Demobilization			$ 44,810.87		$ 44,810.87		
Personnel							
Equipment							
Temp Facilities							
Subs							
Survey							
Initial Survey			$ 7,530.02		$ 7,530.02		
Progress Surveys		8	$ 202,963.07	8	$ 202,963.07		
Final As-Built Surveys			$ 18,390.63		$ 18,390.63		
Utility Locate			$ 50,682.84		$ 50,682.84		
Permanent Fence			$ 62,021.32		$ 62,021.32		
Permanent Fence Demo							
Permanent Fence Replacement							
Water Truck, Loader and Street Sweeper		8	$ 580,619.14	8	$ 580,619.14		
Alternative 3 Surface Soils Conventional Excavation	4						
Excavation Assuming Shoring to be Used							
Alternative C Surface Soils Conventional Excavation Shallow Excavations			$ 74,971.22		$ 74,971.22		
Alternative C Surface Soils Conventional Excavation Deep Excavations							
Excavation Assuming Sloping and Benching to be Used							
Alternative C Surface Soils Conventional Excavation Shallow Excavations							
Alternative C Surface Soils Conventional Excavation Deep Excavations							
Additional Material to be Removed for Benching							
Alternative 4 Subsurface Soils Auger Excavation	6		$ 1,700,047.39		$ 1,700,047.39		
Soil Amendment for Auger Excavation			$ 393,443.68		$ 393,443.68		
Alternative 7 In-situ Thermal Desorption	9						
Alternative 8 Ex-situ Thermal Desorption	10						
Rad Pipe Removal	11						
Establish Exclusion Zones			$ 3,368.41		$ 3,368.41		
Establish Rad Loadout Area							
Water Treatment for with RAD Concerns			$ 4,221.16		$ 4,221.16		
Pipe Removal							
Remove overburden over Pipe			$ 11,229.44		$ 11,229.44		
Drill Holes in Pipe			$ 2,438.92		$ 2,438.92		
Drill and Inspect Pipe							
RAD Scan Pipe and Look for Liquids in Piping			$ 2,438.92		$ 2,438.92		
RAD Scanning - Performed by RAD Techs - Covered under RAD Oversight							
Laborers looking for Liquid in Pipe and Spray Foam to segregate.							
Size Pipe in Place			$ 22,035.39		$ 22,035.39		
Size Pipe							
Remove Pipe			$ 11,597.48		$ 11,597.48		
Backfill Pipe Excavations as Required			$ 12,208.15		$ 12,208.15		
Rad Oversight							
License Support			$ 24,443.61		$ 24,443.61		
Project HP Field Support Monthly Support During Pipe Removal		1	$ 111,274.62	1	$ 111,274.62		
Project HP Support Months beyond Pipe Removal		7	$ 479,263.05	7	$ 479,263.05		
Rad Instrumentation		7	$ 39,279.20	7	$ 39,279.20		
Rad Worker Surveilance		7	$ 32,437.02	7	$ 32,437.02		
PPE/Dress out for Rad Work and Misc. Items			$ 30,396.17		$ 30,396.17		
Health Physics Misc. Items			$ 62,319.62		$ 62,319.62		
Radiation Project Manager							
During Pipe Removal		1	$ 58,763.14	1	$ 58,763.14		
During other Remediation Work		7	$ 418,437.56	7	$ 418,437.56		
Rad Sampling and Analysis							
Confirmation Samples			$ 26,065.46		$ 26,065.46		
Misc Rad Samples to Include Waste Profile Samples			$ 7,240.41		$ 7,240.41		
Water Treatment Component	12						
Water Treatment for PCBs only		4	$ 121,294.18	4	$ 121,294.18		
Mobilization							
Demobilization							

LMC MRC Block E Remediation
Alternatives Estimates

Description		Alternate 4 Sub Surface Soils Large Diameter Auger Excavations					
		Shoring Alt 1		Shoring Alt 2			
		Duration	Price	Duration	Price	Duration	Price
Monthly Rental							
Carbon Change Out and Other Purchases							
Well Point System for Deep Excavations							
Shoring	**13**						
Shoring of Exavation Areas Alternate 1							
Shoring Alternate 1 Sub Mob							
Excavation of Area A							
Excavation Areas B, C and D							
Excavation Area E							
Excavation Area F and G							
Excavation Area H&I							
Demo of Shoring							
Shoring of Exavation Areas Alternate 2 with Walers							
Shoring Alternate 2 Sub Mob							
Excavation of Area A							
Sheetpile							
Waler							
Excavation Areas B, C and D							
Sheetpile							
Waler							
Excavation Area E							
Sheetpile							
Waler							
Excavation Area F and G							
Sheetpile							
Waler							
Excavation Area H&I No Waler for this one same as Alternate 1							
Demo of Shoring							
Timber Mats for Use with Shoring							
Shoring of Western and Northwest Portion of Slab to Facilitate Rad Removal and Storm Drain Replacement							
Removal of 9,700 CY of Soil covering slab			**$ 56,938.27**		**$ 56,938.27**		
Install Soldier Piling							
Alternate 1			**$ 2,016,771.72**				
Alternate 2					**$ 1,511,617.84**		
Soldier Pile and Lagging							
Waler and Anchors							
Removal of Soldier Pile Wall							
Alternate 1			**$ 922,717.37**				
Alternate 2					**$ 485,473.81**		
Foundation and Concrete Removal	**14**		**$ 638,643.99**		**$ 638,643.99**		
Remove Concrete Slab							
Concrete Footings and Pilings							
Removal of Other Concrete (Roadways/Lots)							
Removal of Manholes and Inlets							
Transportation and Disposal	**15**						
T&D for RAD Waste Pipe and Soil			$ 506,828.44		$ 506,828.44		
T&D for Mixed Waste (RAD AND TSCA and RAD and non TSCA)			$ 173,769.75		$ 173,769.75		
T&D for TSCA PCBs Soils			$ 9,448,730.16		$ 9,448,730.16		
T&D for non-TSCA PCBs Soils			$ 121,638.83		$ 121,638.83		
T&D for Concrete and Rebar/WWF			$ 550,958.71		$ 550,958.71		
T&D for Piping			$ 333,985.46		$ 333,985.46		
Storm Drain Piping							
UST Piping							
Waste Water T&D (if required)			$ 23,893.34		$ 23,893.34		
Waste Water Rad T&D if required.							
Disposal of Fencing, Timber Mats and other Construction Debris			$ 22,590.07		$ 22,590.07		
On-site Re-use of Waste (Covered Under Restoration)	**16**						
Restoration	**17**						
Placement of Backfill for Shallow Excavation			$ 205,580.39		$ 205,580.39		
Placement of Backfill for Deep Excavations			$ 329,344.69		$ 329,344.69		
Replacemnt of 9700 CY from West End of Slab			$ 72,772.60		$ 72,772.60		
Backfill additional 8200 CY removed as part of Sloping and Shoring.							
Surface Restoration and Grading			$ 633,515.24		$ 633,515.24		
Existing Grade							
Grade to New Contours							
TopSoil			$ 8,990.41		$ 8,990.41		
Reseed			$ 59,327.16		$ 59,327.16		
Samplng and Analysis	**18**						
Remove/Replace Storm Drain			$ 3,909.82		$ 3,909.82		
SubSlab Piping (non-RAD)			$ 4,626.62		$ 4,626.62		
Foundation Slab			$ 10,368.26		$ 10,368.26		
Concrete Footings			$ 2,954.09		$ 2,954.09		
Other Concrete			$ 2,913.54		$ 2,913.54		
Product Pipeline			$ 6,646.69		$ 6,646.69		
Sampling for 8200 CY of Sloping/Benching Add'l Soil							
Alternate 3							
Alternate 4			$ 77,803.96		$ 77,803.96		
Alternate 7							
Alternate 8							
Data Management and Review by Chemists			$ 27,644.25		$ 27,644.25		
Geotechnical Testing			$ 61,227.77		$ 61,227.77		
Data Validation			$ 46,338.60		$ 46,338.60		
Storm Drain Removal and Replacement	**19**		**$ 110,938.29**		**$ 110,938.29**		
Pipe Removal							
Remove overburden over Pipe							
Drill Holes in Pipe							
Drill and Inspect Pipe							
Look for Liquids in Piping							
Laborers looking for Liquid in Pipe and Spray Foam to segregate.							
Size Pipe in Place							
Size Pipe							
Remove Pipe							
Backfill Pipe Excavations as Required							
Replacement Pipe							

LMC MRC Block E Remediation
Alternatives Estimates

Description		Alternate 4 Sub Surface Soils Large Diameter Auger Excavations					
		Shoring Alt 1		Shoring Alt 2			
		Duration	Price	Duration	Price	Duration	Price
Removal or Old UST Piping	**20**		**$ 29,225.40**		**$ 29,225.40**		
Pipe Removal							
Remove overburden over Pipe							
Drill Holes in Pipe							
Drill and Inspect Pipe							
RAD Scan Pipe and Look for Liquids in Piping							
Laborers looking for Liquid in Pipe and Spray Foam to segregate.							
Size Pipe in Place							
Size Pipe							
Remove Pipe							
Backfill Pipe Excavations as Required							
Other SubSlab Piping non-Sewer Pipe	**21**		**$ 82,030.71**		**$ 82,030.71**		
Pipe Removal							
Remove overburden over Pipe							
Drill Holes in Pipe							
Drill and Inspect Pipe							
Look for Liquids in Piping							
Laborers looking for Liquid in Pipe and Spray Foam to segregate.							
Size Pipe in Place							
Size Pipe							
Remove Pipe							
Backfill Pipe Excavations as Required							
Completion Reporting	**22**		**$ 72,404.06**		**$ 72,404.06**		
Completion Report							
Reportring and Record Drawings							
			$ 23,766,275.57		**$ 22,823,878.14**		

Additonal Items

Storm Water Channel to be Remediated Q1							
Numbered note 1							
Excavation			**$ 6,345.64**		**$ 6,345.64**		
Backfill			**$ 6,251.11**		**$ 6,251.11**		
Reseed			**$ -**		**$ -**		
T&D			**$ 32,668.71**		**$ 32,668.71**		
Alt 8 Version							
Backfill Alt 8							
Numbered note 2							
Excavation			**$ 8,173.17**		**$ 8,173.17**		
Backfill			**$ 16,856.56**		**$ 16,856.56**		
Reseed			**$ 3,955.14**		**$ 3,955.14**		
T&D			**$ 37,253.80**		**$ 37,253.80**		
Alt 8 Version							
Backfill Alt 8							
Numbered note 3							
Excavation			**$ 1,776.78**		**$ 1,776.78**		
Backfill			**$ 1,768.24**		**$ 1,768.24**		
Reseed			**$ -**		**$ -**		
T&D			**$ 9,296.68**		**$ 9,296.68**		
Alt 8 Version							
Backfill Alt 8							
Numbered note 4							
Excavation			**$ 1,548.33**		**$ 1,548.33**		
Backfill			**$ 1,519.20**		**$ 1,519.20**		
Reseed			**$ -**		**$ -**		
T&D			**$ 7,993.41**		**$ 7,993.41**		
Alt 8 Version							
Backfill Alt 8							
Remove Soil from Median Strip and Refab							
Numbered note 5							
Excavation			**$ 14,548.29**		**$ 14,548.29**		
Backfill			**$ 14,971.12**		**$ 14,971.12**		
Reseed			**$ 3,955.14**		**$ 3,955.14**		
T&D			**$ 52,130.93**		**$ 52,130.93**		
Alt 8 Version							
Backfill Alt 8							
Total of Alternatives			**$ 221,012.26**		**$ 221,012.26**		
NEW TOTAL			**$ 23,987,287.83**		**$ 23,044,890.39**		

LMC MRC Block E Remediation
Alternatives Estimates

Description		Alternate 7 Conventional Excavation and In-situ Thermal Desorption					
		Shoring Alt 1		Shoring Alt 2		Shoring Alt 1/Alt 2	
		Duration	Price	Duration	Price	Duration	Price
Plans	1		$ 230,244.92		$ 230,244.92		$ 230,244.92
Remedial Action Work Plan							
Storm Drain Removal Plan							
Radiological Work Plan							
Sampling and Analysis Plan							
Health and Safety Plan/Activity Hazard Analysis							
Construction Quality Control Plan							
Spill Prevention, Control and Countermeasures Plan							
SWPPP							
Green and Sustainable Remediation Plan							
Waste Management Plan							
Traffic Control Plan							
General Conditions	2						
Home Office Mangement		14	$ 453,312.45	15	$ 485,691.91	14	$ 453,312.45
Professional Staff							
Travel associated with HO Management							
Field Management		14	$ 3,024,887.35	15	$ 3,240,950.74	14	$ 3,024,887.35
Professional Staff							
Travel Associated with Field Personnel							
Vehciles for on -site staff							
Meetings							
Erosion Controls			$ 59,958.92		$ 59,958.92		$ 59,958.92
Establish Laydown Area			$ 20,264.01		$ 20,264.01		$ 20,264.01
Develop Decon Area			$ 3,905.65		$ 3,905.65		$ 3,905.65
Construction Entrances			$ 14,225.04		$ 14,225.04		$ 14,225.04
Permits and Fees			$ 637.01		$ 637.01		$ 637.01
Craft Physicals and Training			$ 14,482.78		$ 14,482.78		$ 14,482.78
Temporary Facilites		14	$ 122,153.63	15	$ 130,878.89	14	$ 122,153.63
Bond (assume 2%) See Prime Bond Above							
Mobilization			$ 82,951.67		$ 82,951.67		$ 82,951.67
Personnel							
Equipment							
Temp Facilities							
Subs							
Demobilization			$ 44,810.87		$ 44,810.87		$ 44,810.87
Personnel							
Equipment							
Temp Facilities							
Subs							
Survey							
Initial Survey			$ 7,530.02		$ 7,530.02		$ 7,530.02
Progress Surveys		14	$ 355,185.37	15	$ 380,555.75	14	$ 355,185.37
Final As-Built Surveys			$ 18,390.63		$ 18,390.63		$ 18,390.63
Utility Locate			$ 50,682.84		$ 50,682.84		$ 50,682.84
Permanent Fence			$ 62,021.32		$ 62,021.32		$ 62,021.32
Permanent Fence Demo							
Permanent Fence Replacement							
Water Truck, Loader and Street Sweeper		14	$ 1,016,083.49	15	$ 1,088,660.88	14	$ 1,016,083.49
Alternative 3 Surface Soils Conventional Excavation	4						
Excavation Assuming Shoring to be Used							
Alternative C Surface Soils Conventional Excavation Shallow Excavations			$ 74,971.22		$ 74,971.22		$ 74,971.22
Alternative C Surface Soils Conventional Excavation Deep Excavations							
Excavation Assuming Sloping and Benching to be Used							
Alternative C Surface Soils Conventional Excavation Shallow Excavations							
Alternative C Surface Soils Conventional Excavation Deep Excavations							
Additional Material to be Removed for Benching							
Alternative 4 Subsurface Soils Auger Excavation	6						
Soil Amendment for Auger Excavation							
Alternative 7 In-situ Thermal Desorption	9		$ 8,963,905.31		$ 8,963,905.31		$ 8,963,905.31
Alternative 8 Ex-situ Thermal Desorption	10						
Rad Pipe Removal	11						
Establish Exclusion Zones			$ 3,368.41		$ 3,368.41		$ 3,368.41
Establish Rad Loadout Area							
Water Treatment for with RAD Concerns			$ 4,221.16		$ 4,221.16		$ 4,221.16
Pipe Removal							
Remove overburden over Pipe			$ 11,229.44		$ 11,229.44		$ 11,229.44
Drill Holes in Pipe			$ 2,438.92		$ 2,438.92		$ 2,438.92
Drill and Inspect Pipe							
RAD Scan Pipe and Look for Liquids in Piping			$ 2,438.92		$ 2,438.92		$ 2,438.92
RAD Scanning - Performed by RAD Techs - Covered under RAD Oversight							
Laborers looking for Liquid in Pipe and Spray Foam to segregate.							
Size Pipe in Place			$ 22,035.39		$ 22,035.39		$ 22,035.39
Size Pipe							
Remove Pipe			$ 11,597.48		$ 11,597.48		$ 11,597.48
Backfill Pipe Excavations as Required			$ 12,208.15		$ 12,208.15		$ 12,208.15
Rad Oversight							
License Support			$ 24,443.61		$ 24,443.61		$ 24,443.61
Project HP Field Support Monthly Support During Pipe Removal		1	$ 111,274.62	1	$ 111,274.62	1	$ 111,274.62
Project HP Support Months beyond Pipe Removal		13	$ 890,059.95	14	$ 958,526.10	13	$ 890,059.95
Rad Instrumentation		13	$ 72,947.09	14	$ 78,558.41	13	$ 72,947.09
Rad Worker Surveilance		13	$ 60,240.18	14	$ 64,874.04	13	$ 60,240.18
PPE/Dress out for Rad Work and Misc. Items			$ 30,396.17		$ 30,396.17		$ 30,396.17
Health Physics Misc. Items			$ 62,319.62		$ 62,319.62		$ 62,319.62
Radiation Project Manager							
During Pipe Removal		1	$ 58,763.14	1	$ 58,763.14	1	$ 58,763.14
During other Remediation Work		13	$ 777,098.32	14	$ 836,875.12	13	$ 777,098.32
Rad Sampling and Analysis							
Confirmation Samples			$ 26,065.46		$ 26,065.46		$ 26,065.46
Misc Rad Samples to Include Waste Profile Samples			$ 7,240.41		$ 7,240.41		$ 7,240.41
Water Treatment Component	12						
Water Treatment for PCBs only		9.5	$ 288,073.68	11	$ 333,559.00	9.5	$ 288,073.68
Mobilization							
Demobilization							

LMC MRC Block E Remediation
Alternatives Estimates

Description		Alternate 7 Conventional Excavation and In-situ Thermal Desorption					
		Shoring Alt 1		Shoring Alt 2		Shoring Alt 1/Alt 2	
		Duration	Price	Duration	Price	Duration	Price
Monthly Rental							
Carbon Change Out and Other Purchases							
Well Point System for Deep Excavations		**9.5**	$ 2,341,587.26	**10**	**$ 2,464,828.69**	**9.5**	**$ 2,341,587.26**
Shoring	**13**						
Shoring of Exavation Areas Alternate 1			**$ 3,372,320.58**				**$ 3,372,320.58**
Shoring Alternate 1 Sub Mob							
Excavation of Area A							
Excavation Areas B, C and D							
Excavation Area E							
Excavation Area F and G							
Excavation Area H&I							
Demo of Shoring							
Shoring of Exavation Areas Alternate 2 with Walers					**$ 1,846,178.28**		
Shoring Alternate 2 Sub Mob							
Excavation of Area A							
Sheetpile							
Waler							
Excavation Areas B, C and D							
Sheetpile							
Waler							
Excavation Area E							
Sheetpile							
Waler							
Excavation Area F and G							
Sheetpile							
Waler							
Excavation Area H&I No Waler for this one same as Alternate 1							
Demo of Shoring							
Timber Mats for Use with Shoring			**$ 7,981.82**		**$ 7,981.82**		**$ 7,981.82**
Shoring of Western and Northwest Portion of Slab to Facilitate Rad Removal and Storm Drain Replacement							
Removal of 9,700 CY of Soil covering slab			**$ 56,938.27**		**$ 56,938.27**		**$ 56,938.27**
Install Soldier Piling							
Alternate 1			**$ 2,016,771.72**				
Alternate 2					**$ 1,511,617.84**		**$ 1,511,617.84**
Soldier Pile and Lagging							
Waler and Anchors							
Removal of Soldier Pile Wall							
Alternate 1			**$ 922,717.37**				
Alternate 2					**$ 485,473.81**		**$ 485,473.81**
Foundation and Concrete Removal	**14**		**$ 638,643.99**		**$ 638,643.99**		**$ 638,643.99**
Remove Concrete Slab							
Concrete Footings and Pilings							
Removal of Other Concrete (Roadways/Lots)							
Removal of Manholes and Inlets							
Transportation and Disposal	**15**						
T&D for RAD Waste Pipe and Soil			$ 506,828.44		$ 506,828.44		$ 506,828.44
T&D for Mixed Waste (RAD AND TSCA and RAD and non TSCA)			$ 173,769.75		$ 173,769.75		$ 173,769.75
T&D for TSCA PCBs Soils		26.20%	$ 2,475,567.30	26.2%	$ 2,475,567.30	0	$ 2,475,567.30
T&D for non-TSCA PCBs Soils			$ 121,638.83		$ 121,638.83		$ 121,638.83
T&D for Concrete and Rebar/WWF			$ 550,958.71		$ 550,958.71		$ 550,958.71
T&D for Piping			$ 333,985.46		$ 333,985.46		$ 333,985.46
Storm Drain Piping							
UST Piping							
Waste Water T&D (if required)			$ 23,893.34		$ 23,893.34		$ 23,893.34
Waste Water Rad T&D if required.							
Disposal of Fencing, Timber Mats and other Construction Debris			$ 22,590.07		$ 22,590.07		$ 22,590.07
On-site Re-use of Waste (Covered Under Restoration)	**16**						
Restoration	**17**						
Placement of Backfill for Shallow Excavation			$ 205,580.39		$ 205,580.39		$ 205,580.39
Placement of Backfill for Deep Excavations			$ -		$ -		$ -
Replacemnt of 9700 CY from West End of Slab			$ 72,772.60		$ 72,772.60		$ 72,772.60
Backfill additional 8200 CY removed as part of Sloping and Shoring.							
Surface Restoration and Grading			$ 633,515.24		$ 633,515.24		$ 633,515.24
Existing Grade							
Grade to New Contours							
TopSoil			$ 8,990.41		$ 8,990.41		$ 8,990.41
Reseed			$ 59,327.16		$ 59,327.16		$ 59,327.16
Samplng and Analysis	**18**						
Remove/Replace Storm Drain			$ 3,909.82		$ 3,909.82		$ 3,909.82
SubSlab Piping (non-RAD)			$ 4,626.62		$ 4,626.62		$ 4,626.62
Foundation Slab			$ 10,368.26		$ 10,368.26		$ 10,368.26
Concrete Footings			$ 2,954.09		$ 2,954.09		$ 2,954.09
Other Concrete			$ 2,913.54		$ 2,913.54		$ 2,913.54
Product Pipeline			$ 6,646.69		$ 6,646.69		$ 6,646.69
Sampling for 8200 CY of Sloping/Benching Add'l Soil							
Alternate 3							
Alternate 4							
Alternate 7			$ 95,121.56		$ 95,121.56		$ 95,121.56
Alternate 8							
Data Management and Review by Chemists			$ 27,644.25		$ 27,644.25		$ 27,644.25
Geotechnical Testing			$ 61,227.77		$ 61,227.77		$ 61,227.77
Data Validation			$ 46,338.60		$ 46,338.60		$ 46,338.60
Storm Drain Removal and Replacement	**19**		**$ 110,938.29**		**$ 110,938.29**		**$ 110,938.29**
Pipe Removal							
Remove overburden over Pipe							
Drill Holes in Pipe							
Drill and Inspect Pipe							
Look for Liquids in Piping							
Laborers looking for Liquid in Pipe and Spray Foam to segregate.							
Size Pipe in Place							
Size Pipe							
Remove Pipe							
Backfill Pipe Excavations as Required							
Replacement Pipe							

LMC MRC Block E Remediation
Alternatives Estimates

Description		Alternate 7 Conventional Excavation and In-situ Thermal Desorption					
		Shoring Alt 1		Shoring Alt 2		Shoring Alt 1/Alt 2	
		Duration	Price	Duration	Price	Duration	Price
Removal or Old UST Piping	**20**		**$ 29,225.40**		**$ 29,225.40**		**$ 29,225.40**
Pipe Removal							
Remove overburden over Pipe							
Drill Holes in Pipe							
Drill and Inspect Pipe							
RAD Scan Pipe and Look for Liquids in Piping							
Laborers looking for Liquid in Pipe and Spray Foam to segregate.							
Size Pipe in Place							
Size Pipe							
Remove Pipe							
Backfill Pipe Excavations as Required							
Other SubSlab Piping non-Sewer Pipe	**21**		**$ 82,030.71**		**$ 82,030.71**		**$ 82,030.71**
Pipe Removal							
Remove overburden over Pipe							
Drill Holes in Pipe							
Drill and Inspect Pipe							
Look for Liquids in Piping							
Laborers looking for Liquid in Pipe and Spray Foam to segregate.							
Size Pipe in Place							
Size Pipe							
Remove Pipe							
Backfill Pipe Excavations as Required							
Completion Reporting	**22**		**$ 72,404.06**		**$ 72,404.06**		**$ 72,404.06**
Completion Report							
Reportring and Record Drawings							
			$ 32,201,793.02		**$ 30,395,584.04**		**$ 31,259,395.59**

Additonal Items

Storm Water Channel to be Remediated Q1							
Numbered note 1							
Excavation			**$ 6,345.64**		**$ 6,345.64**		**$ 6,345.64**
Backfill			**$ 6,251.11**		**$ 6,251.11**		**$ 6,251.11**
Reseed			**$ -**		**$ -**		**$ -**
T&D			**$ 32,668.71**		**$ 32,668.71**		**$ 32,668.71**
Alt 8 Version							
Backfill Alt 8							
Numbered note 2							
Excavation			**$ 8,173.17**		**$ 8,173.17**		**$ 8,173.17**
Backfill			**$ 16,856.56**		**$ 16,856.56**		**$ 16,856.56**
Reseed			**$ 3,955.14**		**$ 3,955.14**		**$ 3,955.14**
T&D			**$ 37,253.80**		**$ 37,253.80**		**$ 37,253.80**
Alt 8 Version							
Backfill Alt 8							
Numbered note 3							
Excavation			**$ 1,776.78**		**$ 1,776.78**		**$ 1,776.78**
Backfill			**$ 1,768.24**		**$ 1,768.24**		**$ 1,768.24**
Reseed			**$ -**		**$ -**		**$ -**
T&D			**$ 9,296.68**		**$ 9,296.68**		**$ 9,296.68**
Alt 8 Version							
Backfill Alt 8							
Numbered note 4							
Excavation			**$ 1,548.33**		**$ 1,548.33**		**$ 1,548.33**
Backfill			**$ 1,519.20**		**$ 1,519.20**		**$ 1,519.20**
Reseed			**$ -**		**$ -**		**$ -**
T&D			**$ 7,993.41**		**$ 7,993.41**		**$ 7,993.41**
Alt 8 Version							
Backfill Alt 8							
Remove Soil from Median Strip and Refab							
Numbered note 5							
Excavation			**$ 14,548.29**		**$ 14,548.29**		**$ 14,548.29**
Backfill			**$ 14,971.12**		**$ 14,971.12**		**$ 14,971.12**
Reseed			**$ 3,955.14**		**$ 3,955.14**		**$ 3,955.14**
T&D			**$ 52,130.93**		**$ 52,130.93**		**$ 52,130.93**
Alt 8 Version							
Backfill Alt 8							
Total of Alternatives			**$ 221,012.26**		**$ 221,012.26**		**$ 221,012.26**
NEW TOTAL			**$ 32,422,805.28**		**$ 30,616,596.30**		**$ 31,480,407.84**

LMC MRC Block E Remediation
Alternatives Estimates

Description		Alternate 8 Conventional Excavation and Ex-situ Thermal Desorption					
		Shoring Alt 1		Shoring Alt 2		Benching	
		Duration	Price	Duration	Price	Duration	Price
Plans	1		$ 230,244.92		$ 230,244.92		$ 230,244.92
Remedial Action Work Plan							
Storm Drain Removal Plan							
Radiological Work Plan							
Sampling and Analysis Plan							
Health and Safety Plan/Activity Hazard Analysis							
Construction Quality Control Plan							
Spill Prevention, Control and Countermeasures Plan							
SWPPP							
Green and Sustainable Remediation Plan							
Waste Management Plan							
Traffic Control Plan							
General Conditions	2						
Home Office Mangement		9.5	$ 307,604.88	11	$ 234,782.64	9	$ 201,242.26
Professional Staff							
Travel associated with HO Management							
Field Management		9.5	$ 2,052,602.13	11	$ 1,566,670.04	9	$ 1,342,860.04
Professional Staff							
Travel Associated with Field Personnel							
Vehciles for on -site staff							
Meetings							
Erosion Controls			$ 59,958.92		$ 59,958.92		$ 59,958.92
Establish Laydown Area			$ 20,264.01		$ 20,264.01		$ 20,264.01
Develop Decon Area			$ 3,905.65		$ 3,905.65		$ 3,905.65
Construction Entrances			$ 14,225.04		$ 14,225.04		$ 14,225.04
Permits and Fees			$ 637.01		$ 637.01		$ 637.01
Craft Physicals and Training			$ 14,482.78		$ 14,482.78		$ 14,482.78
Temporary Facilites		9.5	$ 82,889.96	11	$ 91,615.22	9	$ 78,527.33
Bond (assume 2%) See Prime Bond Above							
Mobilization			$ 82,951.67		$ 82,951.67		$ 82,951.67
Personnel							
Equipment							
Temp Facilities							
Subs							
Demobilization			$ 44,810.87		$ 44,810.87		$ 44,810.87
Personnel							
Equipment							
Temp Facilities							
Subs							
Survey							
Initial Survey			$ 7,530.02		$ 7,530.02		$ 7,530.02
Progress Surveys		9.5	$ 241,018.64	11	$ 266,389.03	9	$ 228,333.45
Final As-Built Surveys			$ 18,390.63		$ 18,390.63		$ 18,390.63
Utility Locate			$ 50,682.84		$ 50,682.84		$ 50,682.84
Permanent Fence			$ 62,021.32		$ 62,021.32		$ 62,021.32
Permanent Fence Demo							
Permanent Fence Replacement							
Water Truck, Loader and Street Sweeper		9.5	$ 689,485.22	11	$ 762,062.62	9	$ 653,196.53
Alternative 3 Surface Soils Conventional Excavation	4						
Excavation Assuming Shoring to be Used			$ 652,594.11		$ 652,594.11		
Alternative C Surface Soils Conventional Excavation Shallow Excavations							
Alternative C Surface Soils Conventional Excavation Deep Excavations							
Excavation Assuming Sloping and Benching to be Used							
Alternative C Surface Soils Conventional Excavation Shallow Excavations							$ 74,971.22
Alternative C Surface Soils Conventional Excavation Deep Excavations							$ 153,587.48
Additional Material to be Removed for Benching							$ 88,919.07
Alternative 4 Subsurface Soils Auger Excavation	6						
Soil Amendment for Auger Excavation							
Alternative 7 In-situ Thermal Desorption	9						
Alternative 8 Ex-situ Thermal Desorption	10		$ 8,819,097.19		$ 8,819,097.19		$ 8,819,097.19
Rad Pipe Removal	11						
Establish Exclusion Zones			$ 3,368.41		$ 3,368.41		$ 3,368.41
Establish Rad Loadout Area							
Water Treatment for with RAD Concerns			$ 4,221.16		$ 4,221.16		$ 4,221.16
Pipe Removal							
Remove overburden over Pipe			$ 11,229.44		$ 11,229.44		$ 11,229.44
Drill Holes in Pipe			$ 2,438.92		$ 2,438.92		$ 2,438.92
Drill and Inspect Pipe							
RAD Scan Pipe and Look for Liquids in Piping			$ 2,438.92		$ 2,438.92		$ 2,438.92
RAD Scanning - Performed by RAD Techs - Covered under RAD Oversight							
Laborers looking for Liquid in Pipe and Spray Foam to segregate.							
Size Pipe in Place			$ 22,035.39		$ 22,035.39		$ 22,035.39
Size Pipe							
Remove Pipe			$ 11,597.48		$ 11,597.48		$ 11,597.48
Backfill Pipe Excavations as Required			$ 12,208.15		$ 12,208.15		$ 12,208.15
Rad Oversight							
License Support			$ 24,443.61		$ 24,443.61		$ 24,443.61
Project HP Field Support Monthly Support During Pipe Removal		1	$ 111,274.62	1	$ 111,274.62	1	$ 111,274.62
Project HP Support Months beyond Pipe Removal		8.5	$ 581,962.28	10	$ 650,428.43	8	$ 547,729.20
Rad Instrumentation		8.5	$ 47,696.18	10	$ 53,307.49	8	$ 44,890.52
Rad Worker Surveilance		8.5	$ 39,387.81	10	$ 44,021.67	8	$ 37,070.88
PPE/Dress out for Rad Work and Misc. Items			$ 30,396.17		$ 30,396.17		$ 30,396.17
Health Physics Misc. Items			$ 62,319.62		$ 62,319.62		$ 62,319.62
Radiation Project Manager							
During Pipe Removal		1	$ 58,763.14	1	$ 58,763.14	1	$ 58,763.14
During other Remediation Work		8.5	$ 508,102.75	10	$ 567,879.54	8	$ 478,214.35
Rad Sampling and Analysis							
Confirmation Samples			$ 26,065.46		$ 26,065.46		$ 26,065.46
Misc Rad Samples to Include Waste Profile Samples			$ 7,240.41		$ 7,240.41		$ 7,240.41
Water Treatment Component	12						
Water Treatment for PCBs only		6	$ 181,941.27	8	$ 242,588.36	6	$ 181,941.27
Mobilization							
Demobilization							

LMC MRC Block E Remediation
Alternatives Estimates

Description		Alternate 8 Conventional Excavation and Ex-situ Thermal Desorption					
		Shoring Alt 1		Shoring Alt 2		Benching	
		Duration	Price	Duration	Price	Duration	Price
Monthly Rental							
Carbon Change Out and Other Purchases							
Well Point System for Deep Excavations		**5**	**$ 1,232,414.35**	**5**	**$ 1,232,414.35**	**5**	**$1,232,414.35**
Shoring	**13**						
Shoring of Exavation Areas Alternate 1			**$ 3,372,320.58**				
Shoring Alternate 1 Sub Mob							
Excavation of Area A							
Excavation Areas B, C and D							
Excavation Area E							
Excavation Area F and G							
Excavation Area H&I							
Demo of Shoring							
Shoring of Exavation Areas Alternate 2 with Walers					**$ 1,846,178.28**		
Shoring Alternate 2 Sub Mob							
Excavation of Area A							
Sheetpile							
Waler							
Excavation Areas B, C and D							
Sheetpile							
Waler							
Excavation Area E							
Sheetpile							
Waler							
Excavation Area F and G							
Sheetpile							
Waler							
Excavation Area H&I No Waler for this one same as Alternate 1							
Demo of Shoring							
Timber Mats for Use with Shoring			**$ 7,981.82**		**$ 7,981.82**		**$ 7,981.82**
Shoring of Western and Northwest Portion of Slab to Facilitate Rad Removal and Storm Drain Replacement							
Removal of 9,700 CY of Soil covering slab			**$ 56,938.27**		**$ 56,938.27**		**$ 56,938.27**
Install Soldier Piling							
Alternate 1			**$ 2,016,771.72**				
Alternate 2					**$ 1,511,617.84**		**$ 1,511,617.84**
Soldier Pile and Lagging							
Waler and Anchors							
Removal of Soldier Pile Wall							
Alternate 1			**$ 922,717.37**				
Alternate 2					**$ 485,473.81**		**$ 485,473.81**
Foundation and Concrete Removal	**14**		**$ 638,643.99**		**$ 638,643.99**		**$ 638,643.99**
Remove Concrete Slab							
Concrete Footings and Pilings							
Removal of Other Concrete (Roadways/Lots)							
Removal of Manholes and Inlets							
Transportation and Disposal	**15**						
T&D for RAD Waste Pipe and Soil			$ 506,828.44		$ 506,828.44		$ 506,828.44
T&D for Mixed Waste (RAD AND TSCA and RAD and non TSCA)			$ 173,769.75		$ 173,769.75		$ 173,769.75
T&D for TSCA PCBs Soils		26.2%	$ 2,475,567.30	26.2%	$ 2,475,567.30	26.2%	$ 2,475,567.30
T&D for non-TSCA PCBs Soils			$ 121,638.83		$ 121,638.83		$ 121,638.83
T&D for Concrete and Rebar/WWF			$ 550,958.71		$ 550,958.71		$ 550,958.71
T&D for Piping			$ 333,985.46		$ 333,985.46		$ 333,985.46
Storm Drain Piping							
UST Piping							
Waste Water T&D (if required)			$ 23,893.34		$ 23,893.34		$ 23,893.34
Waste Water Rad T&D if required.							
Disposal of Fencing, Timber Mats and other Construction Debris			$ 22,590.07		$ 22,590.07		$ 22,590.07
On-site Re-use of Waste (Covered Under Restoration)	**16**						
Restoration	**17**						
Placement of Backfill for Shallow Excavation			$ 205,580.39		$ 205,580.39		$ 205,580.39
Placement of Backfill for Deep Excavations			$ -		$ -		$ 329,344.69
Replacemnt of 9700 CY from West End of Slab			$ 72,772.60		$ 72,772.60		$ 72,772.60
Backfill additional 8200 CY removed as part of Sloping and Shoring.							$ 27,384.03
Surface Restoration and Grading			$ 633,515.24		$ 633,515.24		$ 633,515.24
Existing Grade							
Grade to New Contours							
TopSoil			$ 8,990.41		$ 8,990.41		$ 8,990.41
Reseed			$ 59,327.16		$ 59,327.16		$ 59,327.16
Samplng and Analysis	**18**						
Remove/Replace Storm Drain			$ 3,909.82		$ 3,909.82		$ 3,909.82
SubSlab Piping (non-RAD)			$ 4,626.62		$ 4,626.62		$ 4,626.62
Foundation Slab			$ 10,368.26		$ 10,368.26		$ 10,368.26
Concrete Footings			$ 2,954.09		$ 2,954.09		$ 2,954.09
Other Concrete			$ 2,913.54		$ 2,913.54		$ 2,913.54
Product Pipeline			$ 6,646.69		$ 6,646.69		$ 6,646.69
Sampling for 8200 CY of Sloping/Benching Add'l Soil							$ 36,097.77
Alternate 3							
Alternate 4							
Alternate 7							
Alternate 8			$ 97,519.58		$ 97,519.58		$ 97,519.58
Data Management and Review by Chemists			$ 27,644.25		$ 27,644.25		$ 27,644.25
Geotechnical Testing			$ 61,227.77		$ 61,227.77		$ 61,227.77
Data Validation			$ 46,338.60		$ 46,338.60		$ 46,338.60
Storm Drain Removal and Replacement	**19**		**$ 110,938.29**		**$ 110,938.29**		**$ 110,938.29**
Pipe Removal							
Remove overburden over Pipe							
Drill Holes in Pipe							
Drill and Inspect Pipe							
Look for Liquids in Piping							
Laborers looking for Liquid in Pipe and Spray Foam to segregate.							
Size Pipe in Place							
Size Pipe							
Remove Pipe							
Backfill Pipe Excavations as Required							
Replacement Pipe							

LMC MRC Block E Remediation
Alternatives Estimates

Description		Alternate 8 Conventional Excavation and Ex-situ Thermal Desorption					
		Shoring Alt 1		Shoring Alt 2		Benching	
		Duration	Price	Duration	Price	Duration	Price
Removal or Old UST Piping	**20**		**$ 29,225.40**		**$ 29,225.40**		**$ 29,225.40**
Pipe Removal							
Remove overburden over Pipe							
Drill Holes in Pipe							
Drill and Inspect Pipe							
RAD Scan Pipe and Look for Liquids in Piping							
Laborers looking for Liquid in Pipe and Spray Foam to segregate.							
Size Pipe in Place							
Size Pipe							
Remove Pipe							
Backfill Pipe Excavations as Required							
Other SubSlab Piping non-Sewer Pipe	**21**		**$ 82,030.71**		**$ 82,030.71**		**$ 82,030.71**
Pipe Removal							
Remove overburden over Pipe							
Drill Holes in Pipe							
Drill and Inspect Pipe							
Look for Liquids in Piping							
Laborers looking for Liquid in Pipe and Spray Foam to segregate.							
Size Pipe in Place							
Size Pipe							
Remove Pipe							
Backfill Pipe Excavations as Required							
Completion Reporting	**22**		**$ 72,404.06**		**$ 72,404.06**		**$ 72,404.06**
Completion Report							
Reportring and Record Drawings							
			$ 29,200,482.50		**$ 26,478,996.69**		**$ 24,004,789.34**

Additonal Items

Storm Water Channel to be Remediated Q1							
Numbered note 1							
Excavation			**$ 6,345.64**		**$ 6,345.64**		**$ 6,345.64**
Backfill							
Reseed			$ -		$ -		$ -
T&D							
Alt 8 Version			**$ 86,301.94**		**$ 86,301.94**		**$ 86,301.94**
Backfill Alt 8			**$ 3,431.50**		**$ 3,431.50**		**$ 3,431.50**
Numbered note 2							
Excavation			**$ 8,173.17**		**$ 8,173.17**		**$ 8,173.17**
Backfill							
Reseed			**$ 3,955.14**		**$ 3,955.14**		**$ 3,955.14**
T&D							
Alt 8 Version			**$ 110,370.20**		**$ 110,370.20**		**$ 110,370.20**
Backfill Alt 8			**$ 12,846.88**		**$ 12,846.88**		**$ 12,846.88**
Numbered note 3							
Excavation			**$ 1,776.78**		**$ 1,776.78**		**$ 1,776.78**
Backfill							
Reseed			$ -		$ -		$ -
T&D							
Alt 8 Version			**$ 24,412.10**		**$ 24,412.10**		**$ 24,412.10**
Backfill Alt 8			**$ 960.82**		**$ 960.82**		**$ 960.82**
Numbered note 4							
Excavation			**$ 1,548.33**		**$ 1,548.33**		**$ 1,548.33**
Backfill							
Reseed			$ -		$ -		$ -
T&D							
Alt 8 Version			**$ 20,973.78**		**$ 20,973.78**		**$ 20,973.78**
Backfill Alt 8			**$ 837.28**		**$ 837.28**		**$ 837.28**
Remove Soil from Median Strip and Refab							
Numbered note 5							
Excavation			**$ 14,548.29**		**$ 14,548.29**		**$ 14,548.29**
Backfill							
Reseed			**$ 3,955.14**		**$ 3,955.14**		**$ 3,955.14**
T&D							
Alt 8 Version			**$ 137,532.96**		**$ 137,532.96**		**$ 137,532.96**
Backfill Alt 8			**$ 8,720.01**		**$ 8,720.01**		**$ 8,720.01**
Total of Alternatives			**$ 446,689.99**		**$ 446,689.99**		**$ 446,689.99**
NEW TOTAL			**$ 29,647,172.48**		**$ 26,925,686.67**		**$ 24,451,479.33**

Summary of Shoring Alternative Evaluation Analyses

Excavation Area	Shoring Type	Wall height above mudline (ft)	Surcharge (psf)	Analyzed Sheet Pile Section	Proposed Pile Section	Sheet Pile Length (feet)	FS Passive	FS Rotation	FS Embedment	Top of Wall Displacement (in)	Str Combined	Str Moment	Str Shear	Global Stability Factor of Safety	Critical Support Check	Structure Support Ratio	Support Geo Capacity Ratio	Anchor Depth from Ground Surface	Waler Size	Length of Anchor (ft)	
A	Cantilever Sheet Pile	16	100	PZ35	PZ35	45	2.1	1.4	1.3	1.9	0.7	0.7	0.3	2.3	--	--	--	--	--	--	
	Sheet Pile with box type waler			SKS11	PZ22	26	NA	1.5	1.5	0.9	0.6	0.6	0.2	1.8	0.9	0.9	NA	8	W12X106	--	
B, C and D	Cantilever Sheet Pile	20		PZC-48	PZC48	62	2.3	1.4	1.4	2.9	0.9	0.9	0.4	3.3	--	--	--	--	--	--	
	Anchored			PZ22	PZ22	39	NA	1.4	1.4	1.8	0.9	0.9	0.2	1.9	1.0	1.0	1.0	7	NA	85	
E	Cantilevered	11		PZ22	PZ22	27	2.7	1.5	1.4	0.9	0.5	0.5	0.3	3.2	--	--	--	--	NA		
	Circular Waler			SKL9	PZ22	18	NA	1.4	1.4	0.2	0.3	0.3	0.1	2.1	0.4	0.4	--	6	W10X12		
F and G	Cantilever			PZ35	PZ35	41	2.7	1.4	1.3	2.0	0.7	0.7	0.3	3.3				--	NA		
	Circular Waler	16		PZ22	PZ22	27	NA	1.4	1.3	0.6	0.5	0.5	0.1	1.9	1.0	1.0	NA	4	W24X370		
I	Cantilever			PZC28	PZC48	46	2.8	1.5	1.3	2.4	0.9	0.9	0.4	3.5				--	NA		
	Circular Waler	18		SKS 16	PZ22	30	NA	1.4	1.3	1.5	0.7	0.7	0.2	1.9	1.0	1.0	NA	9	W12X96		

Excavation Area	Shoring Type	Wall height above mudline (ft)	Surcharge (psf)	Analyzed Soldier Pile Section	Proposed Pile Section	Sheet Pile Length (feet)	FS Passive	FS Rotation	FS Embedment	Top of Wall Displacement (in)	Str Combined	Str Moment	Str Shear	Global Stability Factor of Safety	Critical Support Check	Structure Support Ratio	Support Geo Capacity Ratio	Anchor Depth from Ground Surface		Length of Anchor (ft)	Anchor Hole Size
East Slope	Soldier Pile Wall-Cantilever (Drained)	17	250	W18X192	W18X192	45	NA	1.7	1.4	1.1	0.4	0.4	0.2	2.9	NA	NA	NA	NA		NA	NA
	Soldier Pile Wall-Cantilever (Undrained)							3.0	2.4	0.5	0.2	0.2	0.2	3.2	NA	NA	NA	NA		NA	NA
	Soldier Pile Wall-Anchored (Drained)			W12X26	W12X26	27		2.1	1.4	0.2	0.6	0.6	0.3	1.9	0.9	0.7	0.9	7		36	4
	Soldier Pile Wall-Anchored (Undrained)							6.2	3.2	0.1	0.5	0.5	0.4	3.1	0.4	0.0	0.4				

Notes:
FS Passive (Passive Resistance Safety Factor) =Resisting Horizontal Forces/Driving Horizontal Force
FS Rotation (Rotational Safety Factor)= Resisting Moments/Driving Moment
FS Embedment (Length based Safety Factor) = Available Wall Embedment Depth/Max. Required Embedment Depth
Str Combined: Combined Stress Check considering axial load and moment (demand/capacity)
Str Moment: Moment Stress Check considering constant axial load (demand/capacity)
Str Shear: Shear Stress Check (shear force demand/capacity)
Critical Support Check: critical demand/design capacity ratio (structural or geotechnical)
Support Geo Capacity Ratio: Critical Geotechnical Capacity Stress Check (Demand/Geotechnical Capacity)
Str Support Ratio: Critical Structural Stress Check for Support (Force Demand/Structural Capacity)
NA Not applicable

Quantity Estimate for East Soldier Pile Wall Alternatives

Retaining Wall Length	480	ft
Wall Height	17	ft
Anchor Spacing	5	ft

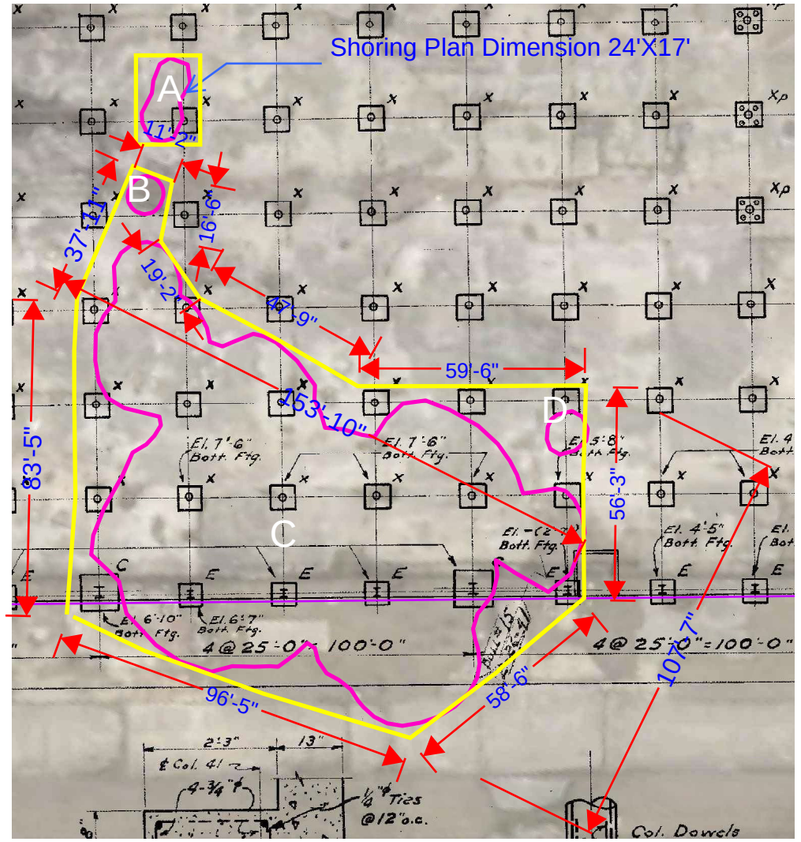
Alternative	Pile Section	Number of Piles	Depth per Pile (ft)	Wale Length (ft)	Lagging Area (ft^2)	Number of Anchors	Length of Anchors (ft)
Alternative 1: Cantilever Soldier Pile Wall							
W18X192 pile (ASTM A485 grade)	W18x192	97	45	--		--	--
Timber Pile Lagging (3" thickness)	--	--	--	--	8160	--	--
Alternative 2: Anchored Soldier Pile Wall							
W12X26 pile (ASTM A485 grade)	W12x26	97	27			--	--
Timber Pile Lagging (3" thickness)	--	--	--	--	8160	--	--
Waler	W8x15			480			
Anchor (6 inch diameter hole with 1 #6 bar)		--	--		--	97	36

Quantity Estimate for East Shoring Alternatives

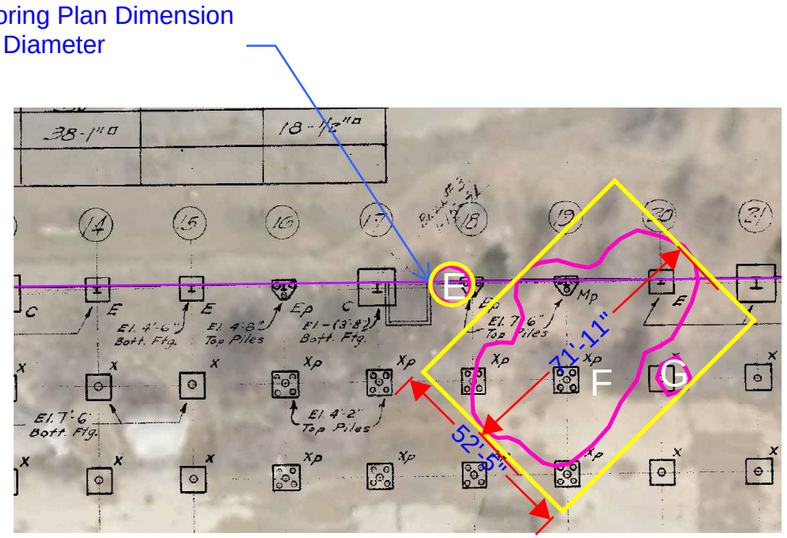
Alternative	Sheet Pile Section	Perimeter Length of Sheet Pile (ft)	Length of Waler (ft)	Depth of Sheet Pile (ft)	Number of Anchors	Length of Anchor (ft)
Excavation Area A						
Alternative 1: Cantilever Sheet Pile Wall						
PZ27 Sheet Pile (ASTM A485 grade)	ESC-CRW13	82	--	45	--	--
Alternative 2: Sheet Pile Wall with Box Waler						
PZ22 Sheet Pile (ASTM A485 grade)	SKS14	82	--	26	--	--
W12X106 Box Waler	W12x106	--	82		--	--

Excavation Areas B, C and D						
Alternative 1: Cantilever Sheet Pile Wall						
PZC48 Sheet Pile (ASTM A485 grade)	ESC-CRW13	468	--	62	--	--
Alternative 2: Anchored Sheet Pile Wall						
PZ22 Sheet Pile (ASTM A485 grade)	SKS14	468	--	39	--	--
Anchor (6 inch diameter with 5 feet spacing)	W8x15		468	--	469	40
Excavation Area E						
Alternative 1: Cantilever Sheet Pile Wall						
PZ22 Sheet Pile (ASTM A485 grade)	SKS14	31	--	27	--	--
Alternative 2: Sheet Pile Wall with Circular Waler						
PZ22 Sheet Pile (ASTM A485 grade)	SKS14	31	--	18	--	--
W10X12 Ring Waler	W10x12		31		--	--
Excavation Areas F and G						
Alternative 1: Cantilever Sheet Pile Wall						
PZ35 Sheet Pile (ASTM A485 grade)	ESC-CRW13	249		41	--	--
Alternative 2: Sheet Pile Wall with Box Waler						
PZ22 Sheet Pile (ASTM A485 grade)	SKS14	249		27	--	--
W24X370 Box Waler	W24x370		249			
Excavation Areas H and I						
Alternative 1: Cantilever Sheet Pile Wall						
PZC48 Sheet Pile (ASTM A485 grade)	ESC-CRW13	276		46	--	--

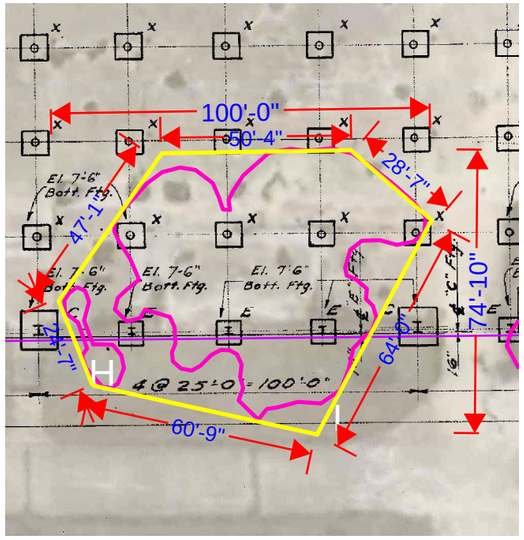
	Spacing (ft)	Depth (ft)	Diameter ID/OD (in)	
Dewatering wells	15	35	2/6	Use fully slotted casing with sand pack and eje



Shoring Limit for Excavation Areas A, B, C and D



Shoring Limit for Excavation Areas E , F and G



Shoring Limit for Excavation Areas H and I

Legend

Shoring Limit

Lockheed Martin Middle River Complex
Middle River, Maryland

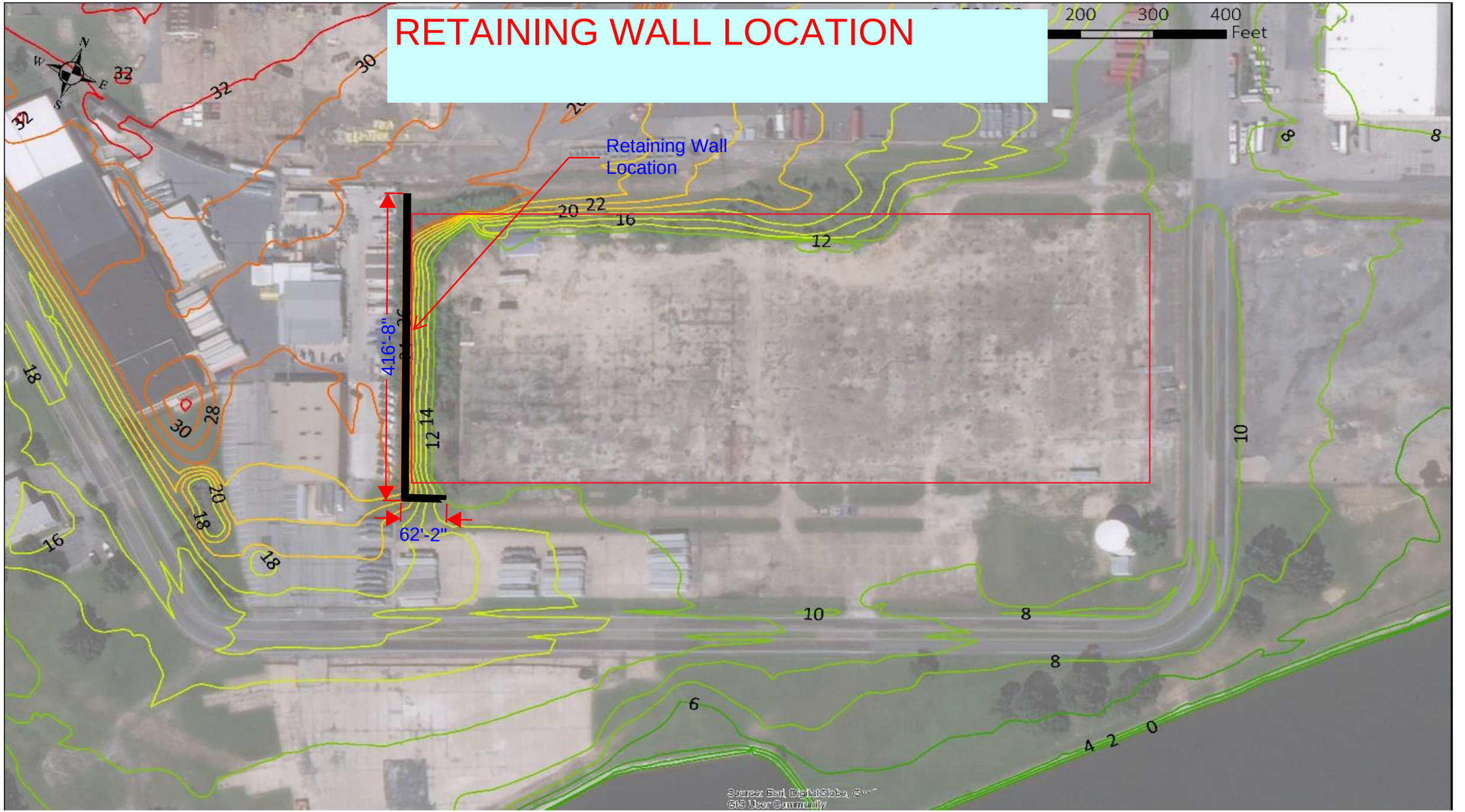
0 20 40 Feet

N

DATE MODIFIED:

CREATED BY:

TETRA TECH


RETAINING WALL LOCATION
200
300
400
Feet
Retaining Wall Location
416'-8"
62'-2"
Source: Esri, DigitalGlobe, GIS User Community

APPENDIX I— RADIOLOGICAL REMEDIATION PLAN

RADIOLOGICAL REMEDIATION PLAN FORMER BUILDING D, BLOCK E MIDDLE RIVER COMPLEX 2323 EASTERN BOULEVARD MIDDLE RIVER, MARYLAND

Prepared for:
Lockheed Martin Corporation

Prepared by:
Tetra Tech, Inc.

March 2019

Revision: _____



Michael Martin, P.G.
Regional Manager



Lawson Bailey
Senior Health Physicist

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Appendix A—Task Specific Plan Former Building D, Block E Scoping Survey, Middle River Complex

ACRONYMS

α	alpha (radiation)
β	beta (radiation)
γ	gamma (radiation)
ε_i	instrument efficiency
ε_s	surface efficiency
ρ	surveyor efficiency factor
σ	sigma (standard deviation)
b_i	number of average background counts during observation interval "*i*"
µCi	microCuries
µR/hr	micro roentgen per hour
i	observation interval
pCi/g	picoCurie(s) per gram
AEC	Atomic Energy Commission
ARAR	applicable or relevant and appropriate requirement
BCK	background
b_i	number of average background counts during observation interval "*i*"
cm^2	square centimeters
COC	chain of custody
cpm	counts per minute
cps	counts per second
d′	index of sensitivity
DOE	United States Department of Energy
dpm	disintegrations per minute
EDD	electronic data deliverable(s)
EESH	energy, environment, safety, and health

EGIS	environmental geographic information system
GPS	global positioning system
IDW	investigation-derived waste
MARLAP	Multi-Agency Radiological Laboratory Analytical Protocols Manual
MARSSIM	Multi-Agency Radiation Survey and Site Investigation Manual
MDCR	minimum detectable count rate
MRC	Middle River Complex
N	number of data points
NaI	sodium iodide
NRC	United States Nuclear Regulatory Commission
P_r	random measurement probability
QA/QC	quality assurance/quality control
REC	recognized environmental conditions
RHP	Maryland Department of the Environment's Radiological Health Program
ROC	radionuclide of concern
SU	survey unit
USEPA	United States Environmental Protection Agency
W	area of the detector window
$Z_{1-\alpha}$	Type I decision error level
$Z_{1-\beta}$	Type II decision error level
U-235	uranium 235
Th-232	thorium 232

SECTION 1
INTRODUCTION

On behalf of Lockheed Martin Corporation (Lockheed Martin), Tetra Tech, Inc. (Tetra Tech) has prepared this Radiological Remediation Plan to describe the technical approach and methodology for conducting radiological surveys and sampling in support of the demolition of the former Building D footprint, Block E at the Lockheed Martin Middle River Complex (MRC) located in Baltimore County, Middle River, Maryland. The primary objective of this remediation plan is to 1) determine if any radioactively contaminated materials are below the slab or in the drains, 2) contain and remove any discovered radioactively contaminated material as appropriate, and 3) properly dispose of all material and debris.

The following activities will be conducted to support remediation:

- work area exposure surveys for personnel protection during demolition
- work area contamination surveys for personnel protection during demolition
- work area air monitoring for personnel protection during demolition
- contamination surveys of concrete, soil, and debris to identify/segregate materials and determine disposal options
- building slab and foundation demolition
- soil removal (See Section 3)
- dust control measures, such as misting of material as it is being cut, crushed, or moved, to minimize exposure to airborne contaminants.
- final status survey after removal of building structure to verify that the site can be released with no restrictions
- contamination surveys on equipment and materials for decontamination activities and for unconditional release from the site
- report results from field activities

This work plan is organized as follows:

Section 2—Site Description: Briefly describes site history, previous investigations, and subsurface conditions.

Section 3—Radiological Approach and Methodology for Site Remediation: Presents the technical approach and methodology for personnel radiation protection and site demolition surveys and the mitigation of dust emissions and radioactive particulates.

Section 4—Radioactive Waste Management: Describes the requirements for packaging, shipping, and disposing of radioactive waste generated by demolition and decontamination activities.

Section 5—Project Deliverables and Reports: Describes the final report summarizing the findings of surveys and sampling supporting the demolition and unconditional release of the site.

Section 5—References: Cites the references used to compile this report.

SECTION 2
SITE DESCRIPTION

2.1 LOCATION

Middle River Complex (MRC) covers approximately 163 acres and is comprised of 12 main buildings, an active industrial area and yard, perimeter parking lots, an athletic field, a vacant concrete lot, a trailer and parts storage lot, and numerous grassy spaces along the perimeter. The property is currently divided into eight tax parcels (Tax Blocks A, B, and D through I; see Figure 2-1). Three recognized environmental conditions (RECs) were identified in Tax Block E during the Phase I environmental site assessment (Earth Tech, Inc., 2003). REC#1 (former Building D) is the only one of the three RECs that has the potential for being radiologically impacted. This investigation takes place in Tax Block E where Building D was formerly present and where the concrete basement floor remains. Refer to Figure 2-2 for the Factory Layout of former Building D Basement.

2.2 HISTORY

Beginning in 1929, aircraft equipment fabrication and testing for the United States government and commercial clients have comprised the primary operating history at MRC. Historically, the MRC has been used to design, develop, assemble, and test aircraft and missile launching systems. Former Building D, which was built in the early 1940s for final assembly of aircraft frames, was demolished shortly after the Atomic Energy Commission (AEC) terminated the facility license, SNM-1192, on December 29, 1970. The AEC license was issued for the decontamination of the nuclear laboratories in Building D. Pre-decontamination and post decontamination surveys were performed by Martin Marietta Corporation personnel to demonstrate compliance with license conditions for license termination. An AEC close-out inspection was conducted on November 10, 1970 to verify the results of the post decontamination survey and to support license termination. The building had an assembly floor (first floor), and a basement (current concrete slab), and occupied approximately 400,000 square feet.

The former basement areas were used for welding, extrusion milling, engine preparation, and assembly. The northwestern and southwestern portions of the basement housed several offices and laboratories used for radiological research and operations. Cleaning, plating, and finishing work areas were located along the southern interior wall near the building's center.

Since the building was demolished, the concrete slab has been used for storage, including the storage of equipment, including airplane carcasses from the Martin State Airport air museum at the eastern end of the slab.

Historical operations of radiological significance involved:

- research, development, fabrication and testing of fuel assemblies for nuclear reactors using varying enrichments of uranium 235 (U-235)
- fabrication of aircraft components using magnesium-thorium alloy (4% thorium as thorium 232 [Th-232])

Therefore, residual radioactive material may have been present in portions of Building D after removal of building contents and before demolition. Radiological surveys and sampling were conducted before and after demolition to address this issue.

2.3 PAST RADIOLOGICAL INVESTIGATIONS

In early 1970's, a series of survey/sampling events were conducted before and after demolition of Building D to support AEC license termination. As part of the pre-decontamination survey, floor drains were monitored and decontaminated where possible. Residual activity levels in five of the drains (locations unknown) were estimated to be 29 microCuries (µCi) (assumed U-235) and these drains were sealed with cement as a condition of license termination. The Nuclear Regulatory Commission (NRC) later reviewed the documentation of the license termination (1982) and performed a confirmatory survey (1995) and concurred that the facility was suitable for unrestricted use.

2.3.1 Sampling and Survey Activities

Tetra Tech has performed numerous field investigations and screenings on and around the Building D slab starting in March 2004 and continuing through February 2018. Listed below is a compilation of these activities and outcomes:

- 2004 Gamma Walkover Survey
  - Isolated areas of slightly elevated activity were identified

- 2011 Storm Drain Cleanout
  - Sediment/debris was screened in roll-off bins for gamma radiation
  - All measurements were consistent with background

- 2012 Block E Soil Investigation
  - 77 samples were collected for isotopic thorium and uranium analyses
  - Collected concrete, shallow, deep and periphery samples in and around the former Building D footprint
  - No significant findings

- 2013 Offshore Sediment Sampling
  - Sediment samples analyzed for isotopic uranium and thorium in 6 locations
  - All results were consistent with background

- 2014 Offshore Sediment Sampling
  - 131 samples outside of Outfalls 005, 006 and 008 analyzed for radioisotopes
  - 11 reference background samples were also collected
  - All results were consistent with background

- 2014 – 2018 Sediment Remediation Project
  - Screened processing bins/composited samples during dewatering operations
  - Composite samples were sent offsite for laboratory analyses
  - All levels were consistent with background

- 2013 – 2018 Block E Radiological Screening Efforts
  - Radiological screening has been performed for all intrusive activities at Block E from 2013 to present
  - Soil samples and cores scanned for elevated gamma radiation levels
  - All levels, with the exception of cores E-SB-1546 and E-SB-1470, were consistent with background.

- Under-Slab Unfiltered Water Samples
  - Preliminary results collected from void spaces under Block E concrete slab were below regulatory standards (10 CFR 20, Appendix B, Table 2 and The Safe Drinking Water Act for radionuclides in water)

- Groundwater Sampling
  - Up gradient samples were collected for background reference
  - Down gradient samples were collected to determine infiltration of radiological contamination into groundwater
  - All results were consistent with background values

2.3.2 Background Soil Concentrations

The subsurface soil beneath the Building D slab consists of imported backfill material and native soil graded during pre-construction site preparation. Hundreds of soil samples and soil cores have been screened and analyzed since 2013. All soil sample concentrations collected over the course of field activities (120 samples), with the exception of two core borings (See section 2.3.3), fall within the variable ranges of natural background concentrations. Undisturbed soil samples were collected in Block F to generate a Background Reference Area value in a non-impacted area. However, the soil characteristics in Block F were decidedly different from those in Block E (undisturbed, undeveloped soil versus disturbed, developed soil) and the sample results did not reflect the ranges found in Block E. Block E soils sampled to date, with the exception to the two previously mentioned core borings, are considered to be representative of background concentrations in Block E. The Maryland Department of the Environment's Radiological Health Program has concurred with these assumptions. Table 2-1 presents the Block E background sample ranges.

2.3.3 Contaminated Core Borings

Elevated gamma readings were detected on cores collected during core boring activities in April 2016 and in January 2017. Borings E-SB-1470 and E-SB-1546 were collected in the same general location on the Building D slab. Gamma readings ranged from 16,000 counts per minute (cpm) to 25,000 cpm. Evidence of floor drain piping (cast iron pipe fragments) were observed in each of the cores, indicating that the piping had been breeched. The cores were segregated and sampled for further investigations. Samples were analyzed for isotopic thorium by alpha and gamma spectroscopy and isotopic uranium by inductively coupled plasma–mass spectrometry (ICP-MS). Sample results indicated the presence of enriched uranium in the 5 – 15-foot interval for E-SB-1470 and the 0-6-foot interval for E-SB-1546. U-235 enrichment was calculated to be 8 – 12 %. Sample results for the two cores are presented in Tables 2-2 and 2-3.

The isotope percent abundances in natural uranium are U-234 (0.0055%), U-235 (0.72%) and U-238 (>99%). During the uranium enrichment process, as the concentration of U-235 increases there is a corresponding increase in U-234 concentrations. This concentration ratio is observed in the sample results for cores E-SB-1470 and 1546. Since MRC was only licensed to possess enriched uranium (LEU [2-5%] to HEU [>90%], any uranium concentrations found in soils related to

historical operations in Building D would have U-234 to U-235 and U-238 to U-235 ratios consistent with enriched uranium. Uranium ratios observed in historical soil samples, with the exception of cores E-SB-1470 and E-SB-1546, have been consistent with natural uranium.

2.3.4 Radiological Conceptual Site Model

The following statements define the radiological conceptual site model for Block E soils:

- Enriched uranium residual contamination from historical Building D operation is contained in intact subsurface floor drain piping
- Enriched uranium residual contamination from historical Building D operations is not present in the soil column underlying the Building D slab

SECTION 3
RADIOLOGICAL APPROACH AND METHODOLOGY FOR SITE REMEDIATION

This section describes the radiological surveys and sampling required to support remediation of the former Building D footprint, Block E at the Lockheed Martin Middle River Complex (MRC). Work to be performed includes:

- demolition and radiological monitoring of the former Building D concrete slab and foundation
- removal and radiological monitoring of the current floor drain and storm water system
- removal of PCB-impacted soil under the slab
- waste segregation, packaging and disposal of contaminated concrete, soil, and floor drain/storm water system materials, as applicable
- radiological monitoring of personnel, materials, and work areas to ensure personnel safety
- performance of a Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM) Final Status Survey at the completion of all remediation and removal activities

Radiological screening of personnel and equipment will be performed during all intrusive activities associated with the investigation. All work will be performed under the supervision of health physics staff. The radionuclide of concern (ROC) for remediation is isotopic uranium, in the form of U-235. A review of historical AEC licenses listed U-235 and Th-232 as the primary licensed radioactive materials, however Th-232 concentrations in soil samples collected to date have been consistent with background concentrations and it is not considered a ROC. Additional isotopes listed on the licenses were small quantity instrument-check sources and were not considered to impact the site. Action levels have been developed to meet applicable or relevant and appropriate requirements (ARARs) of state and federal regulations. These requirements are found in Table 3-1.

3.1 GENERAL SURVEY INFORMATION

3.1.1 Release Criteria

The building surface release criterion for uranium-235 (U-235) is 5,000 dpm/100 cm^2 (Regulatory Guide 1.86 – AEC, 1974). The removable contamination (loose surface contamination that can be removed and assessed using a cloth smear) release criterion is one-fifth of the total activity limits. The limits for the site-specific radionuclide in the Building D slab and underlying soils are provided in Table 3-1. Beta surveys are not required for slab surface surveys, but will be performed for personnel protection.

3.1.2 Investigation Levels

If measured levels in the field approach or exceed the alpha and beta release criteria, or if exposure rates exceed background plus three-sigma (3σ) of the survey unit, additional investigations and/or remediation will be performed and/or additional radiological controls will be employed.

3.1.3 Alpha and Beta Scan Measurements

Scan measurements are performed to identify elevated areas of radioactivity on surfaces. Alpha scans will identify elevated concentrations of U-235. Since release criteria are for alpha measurements, beta scans will not be required for release surveys. However, beta scans will be performed for personnel protection, using the release criterion set at Regulatory Guide 1.86 (AEC, 1974) values for beta-gamma emitters (5,000 dpm/100 cm^2). Alpha static measurements for concrete and debris surfaces will be obtained with the Ludlum 43-68 detector coupled to the Ludlum 2241 rate meter (or equivalent).

[Note: The following MDCR calculations are based on generic α and β-γ background levels. The calculations will be revised upon mobilization when site-specific values can be measured.]

3.1.3.1 Alpha Scan Measurements

The alpha emitting radionuclide of concern (ROC) is U-235. To achieve the sensitivity to detect U-235 at its release criterion, a Ludlum Model 2241 ratemeter/scaler coupled with a Ludlum Model 43-68 detector (or equivalent) will be used. The system will be operated at a target speed

of 1.25 centimeters per second (cm/sec) with the detector approximately 1.25 cm from the surface. The MDCR for the detector can be calculated using the following equation:

$$\text{MDCR} = d'\sqrt{b_i}(\frac{60}{i})$$

Where: d' = index of sensitivity (α and β errors [performance criteria])

b_i = number of background counts in scan time interval (counts)

i = count time interval

The equation above simplifies to:

$$\text{MDCR} = 3.28\sqrt{1}\left(\frac{60}{7}\right) = 28.1\text{cpm}$$

Where: d' = 3.28

b_i = 1 count

i = 7 sec (based on a scan speed of 1.25 centimeters per second [cm/sec] and a detector width of 8.66 cm.)

and the scan MDC is:

$$Scan\ MDC = \frac{MDCR}{\sqrt{\rho} * \varepsilon_i * \varepsilon_s * \frac{W}{100\ cm^2}}$$

Where: MDCR = as discussed above

ρ = surveyor efficiency factor

ε_i = instrument efficiency

ε_s = surface efficiency

W = area of the detector window (cm^2) [defaults to 100 cm^2 for probes greater than 100 cm^2]

Therefore:

$$Scan\ MDC = \frac{28.1}{\sqrt{.5} * 0.4 * 0.25 * \left(\frac{100}{100}\right)} = 397.4\ dpm$$

Where: ρ = 0.5

ε_i = 0.4

ε_s = 0.25

W_A = 100 cm^2

3.1.3.2 Beta Scan Measurements

Beta scan surveys will be performed for personnel protection. A Ludlum Model 2241 ratemeter/scaler coupled with a Ludlum Model 43-68 gas flow proportional counter (or equivalent) will be used. The release criterion will be based on the Regulatory Guide 1.86 (AEC, 1974) values for beta-gamma emitters (5,000 dpm/100 cm^2). The system will be operated at a target speed of 2.5 cm/sec with the detector 1.25 cm from the surface. The MDCR for beta scans is:

$$MDCR = d'\sqrt{b_i}(\frac{60}{i})$$

Where: *d'* = index of sensitivity (α and β errors [performance criteria])

b_i = number of background counts in scan time interval (counts)

i = count time interval

Therefore:

$$MDCR = 3.28\sqrt{29.17}\left(\frac{60}{3.5}\right) = 304\ cpm$$

Where: d' = 3.28

b_i = 29.17 counts (based on 500 cpm background and a 3.5 sec count interval)

i = 3.5 sec (based on a scan speed of 2.5 cm/sec; and a detector width of 8.66 cm)

and the scan MDC is:

$$Scan\ MDC = \frac{MDCR}{\sqrt{\rho} * \varepsilon_i * \varepsilon_s * \frac{W}{100\ cm^2}}$$

Where: MDCR = as discussed above

ρ = surveyor efficiency factor

ε_i = instrument efficiency

ε_s = surface efficiency

W = area of the detector window (cm^2); defaults to 100 cm^2 for probes greater than 100 cm^2]

Therefore:

$$Scan\ MDC = \frac{304}{\sqrt{1} * 0.45 * 0.5 * \left(\frac{100}{100}\right)} = 1350\ dpm$$

Where: $p = 1$

$\varepsilon_i = 0.45$

$\varepsilon_s = 0.5$

$W_A = 100\ cm^2$

3.1.4 Alpha Static Measurements

Alpha static measurements will be obtained with the Ludlum 43-68 detector coupled to the Ludlum 2241 rate meter (or equivalent). The Ludlum 43-68 detector will be used to obtain fixed measurements on concrete and debris surfaces.

The limiting alpha emitting ROC is U-235. Static measurements for alpha emissions will require a one minute count time for the Ludlum 43-68 (or equivalent) based on U-235. The MDC calculation for the specified count time is:

$$MDC = \frac{3 + 3.29\sqrt{1*1*\left(1 + \frac{1}{10}\right)}}{0.25 * 0.4 * \frac{100}{100\,cm^2} * 1} = 65.4\ \text{dpm}$$

Where:

$R_B = 1$ cpm

$T_B = 600$ second or 10 minutes

$T_{S+B} = 60$ seconds or one minute

$\varepsilon_i = 0.4$

$\varepsilon_s = 0.25$

$W_A = 126\ cm^2$ (areas greater than 100 cm^2 default to 100 cm^2)

3.1.5 Gamma Walkover Surveys

Gamma walkover surveys will be performed in remediated areas as construction sequencing permits. Surveys will be performed using a ERG Model 105G with 44-10 GPS Survey System. Survey techniques are defined in the Task Specific Plan (Attachment B).

3.2 SURVEY PROCEDURE

Screening surveys will consist of surface scans using a hand-held instrument which detects alpha contamination. A scan rate of approximately 1.25 cm/sec will be used with the detector, which will be positioned approximately 1.25 cm above the surface during the sampling interval. Removable contamination will be assessed using either a semi-portable scaler (Ludlum 2929) or a hand-held instrument to monitor survey media (disk smears and/or large area Masslin wipes). Actions levels for total and removable alpha and beta contamination will be based on Regulatory Guide 1.86 (AEC, 1974) guidance (Table 3-1). Work areas will also be monitored for exposure rate using a hand-held dose rate meter, using similar methods to those described above. If alpha contamination level is above the release criterion, the surface will be marked for segregation as radioactive waste.

Instrument information for the meters that will be used is listed in Table 3-2. Instruments will be checked for operability prior to use in accordance with Tetra Tech *Task Specific Plan Former Building D, Block E Scoping Survey, Middle River Complex, 2323 Eastern Blvd., Middle River, Maryland* (Appendix A). Daily operability checks will confirm that action levels are detectable and not below MDCR for each instrument. All survey results will be documented on radiological survey forms. Any location where the detector reading exceeds the release criteria of 5,000 dpm/100 cm^2 total α or β contamination will be marked and/or posted and a GPS location will be documented as detailed in the work plan. These areas will deconned/remediated with the resulting waste disposed of as radioactive material. Anomalous readings will also be noted on the survey map, in accordance with Tetra Tech *Radiological Protection Operating Procedures* (Appendix A).

3.3 PERSONNEL PROTECTION SURVEYS

Radiological surveys will be performed during field activities to establish that radiation and contamination levels are < 5,000 dpm/100 cm^2 total α and < 1,000 dpm/100 cm^2 removable α contamination. Radiation surveys will be performed in work areas before and during work

activities to monitor radiological conditions and maintain radiological controls to prevent the inadvertent spread of contamination. Contamination surveys will also be performed on personnel leaving a radiological area to ensure that individuals are free of contamination.

During activities that create the possibility for airborne contaminants (i.e., demolition of concrete, excavation of soils), monitoring will be performed for airborne radioactivity. Dust control measures, such as misting of material as it is being cut, crushed, or moved, will be implemented to minimize exposure to airborne contaminants.

Contamination surveys will be performed before and after decontamination on equipment leaving the controlled area to ensure that contamination levels are below limits established for the unconditional release of materials.

3.4 DEMOLITION SURVEYS

No radiological contamination is known to be present on the above-ground surface of the concrete slab that remains in the area of the former Building D. The only radiological material detected during characterization efforts are isolated to the floor drain system associated with the portion of the building where radiological operations occurred in the southwest quadrant of the slab. Since residual contamination may be present in other sections of floor drain piping, a graded approach to radiological controls during remediation will be employed with the primary focus on the southwest quadrant, however radiological monitoring will be performed for all remediation activities.

Materials and debris removed during demolition and remediation activities will be monitored for fixed and removable contamination and surface radiation levels. Exposure rate and contamination surveys will be performed on exposed areas of the drain system and surrounding soil to determine if safe conditions exist.

For remediation in the southwest quadrant, the building slab will be removed to expose the floor drain piping. Floor drain lines will be contained and removed to prevent the spread of contamination. Each section of the floor drain and the soil surrounding it will be surveyed by health physics personnel before other personnel enter the area. The results of this survey will determine how materials (concrete, piping, soil) will be packaged, removed, staged, and disposed. If piping

is undamaged, outer surfaces will be surveyed for contamination. If no exterior contamination is present, pipe sections will be sealed at the ends and staged as radioactive waste. If exterior contamination is found, the entire pipe section will be wrapped/sealed in plastic and staged as radioactive material.

Removal and Staging of Material

If no contamination is found above limits provided in Table 3-1, material will be removed and staged for disposal as non-radioactive waste. These materials will have no radiological restrictions for handling or disposal.

If contamination is found in excess of Table 3-1 values, material will be removed and staged for disposal. Care will be taken to remove as little dirt as possible when removing the drains. Prior to removal, the material will be bagged, wrapped, or containerized to prevent the spread of contamination during movement to the staging area. Staging areas for contaminated drain system pieces will also be covered with disposable materials (i.e., tarps, plastic) prior to placing of material and will be designated as a radioactive material area (RMA) until material has been removed for disposal.

3.5 SOIL SAMPLING

3.5.1 Soil Samples

Soil samples will be collected in accordance with the TSP. Sampling will be performed in accordance with applicable radiological protection operating procedures (Appendix A). All radiological samples will be analyzed by an offsite laboratory for isotopic uranium. Since the TSP addresses the performance of a MARSSIM based Scoping Survey, only surface soil samples (0-6 inches deep) will be collected.

3.5.2 Sample Handling

Radiological sample handling includes field-related considerations concerning the selection of sample containers, labeling, and analyses requested; hold-times and preservatives are not required. Proper custody procedures will be followed throughout all phases of sample collection and handling. Chain of custody (COC) protocols will be used throughout sample handling to establish the evidentiary integrity and possession history of sample containers. These protocols will

demonstrate that the samples were handled and transferred in a manner that would eliminate (or detect) possible tampering.

Sample containers will be released under signature from the laboratory and will be accepted under signature by the sampler(s) or responsible individual that maintains custody, until the sample containers are transferred to the sampler(s). Transport containers returning to the laboratory will be sealed with strapping tape and a tamper-proof custody seal. The custody seal contains the date, time, and signature of the individual releasing the transport container.

3.5.3 Data Analysis and Management

All samples collected for radiological analysis will be analyzed by inductively coupled plasma-mass spectrometry (ICP-MS). The total number of samples collected for analysis will be dependent on the number of survey units identified as a result of construction sequencing. Sample grids will be in accordance with MARSSIM guidance. Radiological samples will only be sent to a laboratory that is Agreement State– or Nuclear Regulatory Commission– (NRC–) licensed (as applicable) to receive radioactive material.

All analytical results provided by the laboratory will be validated for all quality assurance/quality control (QA/QC) parameters including accuracy, precision, completeness, and comparability in accordance with the Multi-Agency Radiological Laboratory Analytical Protocols Manual (MARLAP) (NRC, 2004). Ninety percent of the data packages will receive cursory validation and 10% will receive full validation. Oversight of the laboratory QA/QC will be proactive to ensure valid data are produced during the sampling event. Therefore, an evaluation of the methodology, method compliance, and any corrective actions will also be performed. Results of data usability reviews will be provided to Lockheed Martin Corporation (Lockheed Martin) and the managing contractor as they are received.

The Contractor will closely monitor the laboratory analysis via electronic data deliverables (EDD) and data validation of the samples to ensure that the analysis and reporting are generated as per the analytical requirements and procedures. The deliverables will include EDD and data validation summary reports. Results of data usability reviews will be transmitted to the project personnel as they are received.

Laboratory data handling procedures will meet the requirements in the laboratory subcontracts. All analytical and field data will be maintained in Tetra Tech project files, and will include copies of the COC forms, sample log forms, sampling location maps, and documentation of quality assurance and quality control.

Additionally, radiological data will be entered into a radiological sampling database for preliminary review and comparison to action levels by the project health physicist. Actions levels for soil sample results are found in Table 3-1. A review of radiological sampling data from shipping containers is required prior to shipping waste to accurately complete waste manifest forms.

3.6 CONTINGENCY

Demolition, excavation and construction progress surveys will assess radiological conditions as the project progresses. The conceptual site model assumes that the breeching of the floor drain pipe was an anomaly and that the remaining soils under the slab were not impacted by radiological operations. Additionally, suspect floor drain piping locations associated with historical radiological operations have been identified in the southwest portion of the Building D slab. The construction design will take these areas into account for increased surveillance.

However, the potential exists that contamination might be present in other portions of the floor drain system. Radiological surveillance, in the form of additional surveys and soil sampling, will be required when excavation of floor drain piping is performed. If surveys indicate the presence of enriched uranium pre- or post-excavation, the extent of the contamination will be assessed, and the extent of contaminated soil removal activities will be determined. It is expected that if these conditions are encountered, manual spot decontamination will be sufficient to reach clean up criteria. If additional excavation beyond spot decontamination is required, these activities will be coordinated with construction supervision. Waste packaging, storage and shipment will be managed using standard project procedures.

3.7 FINAL STATUS SURVEY

A radiological final status survey will be performed in accordance with the TSP (Attachment B). After completion of site remediation activities, an assessment will be made of site surveys and

sample results. This information will be supplemented, as necessary, to statistically show that no radiological contamination exist above the site release criteria in the remaining soil of the Building D footprint. This information will be presented in a formal report to be submitted to the Maryland Department of the Environment's Radiological Health Program (RHP) for review and approval.

SECTION 4
RADIOACTIVE WASTE MANAGEMENT

A waste management plan conforming to *Lockheed Martin Energy, Environment, Safety, and Health (EESH) Remediation Waste Management Procedure No. EROP-03, Revision 4 (*effective April 17, 2009) (Lockheed Martin, 2009) will be submitted as part of the Block E Remedial Design. This plan will be followed and modified to include control of radioactive (and possibly mixed) waste generated during site remediation operations, if applicable. If radioactive or mixed waste is generated, it will be packaged and staged appropriately, under the direction of the health physicist, until proper disposal arrangements can be made. Any radioactive or mixed waste generated will be shipped in accordance with state and federal regulations and disposed in a licensed disposal facility.

SECTION 5
PROJECT DELIVERABLES AND REPORTS

A radiological assessment report will be prepared to summarize the results of the remedial action. The report will be a standalone document supplemental to the main report. The report will discuss radiological activities conducted during the project and will include the Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM) Final Status Survey Report as an attachment. Data tables for all sampling included in the final report will be added to the Middle River Complex (MRC) environmental geographic information system (EGIS). Conclusions and recommendations will be included based on the investigation results. The report will be forwarded to applicable regulatory agencies for review and approval.

SECTION 6
REFERENCES

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FIGURES

Figure 2-1 Middle River Complex Location Map

Figure 2-2 Former Building D Features

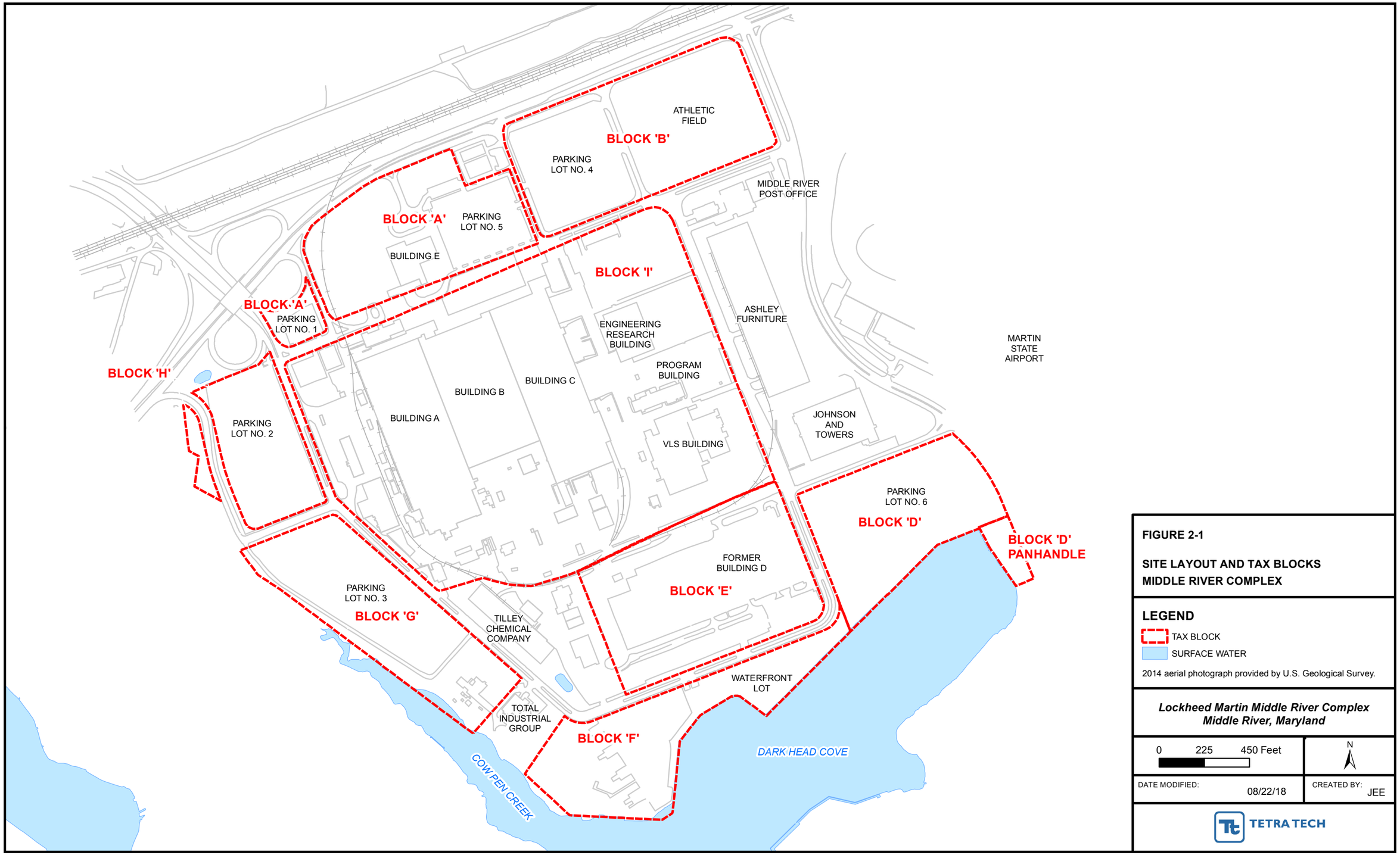

FIGURE 2-1

SITE LAYOUT AND TAX BLOCKS
MIDDLE RIVER COMPLEX

LEGEND

TAX BLOCK

SURFACE WATER

2014 aerial photograph provided by U.S. Geological Survey.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 225 450 Feet

N

DATE MODIFIED: 08/22/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\mrc_tax_blocks_jul2017.mxd)
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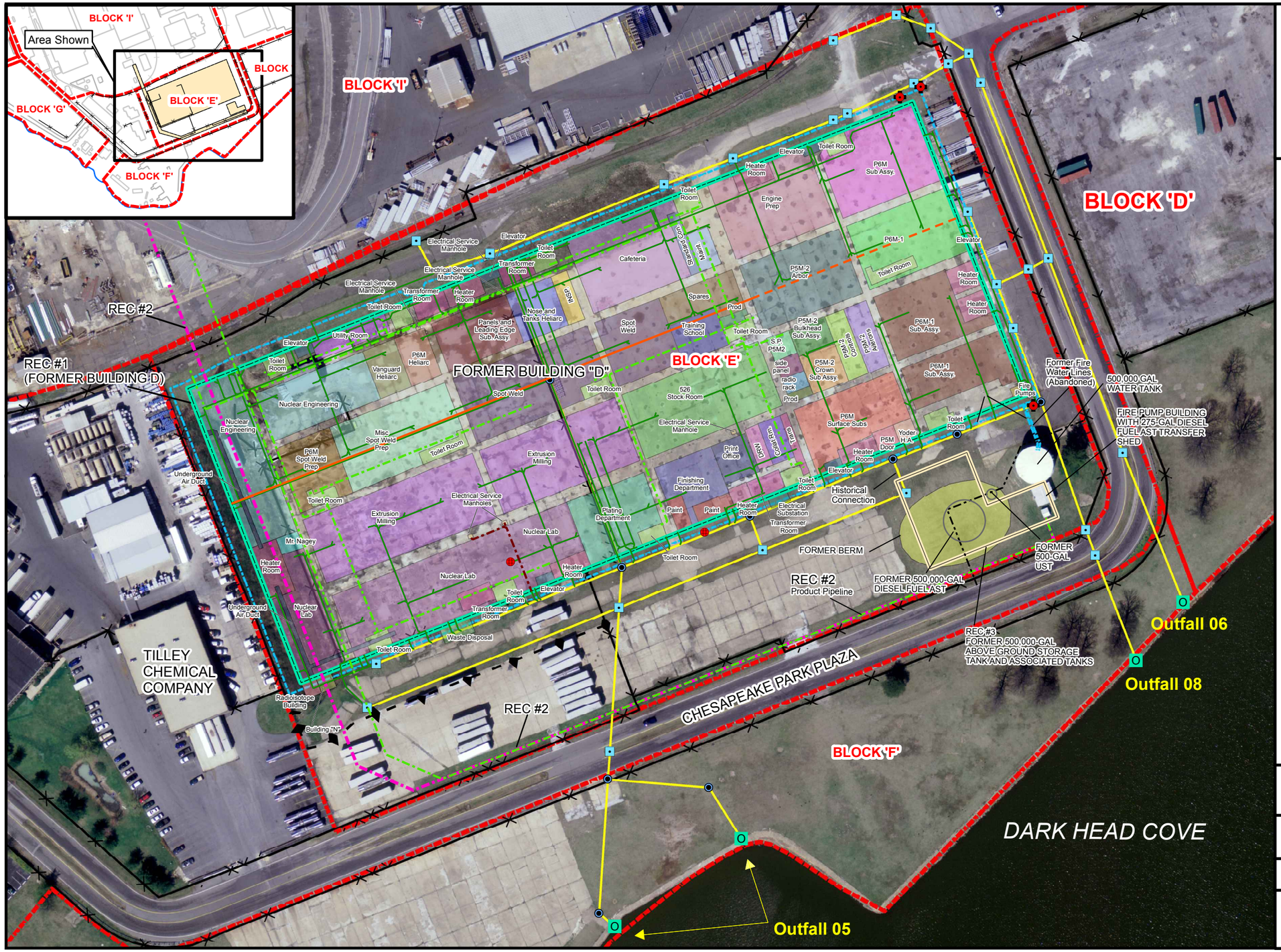

FIGURE 2-2

FACTORY LAYOUT OF FORMER D BUILDING BASEMENT

(Source date: January 1957)

LEGEND

- APPROXIMATE PARCEL BOUNDARY
- HYDRANT
- STORMWATER INLET
- ELECTRIC MANHOLE
- MHSD (MANHOLE)
- STORMWATER OUTFALL
- DRAIN CLEANOUTS *
- DRAIN LINES *
- UNDERGROUND SANITARY SEWER *
- REC #2 - PRODUCT PIPELINE*
- SUMP DRAIN *
- UNDERGROUND AIR SEPARATOR DRIP WASTE *
- UNDERGROUND AIR SEPARATOR DRIP WASTE (INFERRED FROM DRAWING) *
- FIRE WATER LINE *
- STORM SEWER
- EXISTING FENCE
- NEW FENCE - OCTOBER 2011
- REC #1 - BUILDING D (FORMER)
- PARCELS
- APPROXIMATE PARCEL BOUNDARY

UST = UNDERGROUND STORAGE TANK
AST = ABOVE GROUND STORAGE TANK
REC = RECOGNIZED ENVIRONMENTAL CONCERN

* Obtained from historical plans and drawings

Lockheed Martin Middle River Complex
Middle River, Maryland

0 65 130 Feet

N

DATE MODIFIED: 3/15/13

CREATED BY: MP

TETRA TECH

Map Document: (P:\Germantown GIS\Middle_River\Maps\Proposed DPT\Block E Utilities and Historical Operation Areas_revised 3 15 13 Import.mxd)
Last Saved 08/17/18

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Table 2-1 Block E Background Sample Ranges

Table 2-2 Soil Boring 1470 Results

Table 2-3 Soil Boring 1546 Results

Table 3-1 Action Levels/Release Criteria

Table 3-2 Instrumentation

Table 2-1

Block E Background Sample Ranges
Middle River Complex, Middle River, Maryland

Analyte	Sample Range Results (pCi/g)
Th-228	ND – 2.2
Th-230	0.245 – 2.24
Th-232	0.354 – 1.87
U-223/234	0.28 – 7.53
U-235	ND – 0.902
U-238	ND – 1.98

Abbreviations and Acronyms:
ND Non-detect
pCi/g picocurie per gram
Th### Thorium isotope
U### Uranium isotope

Table 2-2

Soil Boring 1470 Results
Middle River Complex, Middle River, Maryland

Radionuclide	E-SB-1470-5-10 Sample Results (pCi/g)	E-SB-1470-10-15 Sample Results (pCi/g)
Th-228[1]	3.94	1.63
Th-232[1]	2.88	1.64
Total[2]	610[a]	180[a]
U-234[2]	4080	851
U-235[2]	134	28.2
U-236[2]	9.94	2.21
U-238[2]	220	49.2

Notes:
[1] – Alpha Spectroscopy
[2] – ICP-MS
[a] – mg/kg

Abbreviations and Acronyms:
mg/kg milligram per kilogram
pCi/g picocurie per gram
Th-### Thorium isotope
U-### Uranium isotope

Table 2-3

Soil Boring 1546 Results
Middle River Complex, Middle River, Maryland

Radionuclide	E-SB-1546-0-2 Sample Results (pCi/g)	DUP5[a] Sample Results (pCi/g)
Th-228[1]	4.34	4.90
Th-232[1]	3.86	4.45
U-234[2]	2500	8000
U-235[2]	84.1	256
U-236[2]	7.24U	17.8
U-238[2]	372	855

Notes:
[1] – Alpha Spectroscopy
[2] – ICP-MS
[a] – DUP5 is duplicate sample from 0 – 2-foot interval

Abbreviations and Acronyms:
pCi/g picocurie per gram
Th-### Thorium isotope
U – Non-detect
U-### Uranium isotope

Table 3-1

Action Levels/Release Criteria
Middle River Complex, Middle River, Maryland

Radionuclides	CAS Number	Surfaces (dpm/100 cm^2)[a]	Soils (pCi/g)		
		Structures, Materials and Equipment, Waste	Goal[b]	Laboratory Quantitation Limit	Laboratory Minimum Detectable Concentration[c]
Uranium-235	12117-96-1	5,000	4.8	0.5	0.5
Beta-gamma emitters[d]	N/A	5,000	N/A	N/A	N/A

Notes:

a - Based on AEC Regulatory Guide 1.86 (AEC 1974). Values indicate the measured value above background as determined from the reference area. Limits for removable surface activity are 20 percent of these values.

b – Based on Nuclear Regulatory Commission document NUREG-1757, Consolidated Decommissioning Guidance (NRC 2006), whose limits are deemed in compliance with the 25 mrem/y unrestricted dose limit in 10CFR20.1402. Listed values were developed by scaling the NUREG-1757 values to 15 mrem/y for unrestricted use. Criteria are above background for those radionuclides found in background soils.

c – Laboratory specific values, based on previous projects.

d - Beta-Gamma values are listed for use in the assessment of the daughter decay progeny of enriched uranium.

Abbreviations and Acronyms:

pCi/g picocurie per gram
dpm disintegration per minute

Table 3-2

Instrumentation
Middle River Complex, Middle River, Maryland

Instrument	Detector	Type of Activity Detected	Survey Type
Ludlum™ Model 2241 Digital Data Logger (or equivalent)	Ludlum™ Model 43-68 gas flow proportional counter	alpha beta	contamination surveys (counts per minute [cpm])
Ludlum™ Model 2221 Digital Data Logger (or equivalent)	2-inch×2-inch Ludlum™ Model 44-10 sodium iodide (NaI) scintillation probe	gamma	count rate surveys (cpm)
ERG Model 105G with 44-10 GPS Survey System	2-inch×2-inch Ludlum™ Model 44-10 sodium iodide (NaI) scintillation probe	gamma	count rate surveys (cpm)
Bicron/Thermo™ MicroRem Meter (or equivalent)	Tissue equivalent scintillation detector	low-level gamma	dose rate (micro REM per hour [µrem/hr])

APPENDICES

Appendix A—Task Specific Plan Former Building D, Block E Scoping Survey, Middle River Complex

APPENDIX A—TASK SPECIFIC PLAN FORMER BUILDING D, BLOCK E SCOPING SURVEY, MIDDLE RIVER COMPLEX

TASK SPECIFIC PLAN FORMER BUILDING D, BLOCK E SCOPING SURVEY MIDDLE RIVER COMPLEX 2323 EASTERN BOULEVARD MIDDLE RIVER, MARYLAND

Prepared for:
Lockheed Martin Corporation

Prepared by:
Tetra Tech, Inc.

May 2018

Revision: _____



Michael Martin, P.G.
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ACRONYMS AND ABBREVIATIONS

cpm	counts per minute
DFW	definable feature of work
DQI	data quality indicator
DQO	data quality objective
FSS	final status survey
GPS	global positioning system
HASP	health and safety plan
LCS	laboratory control sample
LLRW	low level radioactive waste
m^2	square meter
MARSSIM	Multi-Agency Radiation Survey and Site Investigation Manual
MDC	minimum detectable concentration
MRC	Middle River Complex
mrem/y	millirem per year
NaI	sodium iodide
NRC	U.S. Nuclear Regulatory Commission
OSWER	Office of Solid Waste and Emergency Response
pCi/g	picocuries per gram
PHP	project health physicist
QC	quality control
RCT	radiological control technician
RESRAD	residual radioactivity computer code
RI	remedial investigation
RL	reporting limit
ROC	radionuclide of concern
RPD	relative percent difference
RWP	radiation work permit

SOP	standard operating procedure
SS	scoping survey
SSO	site safety officer
Th	thorium
Th-232	thorium-232
TSP	task-specific plan
U	uranium
USEPA	United States Environmental Protection Agency
U-235	uranium -235

TASK-SPECIFIC PLAN FOR BUILDING D SCOPING SURVEY

This Task-specific Plan (TSP) provides the technical approach and methodology for conducting radiological scoping surveys and sampling in support of the demolition of the former Building D footprint, Block E at the Lockheed Martin Middle River Complex (MRC) located in Baltimore County, Middle River, Maryland. The survey will be conducted in accordance with the general approach, radiological controls and methodologies provided in the Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM) [NRC, 2000] and Standard Operating Procedures (SOPs). The survey activities will conform to the requirements of the Health and Safety Plan (HASP) [Tetra Tech, 2014]. No exceptions to the SOPs or HASP are noted.

This survey is being performed to determine if residual radioactivity is present in the surface soil (0-6 inches) in the Building D footprint after foundation slab and chemically contaminated soil are removed. The survey of this area has been designed as MARSSIM Class 1, 2 and 3 surveys based on historical records and a limited potential for delivering a dose above the release criterion. This methodology will allow the use of survey data to assess the risk posed by the presence of residual radioactivity in surficial soils. Should survey results indicate that contamination exists above the site release criteria, additional radiological investigations including additional remediation will be required. Survey unit (SU) locations and sizes will be dependent on construction sequencing and will be determined during remediation activities.

SECTION 1
SITE DESCRIPTION AND HISTORICAL SUMMARY

Middle River Complex (MRC) covers approximately 163 acres and is comprised of 12 main buildings, an active industrial area and yard, perimeter parking lots, an athletic field, a vacant concrete lot, a trailer and parts storage lot, and numerous grassy spaces along the perimeter. The property is currently divided into eight tax parcels (Tax Blocks A, B, and D through I). Three recognized environmental conditions (RECs) were identified in Tax Block E during the Phase I environmental site assessment. REC#1 (Former Building D) is the only one of the three where AEC licensed material was used. This survey focuses on the soil underlying the former Building D concrete basement footprint (Figure 1).

Beginning in 1929, aircraft equipment fabrication and testing for the United States government and commercial clients have comprised the primary operating history at MRC. Historically, the MRC has been used to design, develop, assemble, and test aircraft and missile launching systems. Former Building D, which was built in the early 1940s for final assembly of aircraft frames, was demolished soon after the Atomic Energy Commission (AEC) license was terminated on December 29, 1970. The building had an assembly floor (first floor), a basement (current concrete slab), and occupied approximately 400,000 square feet.

The former basement areas were used for welding, extrusion milling, engine preparation, and assembly. The northwestern and southwestern portions of the basement housed several offices and laboratories used for radiological research and operations. Cleaning, plating, and finishing work areas were located along the southern interior wall near the building's center.

After the building was demolished the concrete slab has been used for storage, including the storage of airplane carcasses from the Martin State Airport air museum at the eastern end of the slab.

Historical operations of radiological significance involved:

- research, development, fabrication and testing of fuel assemblies for nuclear reactors using varying enrichments of uranium 235 (U-235)
- fabrication of aircraft components using magnesium-thorium alloy (4% thorium as thorium 232 [Th-232])

Therefore, residual radioactive material may have been present in portions of Building D after removal of building contents and before demolition. Radiological surveys and sampling were conducted before and after demolition to address this issue.

Since historical evidence and recent filed activities indicate that facility surfaces and systems were and are contaminated from radiological operations, a scoping survey of the underlying soil in the Building D footprint is being performed. The primary radionuclide of concern (ROC) is isotopic uranium (primarily as U-235). Soil sampling under the Building D slab has indicated that Th-232 concentrations are consistent with background and thus not considered a ROC.

SECTION 2
SCOPING SURVEY

The purpose of this section is to provide guidance for performance of a Scoping Survey (SS) under this TSP. This SS will allow the use of survey data to assess the risk posed by the presence of residual radioactivity in surficial soils.

All radiological surveys will be performed in accordance with SOP 006, *Radiation and Contamination Surveys.* One hundred percent of the Class 1, 2 and 3 survey units (if reachable by personnel after remediation efforts are complete) will be scanned using a ERG Model 105G GPS survey system coupled with a Ludlum Model 44-10 2-inch by 2-inch NaI detector for data collection and data maintenance. Additional measurements and samples will be collected if investigation levels or release criteria are exceeded during the review of data. Soil sample locations will be determined using a triangular grid system with a random start point (NRC 2000). Additional biased gamma static measurements and soil sample locations may be added based on the results of the gamma walkover survey and on professional judgment.

Soil samples will be analyzed for isotopic uranium (U) by an Environmental Laboratory Accreditation Program (ELAP) accredited laboratory using EPA Method 6020A, Inductively Coupled Plasma-Mass Spectrometry (ICP-MS).

2.1 RELEASE CRITERIA

This survey is being performed to assess whether residual radioactivity above the established release criteria, as defined on Table 2-1, is present in the area. The site will be modeled using residual radionuclide concentrations to evaluate total dose and risk.

2.2 REFERENCE AREA

While a Reference Background area in Block F has already been sampled and analyzed, sampled soils are not geologically representative of Block E and sample results were not reflective of Block

E concentrations. Sample values generated from Block E sampling will be used for reference background values.

2.3 INVESTIGATION LEVEL

The investigation level for gamma surveys will be established at the survey unit mean plus 3σ, where σ is the standard deviation of the gamma readings in the survey unit. Survey data will be evaluated using the Z-test and values above the mean will be plotted on a color-coded map. Values of 3σ or above will be investigated by 1) visual inspection (soil staining, discoloration), 2) physical inspection and 3) static gamma measurements. If the source of the elevated reading cannot be determined (i.e., geologic sources, naturally occurring observable sources, etc.), a biased soil sample from the location will be considered. Approximately 25% of the areas exceeding the 3σ value will be sampled. Areas exceeding 3σ will be marked in case laboratory analyses of soil samples indicates that further investigation is warranted.

2.4 SURVEY UNITS

The Building D survey unit locations and sizes will be determined based on construction sequencing. The general approach will be that as demolished and remediated areas become available, they will be sampled and surveyed to permit any restoration activities necessary (i.e., grading, backfilling, etc.). The category and number of survey units is displayed in Table 2-2. Since radioactive contamination was found in the southwest quadrant of the Building D slab where radiological operations were known to have occurred, that area will be considered a Class 1 area. A Class buffer 2 area will be developed around the Class 1 perimeter. The remainder of the building slab will be considered a Class 3 area. Depending on construction sequencing, one portion of a SU may be sampled and surveyed pending the completion of remediation in the remainder of the SU. The boundaries of the Survey Unit areas are shown in Figure 1.

2.5 ESTABLISHING THE NUMBER OF MEASUREMENTS

To determine the number of measurements, N, to be taken per survey unit/reference area combination when the contaminant is present in background, Equation 5-1 of MARSSIM (NRC, 2000) is used:

$$N = \left(\frac{(Z_{1-\alpha} + Z_{1-\beta})^2}{3(P_r - 0.5)^2} \right)(1.2)$$

Where:

N = Number of data points

$Z_{1-\alpha}$ = Type I decision error level, 1.645

$Z_{1-\beta}$ = Type II decision error level, 1.645

P_r = random measurement probability, 0.871014

1.2 = 20 percent increase in number of samples over the minimum

The values used in the calculation are from MARSSIM guidance (NRC, 2000) and are based on a recommended value for the relative shift (Δ/σ) of 1.6 as discussed in Section 5.5.2.2 of MARSSIM (NRC, 2000). Type I and Type II decision errors are based on 0.05 false negative and 0.05 false positive rates. The associated Z values are obtained from MARSSIM Table 5.2 (NRC, 2000). The random measurement probability, P_r, is from MARSSIM Table 5.1 (NRC, 2000).

Using the defined values, the equation becomes:

$$N = \left(\frac{(1.645 + 1.645)^2}{3(0.871014 - 0.5)^2} \right)(1.2)$$

The calculation results in a value of N = 31.45366. Therefore, a minimum of 32 measurements will be obtained in each survey unit/reference area combination (approximately half from the survey unit, half from the reference area). Sample locations will be determined using a triangular grid pattern as specified in Section 5.5.2.4 of MARSSIM (NRC, 2000).

In additional to the systematic measurements, biased sampling locations may be determined based on the results of the gamma walkover survey and field observations/investigations. Each sample location investigation will consist of:

- a soil sample from the 0-6 inch (0-15 cm) soil layer (SOP 009),

- a static 1-minute gamma measurement (SOP 006),
- an exposure rate measurement (SOP 006).

GPS coordinates will be obtained for all sample locations.

2.6 GAMMA SCANS

One hundred percent of all SUs will be scanned with a ERG Model 105G with 44-10 GPS Survey System. Gamma scans by survey instruments will be logged and included in the final report. For the ERG Model 105G with 44-10 GPS Survey System, scans will be performed at a rate of approximately 0.5 meter per second (1 second scan observation) with the detector held approximately 10 centimeters (4 inches) above the ground. The scan path will be on approximate 1-meter traverses.

2.7 GAMMA EXPOSURE RATE MEASUREMENTS

Gamma exposure rate measurements will be collected using a Bicron/Thermo MicroRem Meter from each specified sample location in the survey unit in accordance with SOP 006.

2.8 SOIL MEDIA SAMPLING

Soil samples will be collected at identified sampling locations and analyzed by an offsite laboratory for isotopic U by Inductively Coupled Plasma – Mass Spectrometry [ICP-MS] (EPA Method 6020A). Summary, statistics and data evaluation will be summarized in the SS report.

2.9 DOSE MODELING IN SUPPORT OF A RADIOLOGICAL RISK ASSESSMENT

The intent of the survey is to provide radiological risk analysis for residual contamination in surficial soils (0 – 6 inches) within the Building D footprint. To accomplish this goal, it is necessary to provide a means for calculating residual dose to the critical group; the default industrial worker scenario for RESRAD-ONSITE (version 7.2 or as updated) was selected.

After the residual dose is determined, the excess lifetime cancer risk to the critical group will also be estimated. Scoping survey soil sample results will be used to perform RESRAD dose and risk modeling for an industrial end use scenario.

SECTION 3
QUALITY CONTROL

The DQOs for field activities are provided in Table 3-1. The laboratory DQOs are in Table 3-2.

Definable features of work (DFWs) establish the measures required to verify both the quality of work performed and compliance with project requirements. The DFW for this task are radiological surveys and the associated sample results. A description of the DFW and the associated phases of quality control are presented in Table 3-3. Quality control data will be provided in the SS report.

SECTION 4
REFERENCES

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FIGURES

Figure 1-1 Building D Survey Units

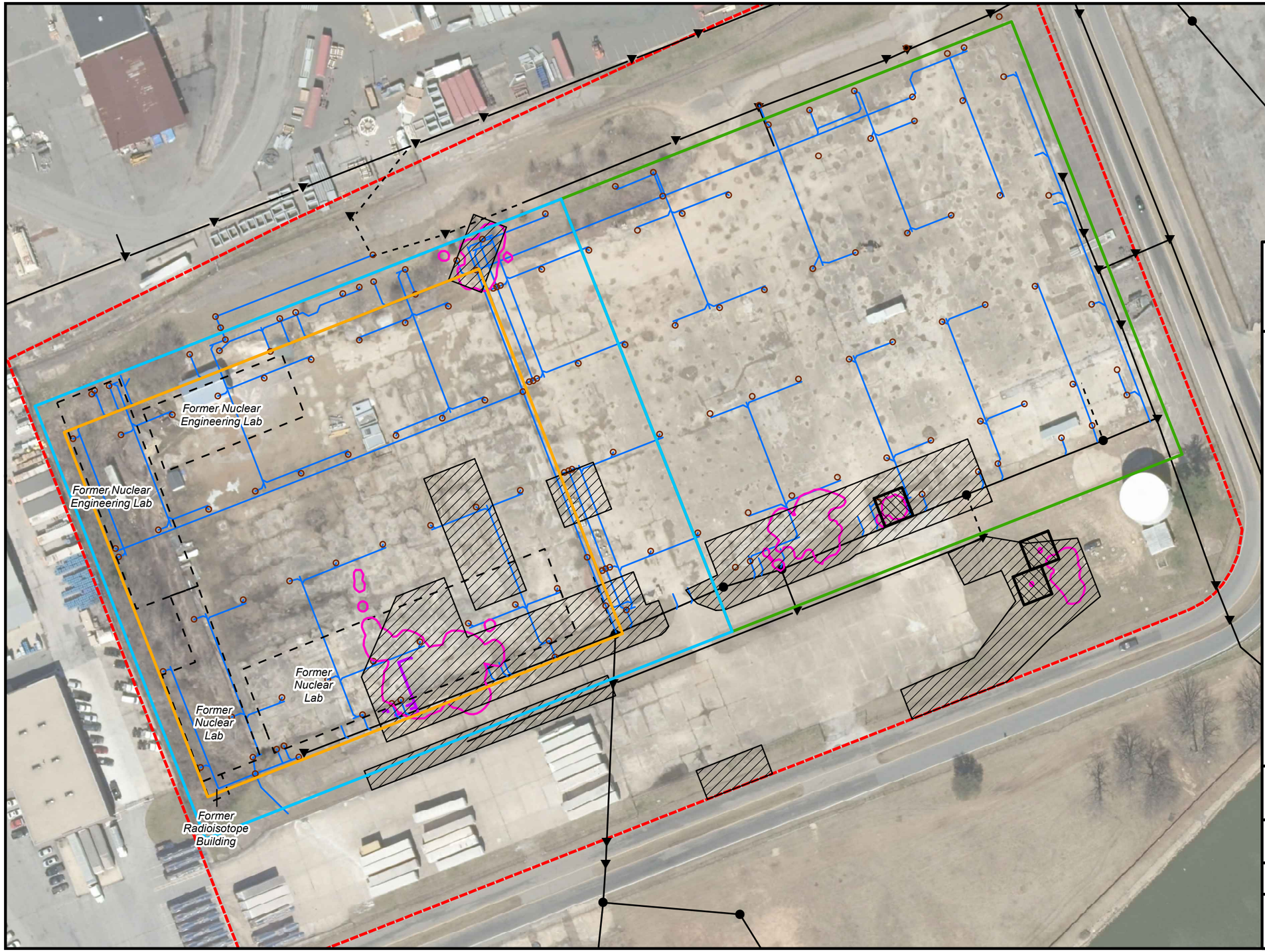

FIGURE 1

BUILDING D SURVEY UNITS
BLOCK E

LEGEND

- Class 1 Survey Units (5)
- Class 2 Survey Units (4)
- Class 3 Survey Unit (1)
- Soil Excavation to a Depth of 2 Feet
- Soil Excavation to a Depth of 3 Feet
- PCB Isoconcentration Line of 58 mg/kg *
- Former Basement Room
- Approximate Location of Radioactive Underground Drain Line
- Approximate Location of Radioactive Aboveground Drain Line
- January 1957 Historic Drain Cleanouts
- January 1957 Historic Drain Lines
- Storm Drain Outfall
- Storm Drain Manhole
- Storm Drain Catch Inlet
- Confirmed Storm Drain Line
- Approximate Storm Drain Line
- Tax Block

* Isocontour polygons created with LeapFrog Geo using 2017, 2016 and pre-2015 soil sampling data.

2017 aerial photograph provided by the State of Maryland.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 50 100 Feet

N

DATE MODIFIED: 08/22/18

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_survey_units_jun2018.mxd)
06/25/18 -- JEE

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Table 2-2 Survey Unit Categories

Table 3-1 Summary of Data Quality Objectives

Table 3-2 Laboratory Data Quality Objectives

Table 3-3 Definable Features of Work For Radiological Surveys

Table 2-1

Primary Radiation Properties and Release Criteria for Radionuclides of Concern

Radionuclide	Primary Radiation Properties		Release Criteria		
			Materials, Equipment, and Wastes		Release Criteria for Residential Reuse Solid Samples[c,d] (pCi/g)
	Half-life	Type	Total Surface Activity[a,b]	Removable Activity[ab]	
U-235	7.1e^{8} y	Alpha	5,000	1,000	4.8
Beta-gamma emitters[e]	N/A	Beta-Gamma	5,000	1,000	N/A

Notes:

[a] Units are disintegrations per minute per 100 square centimeters.

[b] These limits are based on AEC Regulatory Guide 1.86 (**AEC, 1974**). Values indicate the measured value above background as determined from the reference area. Limits for removable surface activity are 20 percent of these values.

[c] These limits are based on Nuclear Regulatory Commission document NUREG-1757, Consolidated Decommissioning Guidance (**NRC, 2006**), whose limits are deemed in compliance with the 25 mrem/y unrestricted dose limit in 10CFR20.1402. Listed values were developed by scaling the NUREG-1757 values to 15 mrem/y for unrestricted use.

[d] Criteria are above background for those radionuclides found in background soils.

e Beta-Gamma values are listed for use in the assessment of the daughter decay progeny of enriched uranium.

Abbreviations and Acronyms:

pCi/g – picocuries per gram
U-235 – uranium 235
y – year

Table 2-2

Survey Unit Categories

Survey Unit Category	Number of Survey Units
Class 1	5
Class 2	4
Class 3	1

Table 3-1

Summary of Data Quality Objectives

STEP 1	STEP 2	STEP 3	STEP 4	STEP 5	STEP 6	STEP 7
Statement of Problem	**Decisions**	**Inputs to the Decisions**	**Boundaries of the Study**	**Decision Rules**	**Limits on Decision Errors**	**Optimize the Sampling Design**
Building D footprint is considered an area potentially impacted by radiological activities. Radionuclide of concern for this footprint is U-235. It will be determined if residual contamination in surficial soil meet the site-specific release criteria for these radionuclides.	The primary use of the data expected to result from completion of this TSP is to support the Scoping Survey of the Building D footprint Therefore, the decision to be made can be stated as, "Do the results of the survey meet the release criteria?"	Radiological surveys required to support the Scoping Survey of the Building D footprint will include: • 100 percent gamma scan surveys of the Class 1, 2 and 3 survey units using hand-held instrumentation. Typically, a minimum of 16 biased gamma static measurements, exposure rate measurements, and solid samples will be collected in each of the survey units. • Soil samples will be analyzed for isotopic uranium.	The boundaries of the survey areas are shown in Figure 1. The spatial boundaries are consistent to assess radiological risks associated with residual contamination in surficial soil.	The results of the survey will be used to assess radiological risks from residual contamination in surficial soil.	Limits on decision errors are set at 5 percent.	Operational details for the radiological survey process have been developed. The theoretical assumptions are based on guidelines contained in MARSSIM (NRC, 2000). Specific assumptions regarding types of radiation measurements, instrument detection capabilities, quantities and locations of data to be collected, and investigation levels are contained in this TSP.

Abbreviations and Acronyms:
MARSSIM – Multi-Agency Radiation Survey and Site Investigation Manual
U-238 – uranium 238

Table 3-2

Laboratory Data Quality Objectives

Matrix	Soil/solids
Analytical group	Isotopic uranium
Analytical method	USEPA Method 6020A

QC sample	Frequency / number	Method / SOP QC acceptance limits	Corrective action	Person(s) responsible for corrective action	Data quality indicator (DQI)	Measurement performance criteria
Method blank	One per preparation batch	Results less than the laboratory reporting limit	Narrate/recount/reanalyze batch	Laboratory analyst	Accuracy/bias - contamination	No target compounds >RL
LCS	One per preparation batch	75-125% recovery	Recount/reanalyze batch	Laboratory analyst	Accuracy/bias	75-125% Recovery
Laboratory reanalysis	One per preparation batch	+/- 20%	Recount/reanalyze batch	Laboratory analyst	Precision	+/- 20%

Notes:

DQI data quality indicator
LCS laboratory control sample
MDC minimum detectable concentration
QC quality control
RL reporting limit
RPD relative percent difference
SOP standard operating procedure

Table 3-3

Definable Features of Work For Radiological Surveys

ACTIVITY	PREPARATORY (Prior to initiating survey activity)	DONE	INITIAL (At outset of survey activity)	DONE	FOLLOW-UP (Ongoing during survey activity)	DONE
Radiological surveys and sampling	• Verify that an approved TSP is in place. • Verify that the Project Manager (PM) and the Project Health Physicist (PHP) are notified about mobilization. • Verify that TSP and HASP have been reviewed. • Verify that assigned personnel are trained and qualified. • Verify that personnel have been given an emergency notification procedure. • Verify that workers assigned dosimetry have completed NRC Form 4. • Verify that the relevant SOPs and/or manufacturers' instructions are available and have been reviewed for equipment to be used for radiological surveys. • Verify that equipment is on-site and is in working order (initial daily check).		• Verify that radiological instruments are as specified in the TSP. • Inspect training records. • Verify that a qualified RCT and SSO are present at active work areas. • Verify that site activities are being photographed. • Verify that the reference area measurements have been obtained using the approved procedure described, which states that the same survey methodology and instruments used to collect the background data will be used to perform measurements within survey units. • Verify that daily checks were performed on all portable survey instruments. • Verify that radiological instrument calibrations and setup are current. • Verify that required dosimetry is being worn. • Verify that field logbooks, proper forms, and chain-of-custody documents are in use. • Verify that samples and measurements are being collected in accordance with the TSP and relevant SOPs. • Verify that sample handling and analyses are in accordance with applicable SOPs.		• Verify that site is properly posted and secured, if necessary. • Conduct ongoing inspection of material and equipment. • Verify that a qualified RCT and SSO are present at active work areas. • Verify that daily instrument checks and background measurements are obtained and documented. • Verify that survey and sample analysis results are documented. • Verify that personnel have read and signed the revised RWP, if revision is required. • Inspect sample chain of custody and survey log for completeness. • Verify that survey and analytical activities conform to the TSP. • Verify that survey instruments are recalibrated after repairs or modifications. • Verify that site activities are being photographed. • Verify that survey documentation is reviewed by the PHP.	
Abbreviations and Acronyms: HASP – Health and Safety Plan NRC – Nuclear Regulatory Commission			PHP – Project Health Physicist RCT – Radiological Control Technician RWP – Radiation Work Permit		SOP – Standard Operating Procedure SSO – Site Safety Officer TSP – Task-specific Plan	

APPENDIX J— HYDROLOGIC MODELING AND CONCEPTUAL GRADING

TETRA TECH

MEMO

To:	Tom Blackman and Lynnette Drake, Lockheed Martin
From:	Mark Sievers and Saurabh Raje, Tetra Tech
Date:	Thursday, May 03, 2018
Subject:	Middle River Complex – Block E: Hydrologic Modeling and Conceptual Grading

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1.0 INTRODUCTION

Tetra Tech is developing of a Soil Remedial Action Plan (RAP) for Block E within Lockheed Martin's Middle River Complex. One component of the remedial action will include at least partial removal of the existing storm drain system and constructing a functional system after remediation is complete. This hydrologic modeling of Block E was prepared to support preparation of the RAP including feasibility study cost estimating of remedial action strategies. This technical memorandum discusses the development of hydrologic models to compare existing pre-remediation conditions with a conceptual model of proposed post-remediation graded site conditions.

Figure 1 shows the area analyzed. The hydrologic analysis was used to compare flows between the pre-remediation scenario (existing) and the conceptual post-restoration scenario (proposed). The analysis included Block E and adjacent parcels that flow into pipe networks carrying stormwater runoff to outfalls 005, 006, and 008. The following sections describe the data sources, drainage area delineation, hydrologic flow computations, observations, and conclusions.

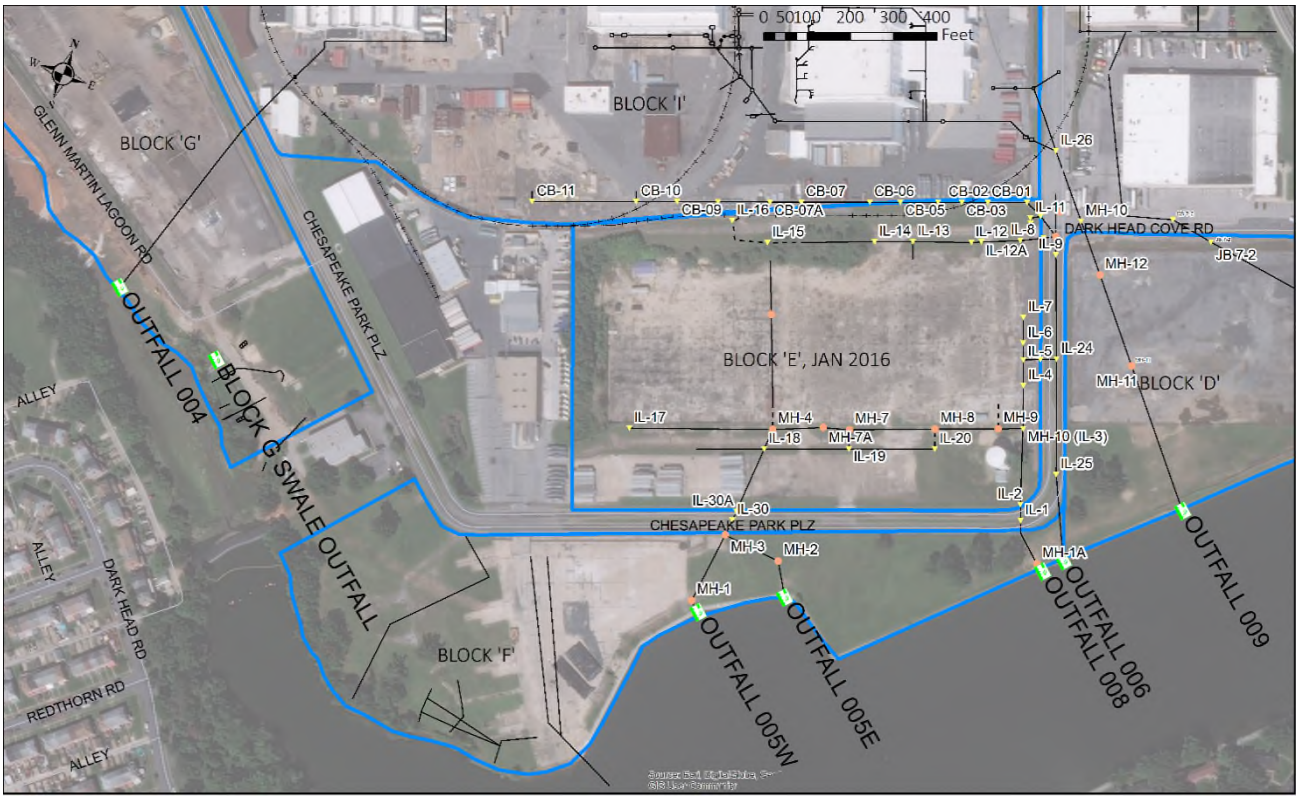
1.1. Data Sources and Assumptions

Tetra Tech has been studying Block E since 2003. Information such as utility layouts, photos, observations during rain events, available plan sets of conveyance system, were obtained and used for the hydrologic analysis. In addition, Tetra Tech collected information related to precipitation, soils, and topography from available external resources.

1.1.1. Stormwater Conveyance

Design and as-built plans were studied in conjunction with known on-site modifications to understand the stormwater conveyance network in Block E and adjacent parcels. Pipe networks conveying flows towards outfalls 005, 006 and 008 were studied. This analysis was used to determine the movement of stormwater from the sub-catchments. At present, flow from Block E is prevented from flowing towards 005 due to physical placement of a plug to prevent migration of impacted sediment that will remain in place until Block E is remediated. Stormwater conveyance pipes in the south and east portions of Block E flow to 006, while the pipes to the north side flows to 008. Figure 1 shows the existing stormwater conveyance network from site plans and geospatial data. Adjacent

parcels flow to outfalls 005, 006, and 008 as shown in Figure 1. The stormwater conveyance network was important to delineate the drainage areas of interest, which were defined as areas within Block E and adjacent parcels with flows that are conveyed to outfalls 005, 006, and 008. Pipes discharging to 005 and 008 are 30-inch pipes. Pipes discharging to 006 are 18-inch from their origin to the inlet in the median of Chesapeake Park Plaza and 24-inch beyond that point.



Note: MH = manhole; IL = inlet; CB = catch-basin: Dashed lines = approx. pipe location

Figure 1. Existing parcel boundaries and stormwater conveyance network.

1.1.2. Precipitation

Precipitation information was obtained from the Precipitation Frequency Data Server (PFDS) hosted by the National Oceanographic and Atmospheric Administration (NOAA) Hydrometeorological Design Studies Center. NOAA Atlas 14 (Volume 2 Version 3) point precipitation frequency estimates were obtained for the Towson station (Latitude: 39.3833, Longitude: -76.5667) in Parkville, Maryland. Table 1 shows the precipitation information over a range of return period events for a 24-hour storm. This precipitation information was used to represent the design storm precipitation depths (inches) at the Middle River Complex. The Towson station is about 8 miles northwest of the Middle River Complex.

Table 1. Precipitation depth (inches) for a 24-hour storm for range of return periods (years).

	Average recurrence interval (years)									
Duration	1	2	5	10	25	50	100	200	500	1,000
24-hr	2.79	3.38	4.34	5.19	6.5	7.66	8.98	10.5	12.8	14.8

Source: https://hdsc.nws.noaa.gov/hdsc/pfds/ Accessed: 03/05/2018

1.1.3. Soils Data

Spatial and tabular soils information for Baltimore County was obtained from the Natural Resources Conservation Service (NRCS) Web Soil Survey (WSS). Table 2 shows the composition of soils within the drainage areas

analyzed. Figure 2 shows the soils information for Block E and adjacent parcels. Most of the area of interest is classified as *Urban (*UR-D in Figure 2). Some adjacent parcels (Blocks D, F, and G) show the presence of hydrologic soils group (HSG) B and C soils. Minor soils in the *Urban* unit are also HSG C. HSG A soils are predominantly sandy loams with high infiltration rates. HSG B soils are mainly silty loam or loam and have moderate infiltration rates. HSG C soils are mainly sandy clay loam and have low infiltration rates. HSG D soils are mainly clay (or have a high-water table) and have very low infiltration rates, meaning they have the highest runoff potential.

Table 2. Soils information including surface runoff characteristics and hydrologic soils group (HSG).

Map symbol and soil name	Pct. of map unit	Surface runoff	HSG
MkB—Mattapex-Urban land complex, 0 to 5 percent slopes			
Mattapex	50%	Medium	C
Urban land	40%	Very High	—
Udorthents, loamy	10%	Medium	A
SfB—Sassafras-Urban land complex, 0 to 5 percent slopes			
Sassafras	45%	Low	B
Urban Land	35%	Very High	D
Hambrook	5%	Low	—
Matapeake	5%	Medium	—
Phalanx	5%	High	B
Woodstown	5%	Low	C
Ur—Urban land, 0 to 8 percent slopes			
Urban land	85%	Very High	D
Udorthents	15%	High	C

Source: https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx Accessed: 04/03/2018



Figure 2. Soils map for Block E and adjacent parcels.

1.1.4. Topographic Information

Topographic information was obtained as 2-foot contour geospatial data from Baltimore County. The topographic contours for parcels adjacent to Block E were well defined. There were no contours within Block E, as Block E originally contained a building that has been demolished. The contours in Block E do not define the areas that are the exposed part of the slab, which was below the original building. Figure 3 shows the topographic information obtained for the area of interest. The northern and western boundaries of Block E are at the 12-foot contour, while the southern and eastern boundaries are at the 10-foot contours, indicating that Block E has a very low slope. This was confirmed in field observations (section 1.2) showing that the areas are fairly flat with very shallow land slopes.

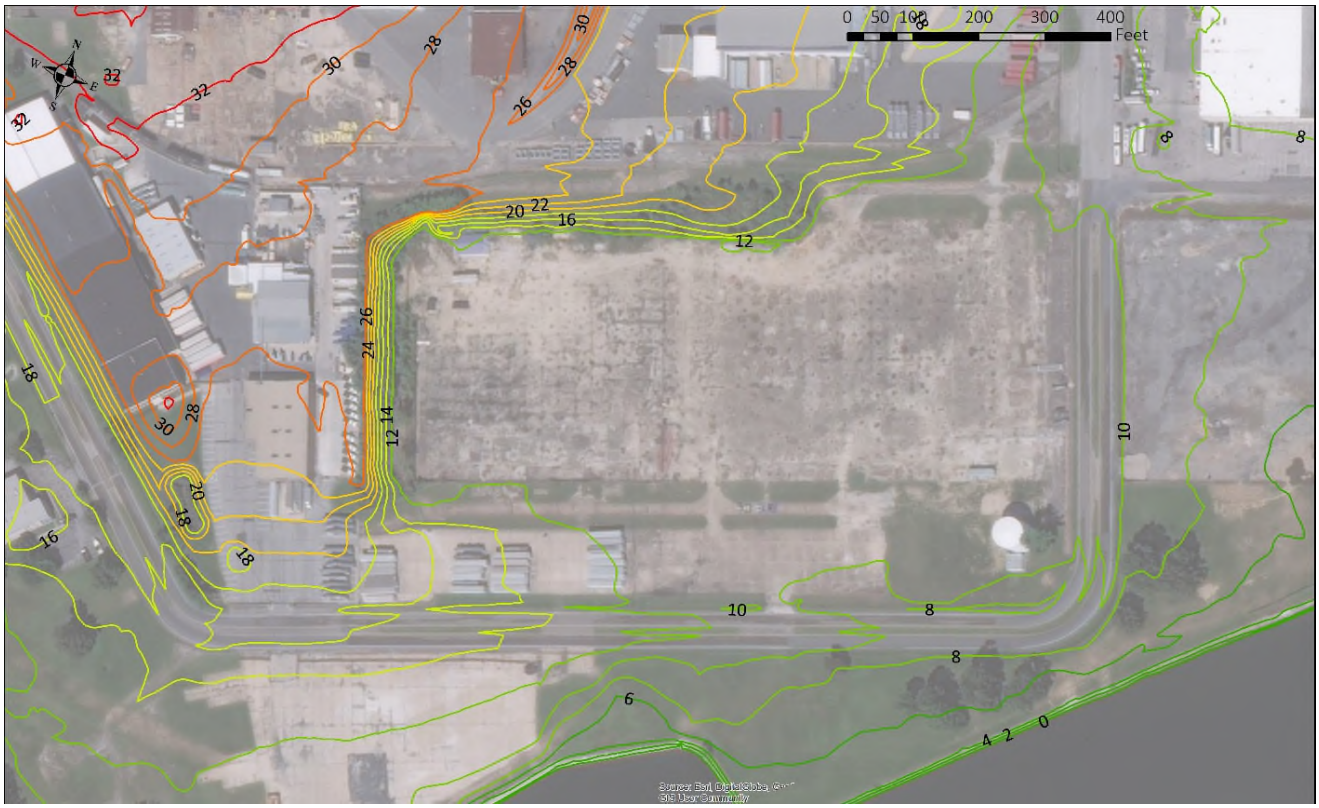


Figure 3. Topographic map of Block E and adjacent parcels with 2-foot contour intervals.

1.2. Site Visit – Observations

On March 19, 2018, Tetra Tech performed a site visit to visually assess Block E and the adjacent parcels. Observations from the site visit related to the hydrologic assessment are listed below.

- Surface channel runs to the south of Block E, with a culvert going under the Block E entrance off Chesapeake Park Plaza from west to east. This culvert is not flowing freely. Culvert exits in an eroded low spot with poor access to the surface channel conveying the flow to the inlet at the southeast corner of Block E. Surface culvert needs to be better defined and graded, along with proper installation of the culvert to provide adequate, efficient conveyance of flows.
- Western edge of the site has soil deposited over the slab from when the building was demolished and the existing soils sloughed onto the building site. Remediation solution of the sloping soils will determine final grading in this area.
- Northwest corner of Block E around the salt shed has formed a local depression and holds standing water. This area will need to be properly graded to allow the runoff to move towards the downstream inlets towards the northeast. The salt shed will be moved to an alternative location on the Middle River Complex prior to remediation.
- There are two surface inlets on the northwest side of Block E. One of the inlets is right at the fence line and is piped to receive flow from Block I. The outflow opening from this inlet has been constricted to a 1-1.5-inch square opening. The other inlet is located on the downslope. The inlet shows signs of erosion in the vicinity.
- Flows from area of Block I immediately northwest of Block E are conveyed through the surface ditch created by the railway tracks. This flow is conveyed along the fence line before it comes across into Block E and flows to the above two inlets.
- Some areas of Block I flow towards the concrete surface ditch that runs within Block I and are collected by inlets that covey flow to the 008 pipe network.

- Further north flows from Block I are carried down the depression in pavement and discharged into inlets that flow to outfall 009.
- Chesapeake Park Plaza has grassed median channel segments with inlets. Runoff from the road flow either towards the roadside channels or the median channels.

2.0 HYDROLOGIC ANALYSIS OF EXISTING CONDITIONS

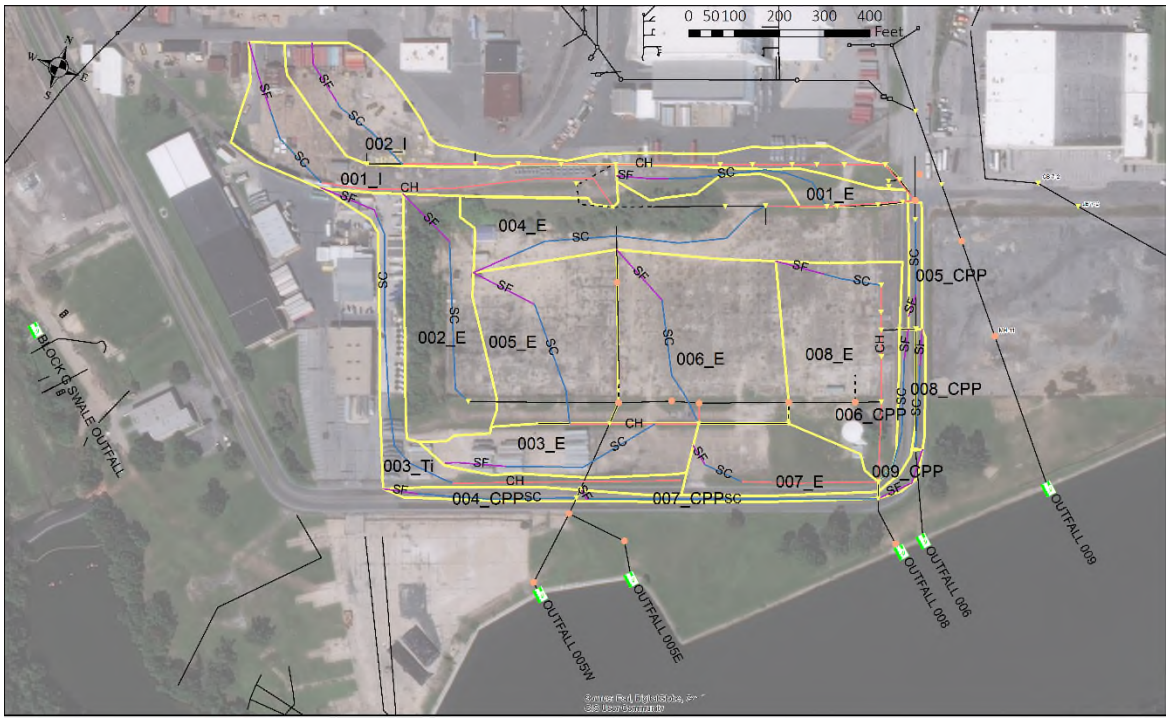
The available topographic information was used to delineate all the sub-watersheds that flow into the stormwater network conveying runoff to outfalls 005, 006, and 008. Observations made during the field visit regarding local conditions—including crests, flow ditches and other flow indicators—were used to refine the delineations. Sub-catchments were separately delineated depending on whether they were within Block E or part of adjacent parcels and roads. Upstream and adjacent sub-catchments were labeled starting with 001 and a suffix characterizing the major parcel, property or road they are on (I = Block I, Ti = Tilley Chemicals, CPP = Chesapeake Park Plaza). Block E sub-catchments were similarly labeled with the suffix E.

Hydraflow Hydrographs Extension for AutoCAD was used for the hydrologic analysis. The TR-55 methodology was used to assess time of concentration (Tc) and runoff curve number (RCN) to assess runoff characteristics. Each delineated sub-catchment was characterized. Spatial imagery was used to delineate pervious areas within the sub-catchments. Using available soils data, RCNs associated with hydrologic soils group C were applied for characterization of sub-catchments. This soil classification is consistent with the average soil conditions noted in the multitude of soil borings completed in Block E. Table 3 shows the land use characteristics applied to the sub-catchments.

Table 3. Land use and runoff curve number applied for sub-catchment characterization.

Area type	Land use	HSG	RCN
Pervious areas	Idle Land - Meadow - Continuous Grass	C	71
Pervious areas	Idle Land - Woods-Grass Combination	C	76
Impervious areas	Paved parking lots, roofs, driveways	C	98
Streets and roads	Streets and Roads - Paved - Open Ditches - Inc. ROW	C	92

Figure 4 shows sub-catchment delineations (yellow outlines), pervious areas, and Tc flow paths. For Tc assessment, the longest flow path for each sub-catchment was established and separated out into components of sheet flow (SF – purple lines in Figure 4), shallow concentrated flow (SC-blue lines) and channel flow (CH-orange lines) as applicable. Sheet flow was limited to a maximum of 150 feet before transitioning to shallow concentrated flow. Shallow concentrated flow continued until the flow part was intercepted by either a defined surface channel or a stormwater inlet. Land slopes for sheet flow and shallow concentrated flow were calculated with spatial tools and available topographic information. Once intercepted by a defined conveyance system, the flow path was considered as channel flow and was calculated based on the appropriate channel type and slope of the conveyance system up to the outlet end. A minimum Tc of 6 minutes (0.1 hours) was used. Table 4 show the Manning's n for sheet flow and channel flow.



Note: SF=sheet flow; SC=shallow concentrated flow; CH=channel flow; yellow=drainage area outlines

Figure 4. Sub-catchment area delineations and time of concentration (Tc) flow paths for existing conditions.

Table 4. Manning's n for sheet flow and channels.

Landuse	Flow Type	Manning's n
Impervious - Paved parking lots, roofs, driveways	Sheet Flow	0.013
Pervious - Meadow - Continuous Grass	Sheet Flow	0.15
Earth Ditch - Fairly Uniform - Grass, some weeds	Channel	0.025
Piped Infrastructure - Concrete Pipes	Channel	0.015

2.1. Upstream Sub-Catchments

Table 5 shows the input characteristics for the hydrologic model for all upstream and adjacent sub-catchments shown in Figure 4. Hydraflow Hydrographs Extension automatically calculates the area-weighted RCN and Tc for each drainage area using the input land use and soils data. Detailed computations of input parameters are included in the Hydraflow Hydrographs input/output report (Attachment A).

Table 5. Runoff curve number (RCN) and time of concentration (Tc) for upstream and adjacent sub-catchments in existing conditions.

Drainage Area ID	Area (acre)	Imp. Area (acre)	Per. Area (acre)	RCN	Slope (%)	Tc (min)	Outfall
001_I	2.054	1.140	0.920	86	1.33	7.2	008
002_I	2.119	1.800	0.320	94	1.80	6.0	008
003_Ti	1.511	1.228	0.283	93	1.60	9.2	006
004_CPP	0.259	-	-	92	0.85	6.0	005
005_CPP	0.187	-	-	92	0.60	6.0	008
006_CPP	0.286	-	-	92	1.05	6.0	006
007_CPP	0.237	-	-	92	0.46	6.0	006
008_CPP	0.126	-	-	92	0.53	6.0	008
009_CPP	0.090	-	-	92	0.63	6.0	006

2.2. Block E – Pre-Restoration Scenario

Table 6 shows the input characteristics for the hydrologic model for all Block E sub-catchments shown in Figure 4. Detailed computations of input parameters are included in the Hydraflow Hydrographs input/output report (Attachment A). For areas within Block E without topographic information, a shallow slope of 0.2% was used for sheet flow computations.

Table 6. Runoff curve number (RCN) and time of concentration (Tc) for Block E sub-catchments in existing conditions.

Drainage Area ID	Area (acre)	Imp. Area (acre)	Per. Area (acre)	RCN	Slope (%)	Tc (min)	Outfall
001_E	0.693	0.268	0.425	82	2.20	6.0	008
002_E	2.049	1.009	1.040	87	9.50	9.7	006
003_E	1.377	1.304	0.073	97	1.90	6.0	006
004_E	3.234	2.155	1.079	90	0.20	15.1	008
005_E	2.433	2.220	0.213	96	0.20	11.0	006
006_E	3.093	2.783	0.310	95	0.20	10.2	006
007_E	1.278	0.623	0.655	84	0.20	6.4	006
008_E	2.417	1.736	0.618	90	0.20	7.9	006

2.3. Results

Although the task required analysis of the 10- and 25-year storms, the 1-, 2-, 50-, and 100-year storm analysis have also been performed to include smaller more frequent storms, as well as larger storms with large average return periods. Peak flows for precipitations events with average return periods of 1-, 2-, 10-, 25-, 50-, and 100-years were computed with Hydraflow Hydrographs. RCN and Tc input parameters were used for the peak flow analysis. Table 7 shows the calculated peak flows for all upstream and adjacent sub-catchments, while Table 8 shows calculated peak flows for all Block E sub-catchments. Runoff from 001_I and 002_I flow through the northern portion of Block E before the stormwater infrastructure.

Table 7. Peak flows for upstream and adjacent sub-catchments calculated by Hydraflow Hydrographs for existing conditions.

	Peak flow (cfs) for average recurrence interval (years)					
Drainage Area ID	1	2	10	25	50	100
001_I	4.849	6.481	11.6	15.32	18.6	22.31
002_I	7.238	9.026	14.45	18.33	21.75	25.62
003_Ti	4.745	5.97	9.686	12.34	14.68	17.33
004_CPP	0.828	1.048	1.718	2.197	2.618	3.096
005_CPP	0.597	0.757	1.24	1.586	1.891	2.235
006_CPP	0.914	1.157	1.897	2.426	2.891	3.418
007_CPP	0.757	0.959	1.572	2.01	2.396	2.833
008_CPP	0.403	0.51	0.836	1.069	1.274	1.506
009_CPP	0.288	0.364	0.597	0.763	0.91	1.076

Table 8. Peak flows for Block E sub-catchments calculated by Hydraflow Hydrographs for existing conditions.

	Peak flow (cfs) for average recurrence interval (years)					
Drainage Area ID	1	2	10	25	50	100
001_E	1.422	1.958	3.721	5.024	6.18	7.492
002_E	5.056	6.695	11.8	15.5	18.75	22.44
003_E	5.089	6.224	9.68	12.17	14.37	16.87
004_E	7.256	9.376	15.88	20.55	24.66	29.31
005_E	7.684	9.465	14.87	18.76	22.18	26.07
006_E	9.503	11.79	18.71	23.68	28.05	33.02
007_E	2.903	3.945	7.255	9.677	11.82	14.24
008_E	6.794	8.761	14.79	19.11	22.91	27.21

Tetra Tech calculated the combined flows for sub-catchments contributing to each of the outfalls using Hydraflow Hydrographs. It was assumed that time lag of the sub-catchment flows once they had entered the stormwater conveyance network was minimal. All runoff within Block E that could flow to 005 was diverted towards 006. Only runoff from sub-catchment 004_MB on the south side of Chesapeake Park Plaza is modeled to flow to 005. The outfalls that receive flow from the upstream sub-catchments are show in Table 5, while the outfalls that receive flow from the Block E sub-catchments are shown in Table 6. Table 9 shows the combined flows at each of the outfalls which include flows from Block E, as well as upstream and adjacent sub-catchments.

Table 9. Existing conditions - peak flows at outfalls 005, 006 and 008.

	Peak Flow (cfs) for Average recurrence interval (years)					
ID	1	2	10	25	50	100
005	0.828	1.048	1.718	2.197	2.618	3.096
006	42.59	53.9	88.54	113.45	135.4	160.27
008	20.53	26.56	45.19	58.64	70.49	83.91

3.0 PROPOSED GRADING OF BLOCK E

Tetra Tech developed a conceptual plan for proposed post-remediation grading for Block E. Field observations and input, existing topographic information, and existing layouts of stormwater conveyance network were used to define the proposed regrading.

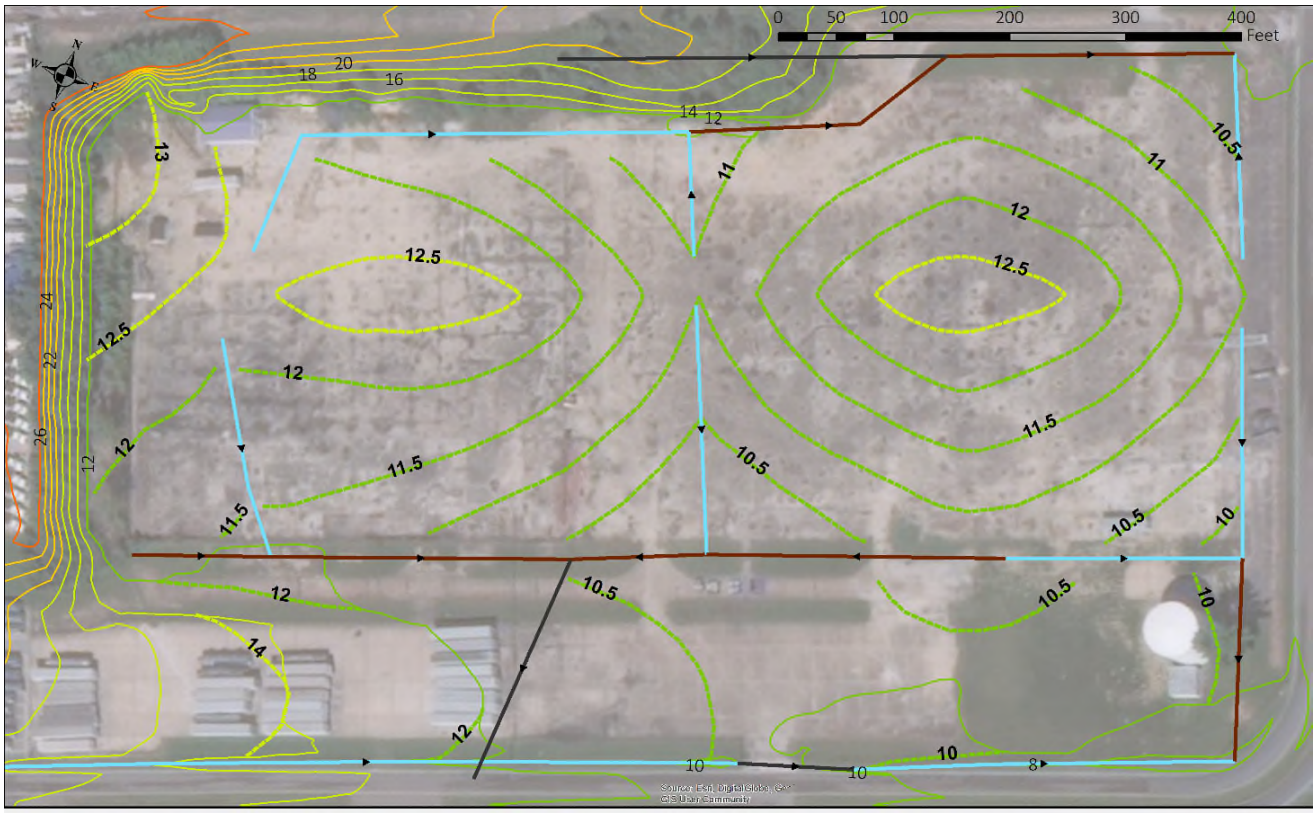
3.1. Grading Assumptions

The following assumptions were made during the development of proposed flow patterns and contour elevations.

- Proposed locations for establishing conveyance network is provided. Calculations and sizing of stormwater conveyance including proposed pipe network and surface channels were not part of the scope of work and are not included.
- Flows from Block E towards 005 will be reestablished post-remediation. This will help balance flows between stormwater conveyance discharging to 005 and 006.
- There is no proposed function for use of Block E after remediation at this time, all concrete slab surfaces will be removed and the Block E surface will be converted to a pervious grass meadow.
- Excavation for remediation will be approximately 2-feet from existing surface of the exposed slab of Block E. Deeper excavation will only occur only in areas around former Transformer Rooms 2, 3, and 4 and where existing stormwater conveyance pipe network will have to be removed.
- A cut and fill approach is not feasible because of the potential of contamination in the existing soils available to use as fill. Grading is developed to optimize quantity of fill material brought in from off-site, while providing adequate surface slopes for sheet flow of runoff.
- Shoring solutions put in place for remediation of western and northern edges of the Block E parcel may affect grading tie-ins in those areas.
- Contours at the eastern edge will tie back to elevations at the edge of the fence.

3.2. Development of Conceptual Grading Plan

A preliminary sketch illustrating flow directions for a proposed grading option was developed. A two-peak grade was selected as it could potentially minimize the amount of fill material needed after remediation. Figure 5 shows the proposed grading for Block E. In the figure, the blue channel lines illustrate surface channels and brown lines illustrate a combination of surface channel with inlets and pipes. A grade slope of 1% was defined for the proposed plan to provide proper constructability. This grade will optimize fill quantities while providing adequate, non-erosive flow paths for sheet flow and surface ditches. In this approach, 10 feet is the lowest contour elevation for the grading not within the surface channel. The removal of the existing stormwater infrastructure will create deep excavations. The paths of the proposed conveyance system will overlay these areas. Proposed channel elevations can be set between 10 feet and the excavation depths during design of conveyance network.

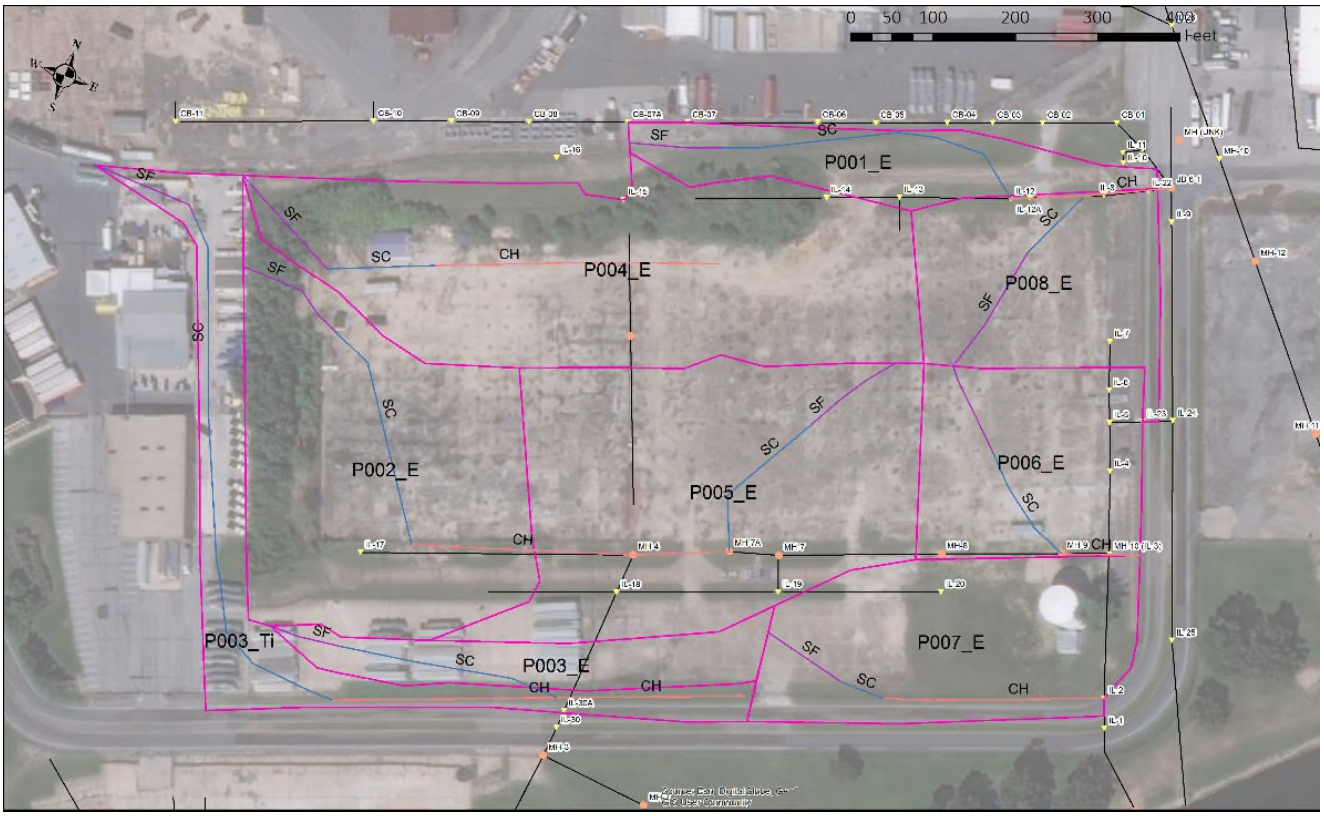


Note: blue lines=surface channel; brown=combination of surface channel with inlets; dark gray=pipes

Figure 5. Conceptual grading contours and conveyance for Block E.

4.0 HYDROLOGIC ANALYSIS OF PROPOSED CONDITIONS

Hydrologic analysis of proposed grading was performed based on this grading plan. The analysis was performed as the existing conditions (section 2.0). There were no changes to delineated upstream and adjacent sub-catchments. Block E sub-catchments were re-delineated per the flow patterns and contours of the proposed plan. The RCN associated with hydrologic soils group C were applied for characterization of sub-catchments. The remediated areas of Block E were modeled as a Meadow-Continuous Grass land use. Table 3 and Table 4 show the land use and flow characteristics applied to the sub-catchments. Figure 6 shows the sub-catchment delineations for Block E for proposed grading plan.



Note: SF=sheet flow; SC=shallow concentrated flow; CH=channel flow; pink=drainage area outlines

Figure 6. New sub-catchment area delineations and time of concentration (Tc) flow paths for Block E proposed regrading.

4.1. Upstream Sub-Catchments

There were no modifications made to the upstream and adjacent areas. These sub-catchments were modeled identical to existing conditions discussed in section 2.1.

4.2. Block E – Post-Restoration Scenario

Block E sub-catchments were labeled starting from P001 along with the suffix E. Table 10 shows the input characteristics for the hydrologic model for all Block E sub-catchments shown in Figure 6. Hydraflow Hydrographs Extension automatically calculates the area-weighted RCN and Tc for each drainage area using the input land use and soils data. Flow from P002_E and P005_E is directed to outfall 005. Detailed computations of input parameters are included in the Hydraflow Hydrographs input/output report (Attachment B).

Table 10. Runoff curve number (RCN) and time of concentration (Tc) for Block E sub-catchments in proposed conditions.

Drainage Area ID	Area (acre)	RCN	Tc (min)	Outfall
P001_E	0.963	71	14.0	008
P002_E	2.975	71	13.7	005
P003_E	0.759	71	12.0	006
P004_E	3.695	71	11.0	008
P005_E	3.366	71	17.5	005
P006_E	1.437	71	16.2	006
P007_E	1.930	71	28.3	006
P008_E	1.440	71	19.0	008

4.3. Results

Peak flows for precipitations events with average recurrence intervals of 1-, 2-, 10-, 25-, 50-, and 100-years were computed with Hydraflow Hydrographs. RCN and Tc input parameters were used for the peak flow analysis. Table 7 in section 2.3 shows the calculated peak flows for all upstream and adjacent sub-catchments, while Table 11 shows calculated peak flows for all Block E sub-catchments.

Table 11. Peak flows for Block E sub-catchments calculated by Hydraflow Hydrographs for proposed conditions.

	Peak flow (cfs) for average recurrence interval (years)					
Drainage Area ID	1	2	10	25	50	100
P001_E	0.694	1.131	2.724	4.018	5.21	6.596
P002_E	2.145	3.495	8.416	12.41	16.09	20.38
P003_E	0.638	1.035	2.458	3.622	4.694	5.941
P004_E	3.104	5.037	11.97	17.63	22.85	28.92
P005_E	2.184	3.596	8.716	12.89	16.75	21.24
P006_E	1.036	1.688	4.065	5.995	7.774	9.842
P007_E	0.946	1.581	3.891	5.764	7.506	9.539
P008_E	0.934	1.538	3.729	5.516	7.165	9.085

Tetra Tech calculated the combined flows for sub-catchments contributing to each of the outfalls using Hydraflow Hydrographs. Tetra Tech assumed that time lag of the sub-catchment flows once they had entered the stormwater conveyance network was minimal. All runoff within Block E is now distributed between 005, 006, and 008. Table 5 and Table 10 show the outfalls to which each of the upstream and Block E sub-catchments flow respectively. Table 12 shows the combined flows at each of the outfalls.

Table 12. Proposed Conditions - peak flows at outfalls 005, 006 and 008.

	Peak Flow (cfs) for average recurrence interval (years)					
ID	1	2	10	25	50	100
005	4.477	7.308	17.51	25.8	33.44	42.33
006	8.273	11.28	21.33	29.04	36.03	44.14
008	16.4	22.62	43.39	59.28	73.64	90.17

5.0 CONCLUSIONS

Conclusions were formed based on analysis of existing and proposed scenarios discussed in the preceding sections.

- Due to the closing of flows towards outfall 005, most of flows from Block E are directed towards outfall 006. Pipes to outfall 006 are smaller in size than those flowing to 005 and 008.
- Returning flow through 005 after remediation will provide a better distribution of flows out of Block E.
- Impervious areas within Block E will be converted to pervious meadows with continuous grass cover. This will reduce the surface runoff flows and volumes out of Block E.
- The removal of the existing stormwater infrastructure will create deep excavations. The paths of the proposed conveyance system will overlay these areas.
- Proposed 1% slope for grading will provide good constructability, while maintaining optimum fill quantities throughout Block E. The grading will develop adequate sheet flows and reduce potential of stagnation.

Attachment A: Hydraflow Hydrographs for Pre-Remediation Scenarios

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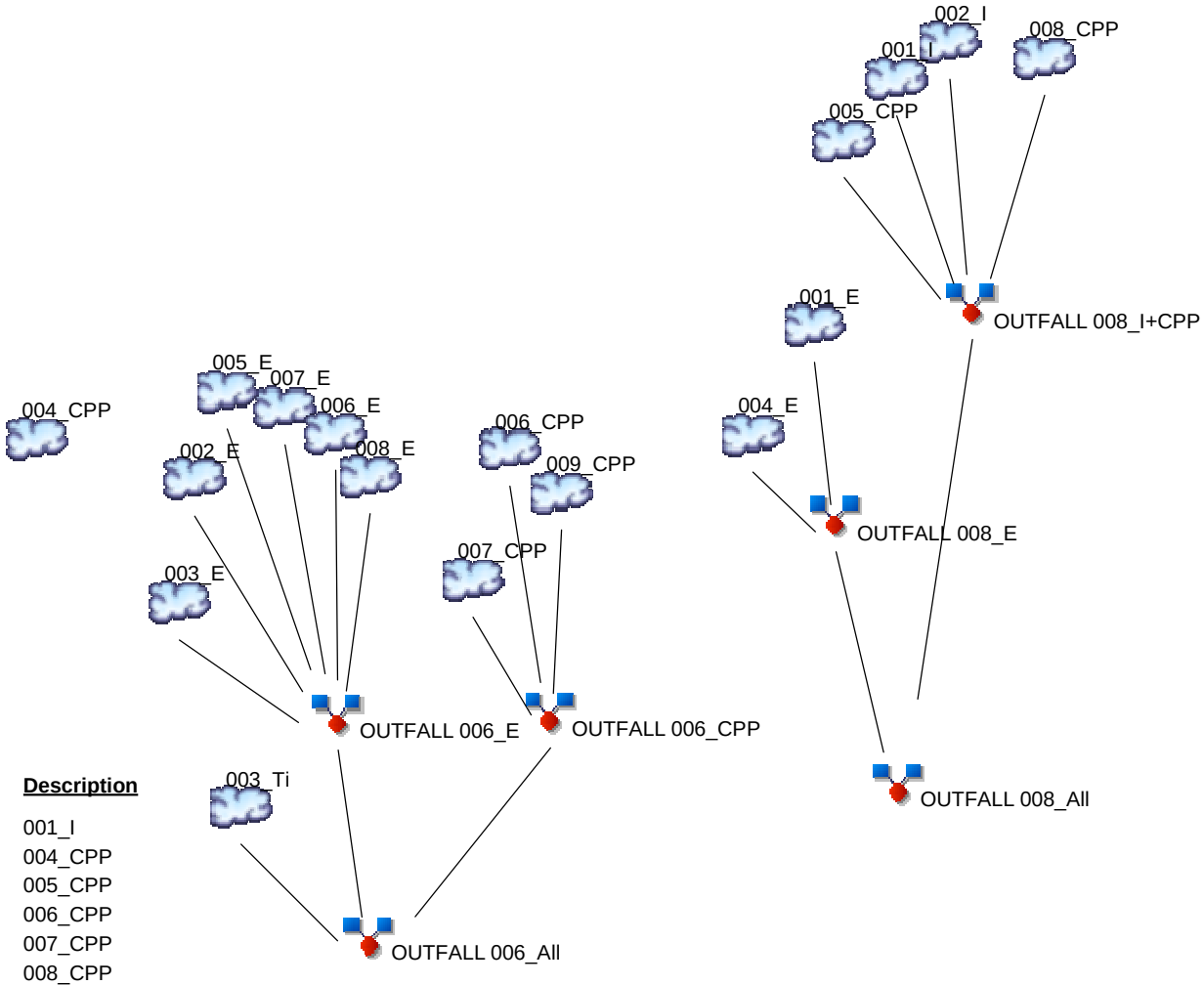
Watershed Model Schematic

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5



Legend

Hyd.	Origin	Description
1	SCS Runoff	001_I
2	SCS Runoff	004_CPP
3	SCS Runoff	005_CPP
4	SCS Runoff	006_CPP
5	SCS Runoff	007_CPP
6	SCS Runoff	008_CPP
7	SCS Runoff	009_CPP
8	SCS Runoff	002_I
9	SCS Runoff	003_Ti
10	SCS Runoff	001_E
11	SCS Runoff	002_E
12	SCS Runoff	003_E
13	SCS Runoff	004_E
14	SCS Runoff	005_E
15	SCS Runoff	006_E
16	SCS Runoff	007_E
17	SCS Runoff	008_E
18	Combine	OUTFALL 008_I+CPP
19	Combine	OUTFALL 008_E
20	Combine	OUTFALL 006_E
21	Combine	OUTFALL 006_CPP
22	Combine	OUTFALL 008_All
23	Combine	OUTFALL 006_All

Hydrograph Return Period Recap

Hyd. No.	Hydrograph type (origin)	Inflow hyd(s)	Peak Outflow (cfs)								Hydrograph Description
			1-yr	2-yr	3-yr	5-yr	10-yr	25-yr	50-yr	100-yr	
1	SCS Runoff	------	4.849	6.481	-------	-------	11.60	15.32	18.60	22.31	001_I
2	SCS Runoff	------	0.828	1.048	-------	-------	1.718	2.197	2.618	3.096	004_CPP
3	SCS Runoff	------	0.597	0.757	-------	-------	1.240	1.586	1.891	2.235	005_CPP
4	SCS Runoff	------	0.914	1.157	-------	-------	1.897	2.426	2.891	3.418	006_CPP
5	SCS Runoff	------	0.757	0.959	-------	-------	1.572	2.010	2.396	2.833	007_CPP
6	SCS Runoff	------	0.403	0.510	-------	-------	0.836	1.069	1.274	1.506	008_CPP
7	SCS Runoff	------	0.288	0.364	-------	-------	0.597	0.763	0.910	1.076	009_CPP
8	SCS Runoff	------	7.238	9.026	-------	-------	14.45	18.33	21.75	25.62	002_I
9	SCS Runoff	------	4.745	5.970	-------	-------	9.686	12.34	14.68	17.33	003_Ti
10	SCS Runoff	------	1.422	1.958	-------	-------	3.721	5.024	6.180	7.492	001_E
11	SCS Runoff	------	5.056	6.695	-------	-------	11.80	15.50	18.75	22.44	002_E
12	SCS Runoff	------	5.089	6.224	-------	-------	9.680	12.17	14.37	16.87	003_E
13	SCS Runoff	------	7.256	9.376	-------	-------	15.88	20.55	24.66	29.31	004_E
14	SCS Runoff	------	7.684	9.465	-------	-------	14.87	18.76	22.18	26.07	005_E
15	SCS Runoff	------	9.503	11.79	-------	-------	18.71	23.68	28.05	33.02	006_E
16	SCS Runoff	------	2.903	3.945	-------	-------	7.255	9.677	11.82	14.24	007_E
17	SCS Runoff	------	6.794	8.761	-------	-------	14.79	19.11	22.91	27.21	008_E
18	Combine	1, 3, 6,	12.80	16.39	-------	-------	27.44	35.40	42.41	50.36	OUTFALL 008_I+CPP
19	Combine	8, 10, 13,	8.123	10.61	-------	-------	18.30	23.85	28.73	34.25	OUTFALL 008_E
20	Combine	11, 12, 14,	35.95	45.53	-------	-------	74.95	96.12	114.78	135.92	OUTFALL 006_E
21	Combine	15, 16, 17, 4, 5, 7,	1.959	2.480	-------	-------	4.066	5.200	6.197	7.327	OUTFALL 006_CPP
22	Combine	18, 19,	20.53	26.56	-------	-------	45.19	58.64	70.49	83.91	OUTFALL 008_All
23	Combine	9, 20, 21,	42.59	53.90	-------	-------	88.54	113.45	135.40	160.27	OUTFALL 006_All

Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	4.849	2	718	11,098	------	------	------	001_I
2	SCS Runoff	0.828	2	716	1,731	------	------	------	004_CPP
3	SCS Runoff	0.597	2	716	1,250	------	------	------	005_CPP
4	SCS Runoff	0.914	2	716	1,911	------	------	------	006_CPP
5	SCS Runoff	0.757	2	716	1,584	------	------	------	007_CPP
6	SCS Runoff	0.403	2	716	842	------	------	------	008_CPP
7	SCS Runoff	0.288	2	716	601	------	------	------	009_CPP
8	SCS Runoff	7.238	2	716	15,493	------	------	------	002_I
9	SCS Runoff	4.745	2	718	11,257	------	------	------	003_Ti
10	SCS Runoff	1.422	2	718	2,855	------	------	------	001_E
11	SCS Runoff	5.056	2	718	11,587	------	------	------	002_E
12	SCS Runoff	5.089	2	716	11,508	------	------	------	003_E
13	SCS Runoff	7.256	2	722	20,489	------	------	------	004_E
14	SCS Runoff	7.684	2	720	21,337	------	------	------	005_E
15	SCS Runoff	9.503	2	720	25,965	------	------	------	006_E
16	SCS Runoff	2.903	2	716	5,860	------	------	------	007_E
17	SCS Runoff	6.794	2	718	15,744	------	------	------	008_E
18	Combine	12.80	2	718	28,682	1, 3, 6, 8,	------	------	OUTFALL 008_I+CPP
19	Combine	8.123	2	720	23,343	10, 13,	------	------	OUTFALL 008_E
20	Combine	35.95	2	718	92,001	11, 12, 14, 15, 16, 17,	------	------	OUTFALL 006_E
21	Combine	1.959	2	716	4,096	4, 5, 7,	------	------	OUTFALL 006_CPP
22	Combine	20.53	2	718	52,026	18, 19,	------	------	OUTFALL 008_All
23	Combine	42.59	2	718	107,354	9, 20, 21,	------	------	OUTFALL 006_All

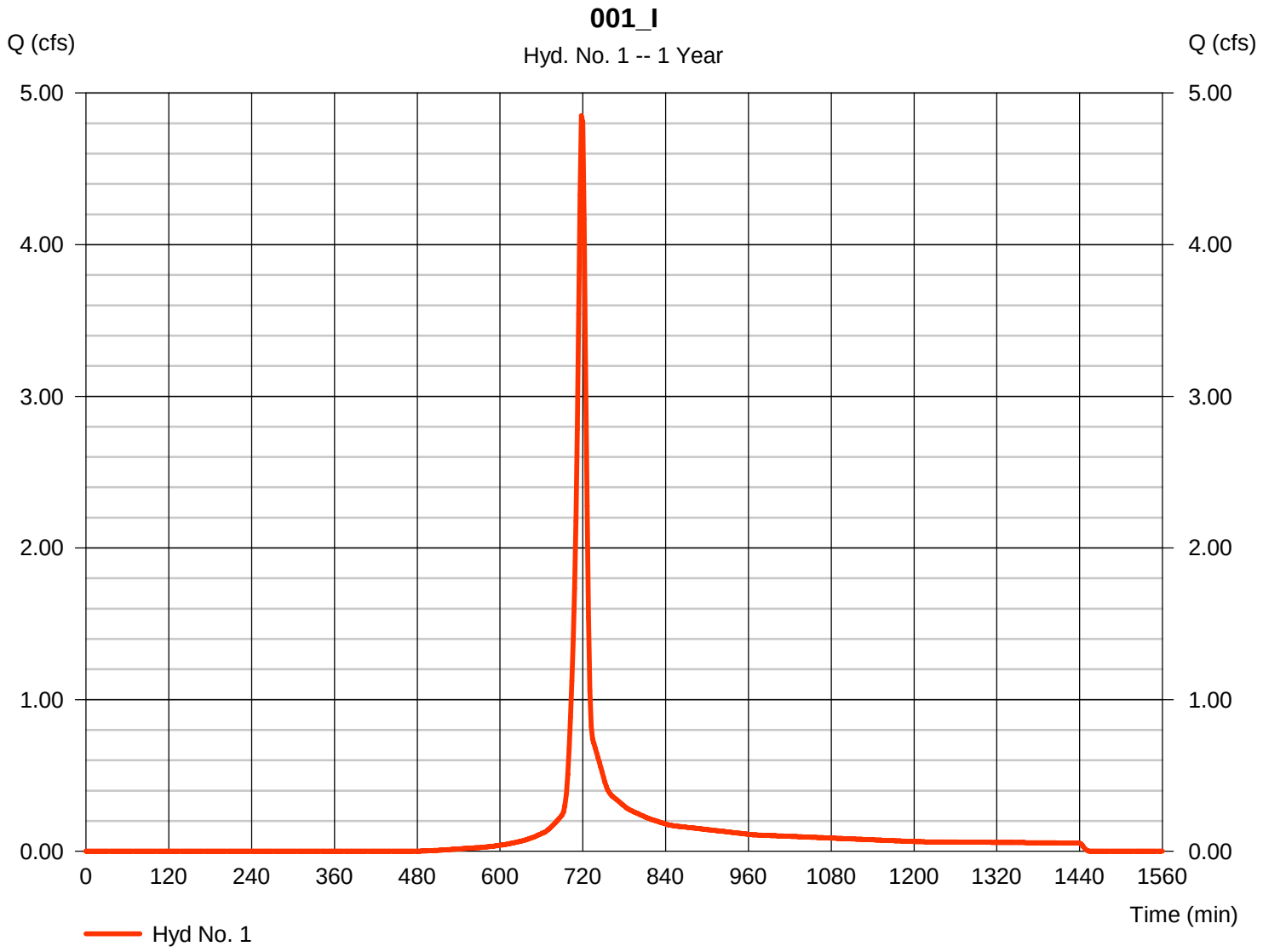
Hydrograph Report

Hyd. No. 1

001_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	4.849 cfs
Storm frequency	=	1 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	11,098 cuft
Drainage area	=	2.060 ac	Curve number	=	86*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	7.20 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.140 x 98) + (0.860 x 71) + (0.060 x 71)] / 2.060



TR55 Tc Worksheet

Hyd. No. 1

001_I

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.013		0.011		0.011		
Flow length (ft)	= 150.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.19		0.00		0.00		
Land slope (%)	= 1.33		0.00		0.00		
Travel Time (min)	**= 2.26**	**+**	**0.00**	**+**	**0.00**	**=**	**2.26**
Shallow Concentrated Flow							
Flow length (ft)	= 207.00		0.00		0.00		
Watercourse slope (%)	= 1.50		0.00		0.00		
Surface description	= Paved		Paved		Paved		
Average velocity (ft/s)	=2.49		0.00		0.00		
Travel Time (min)	**= 1.39**	**+**	**0.00**	**+**	**0.00**	**=**	**1.39**
Channel Flow							
X sectional flow area (sqft)	= 1.00		0.00		0.00		
Wetted perimeter (ft)	= 3.00		0.00		0.00		
Channel slope (%)	= 1.26		0.00		0.00		
Manning's n-value	= 0.025		0.015		0.015		
Velocity (ft/s)	=3.20						
			0.00				
					0.00		
Flow length (ft)	({0})680.0		0.0		0.0		
Travel Time (min)	**= 3.54**	**+**	**0.00**	**+**	**0.00**	**=**	**3.54**

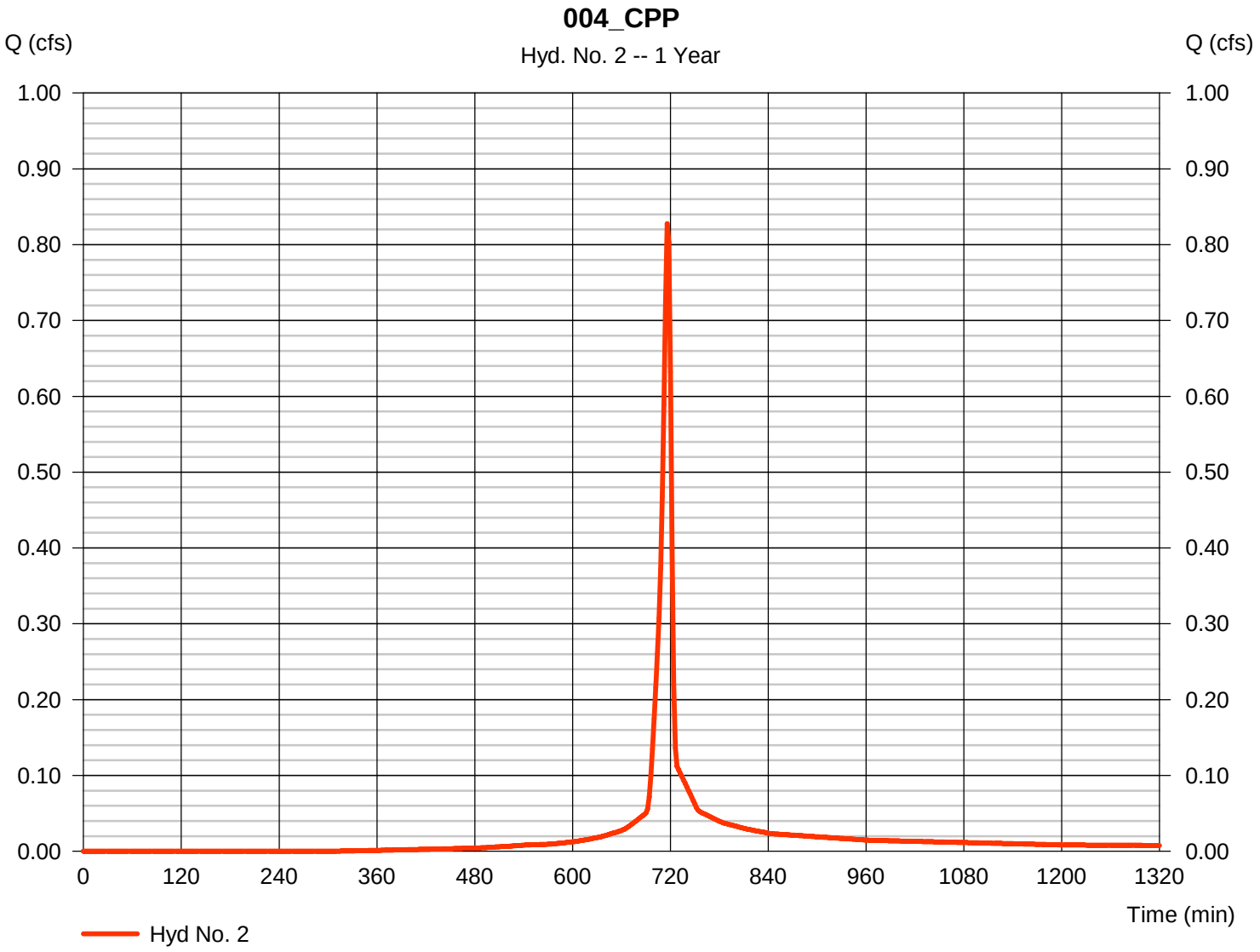
Total Travel Time, Tc ..... 7.20 min

Hydrograph Report

Hyd. No. 2

004_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.828 cfs
Storm frequency	=	1 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	1,731 cuft
Drainage area	=	0.259 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

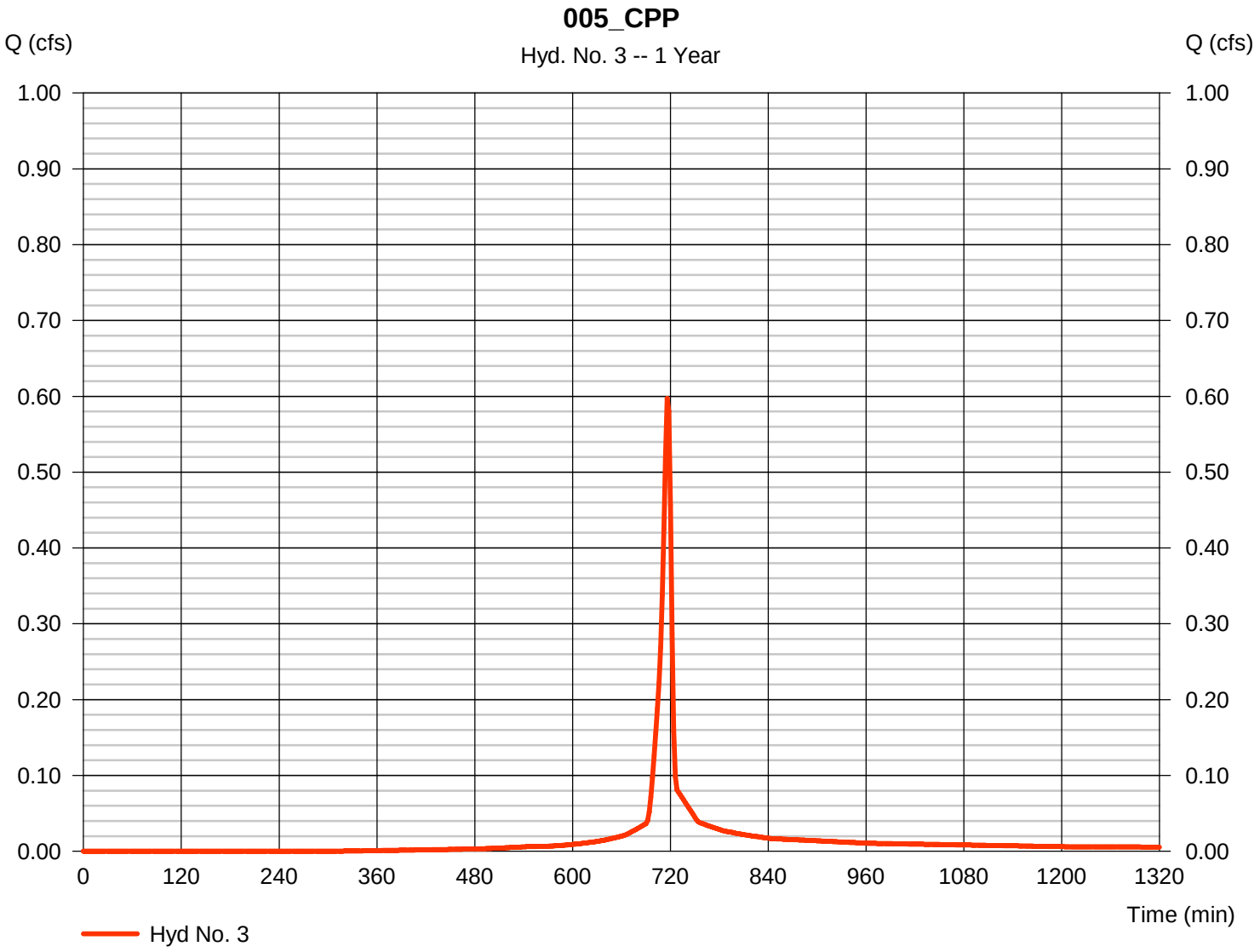


Hydrograph Report

Hyd. No. 3

005_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.597 cfs
Storm frequency	=	1 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	1,250 cuft
Drainage area	=	0.187 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

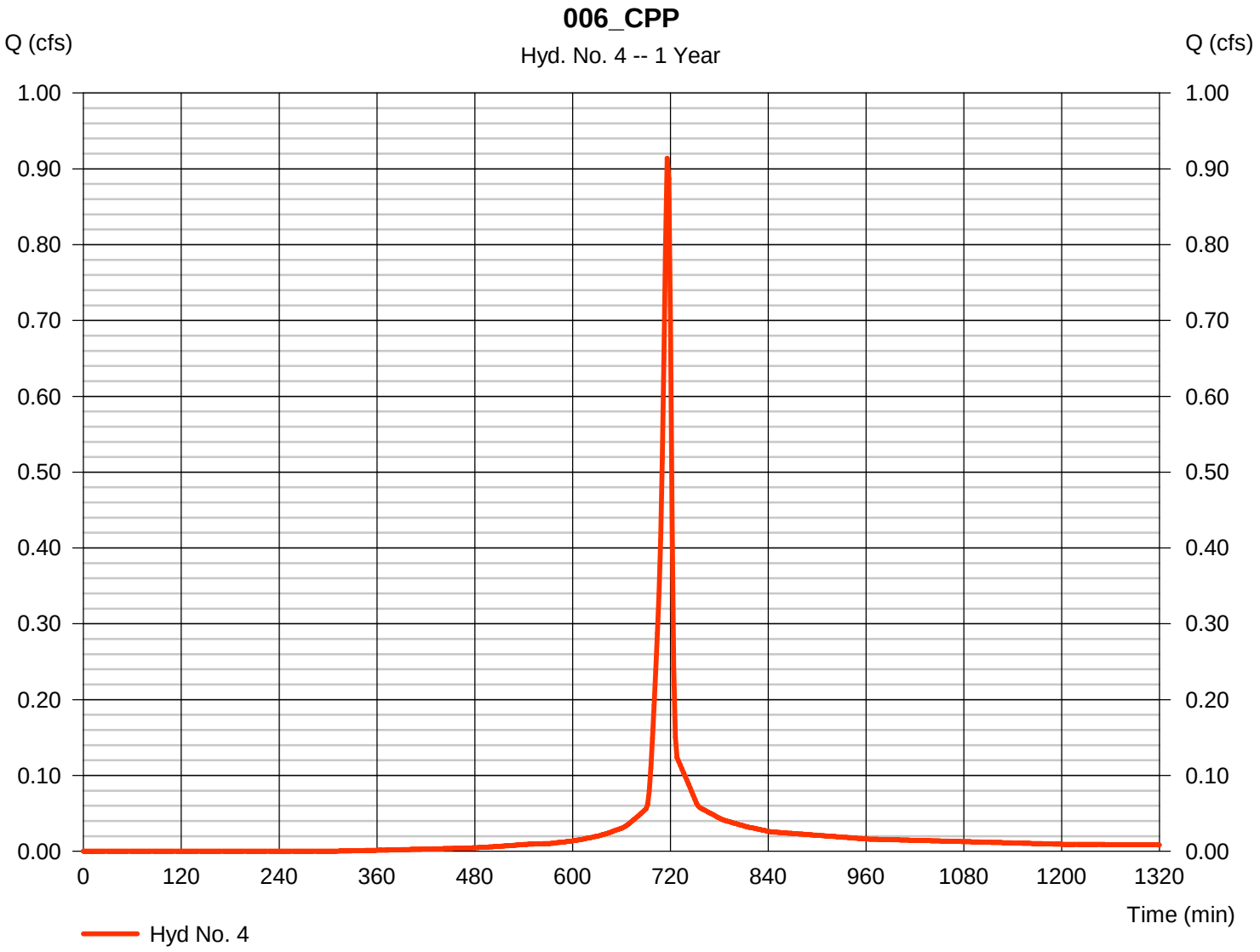


Hydrograph Report

Hyd. No. 4

006_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.914 cfs
Storm frequency	=	1 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	1,911 cuft
Drainage area	=	0.286 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

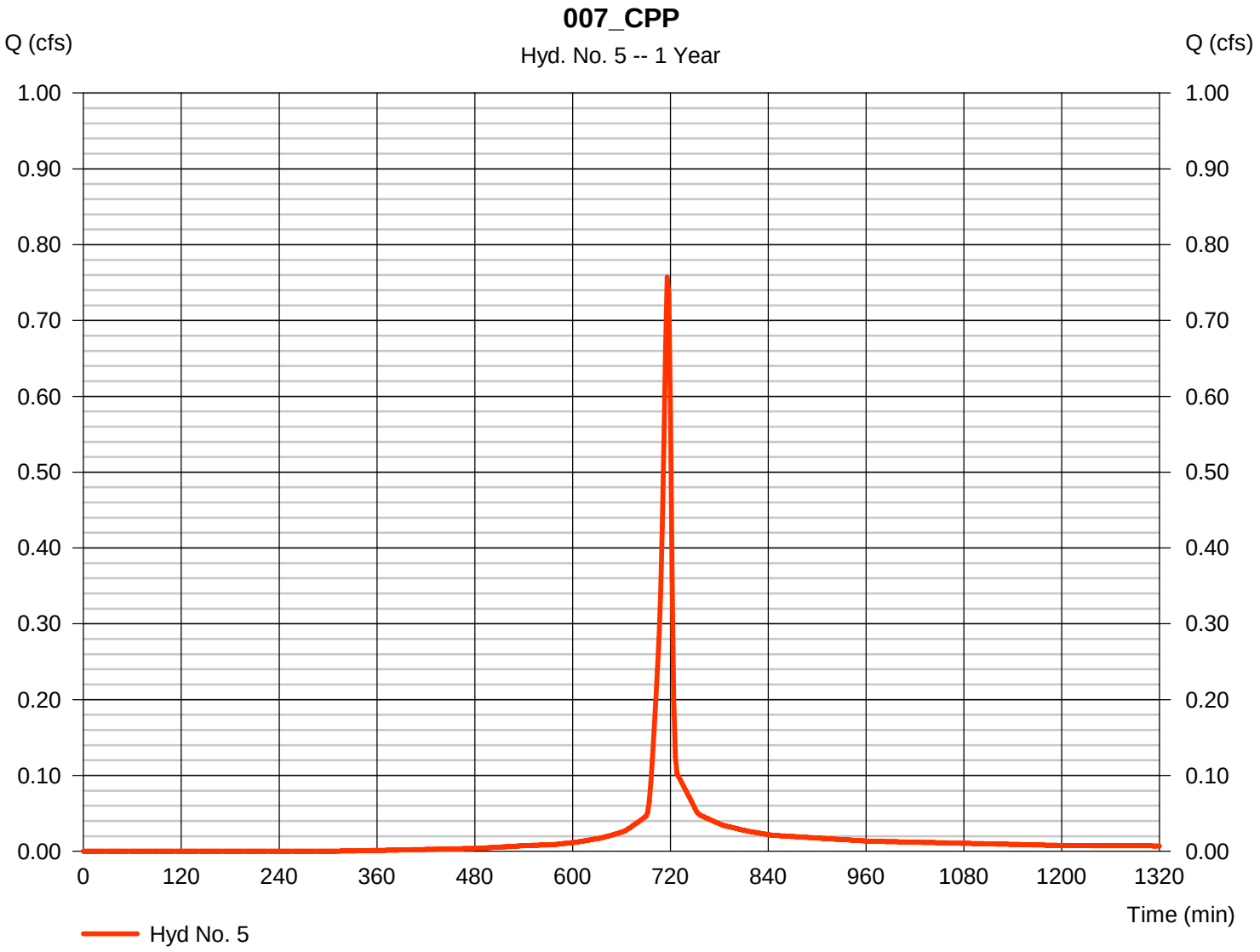


Hydrograph Report

Hyd. No. 5

007_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.757 cfs
Storm frequency	=	1 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	1,584 cuft
Drainage area	=	0.237 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

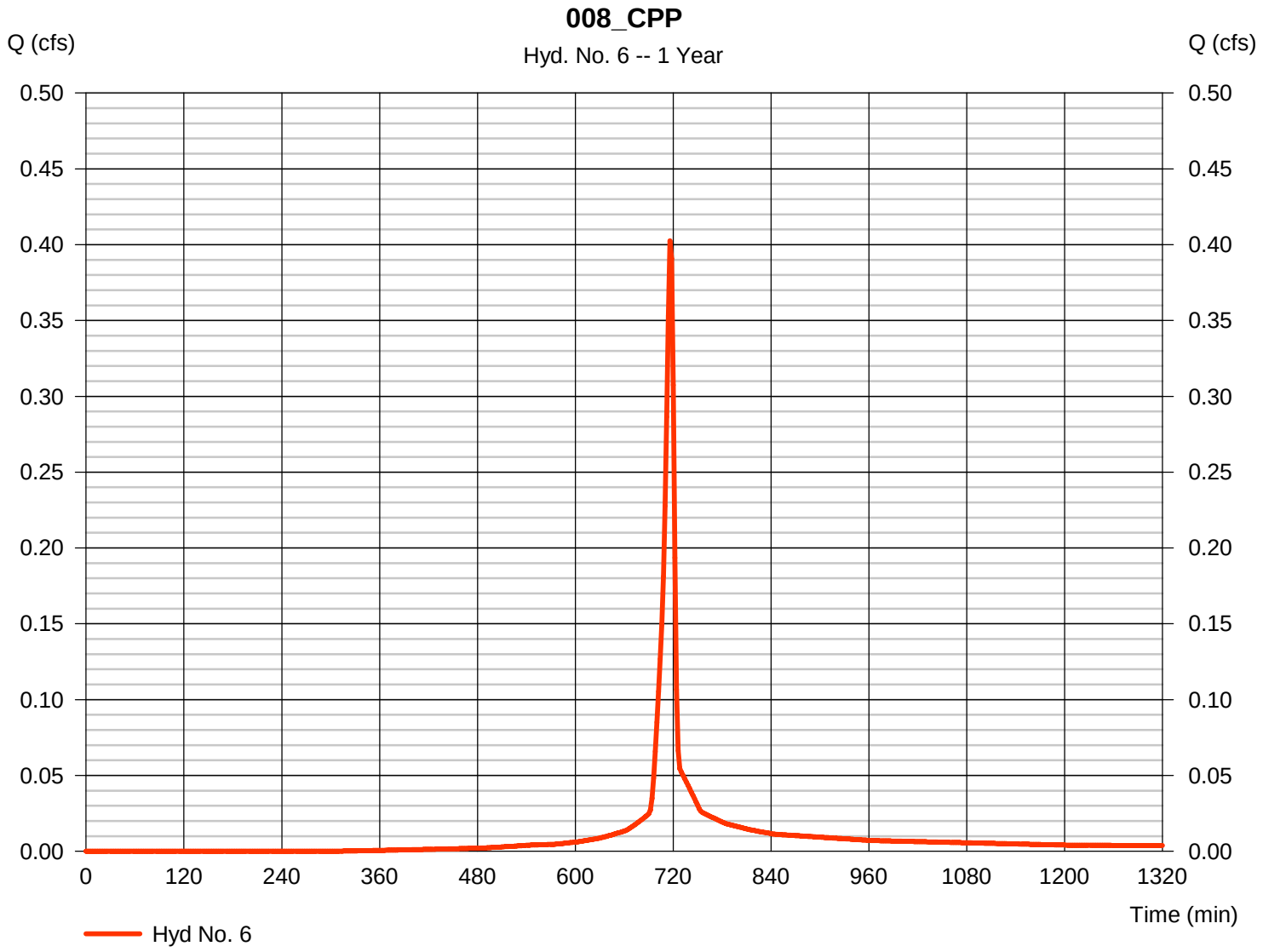


Hydrograph Report

Hyd. No. 6

008_CPP

Hydrograph type	= SCS Runoff	Peak discharge	= 0.403 cfs
Storm frequency	= 1 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 842 cuft
Drainage area	= 0.126 ac	Curve number	= 92
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 6.00 min
Total precip.	= 2.79 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

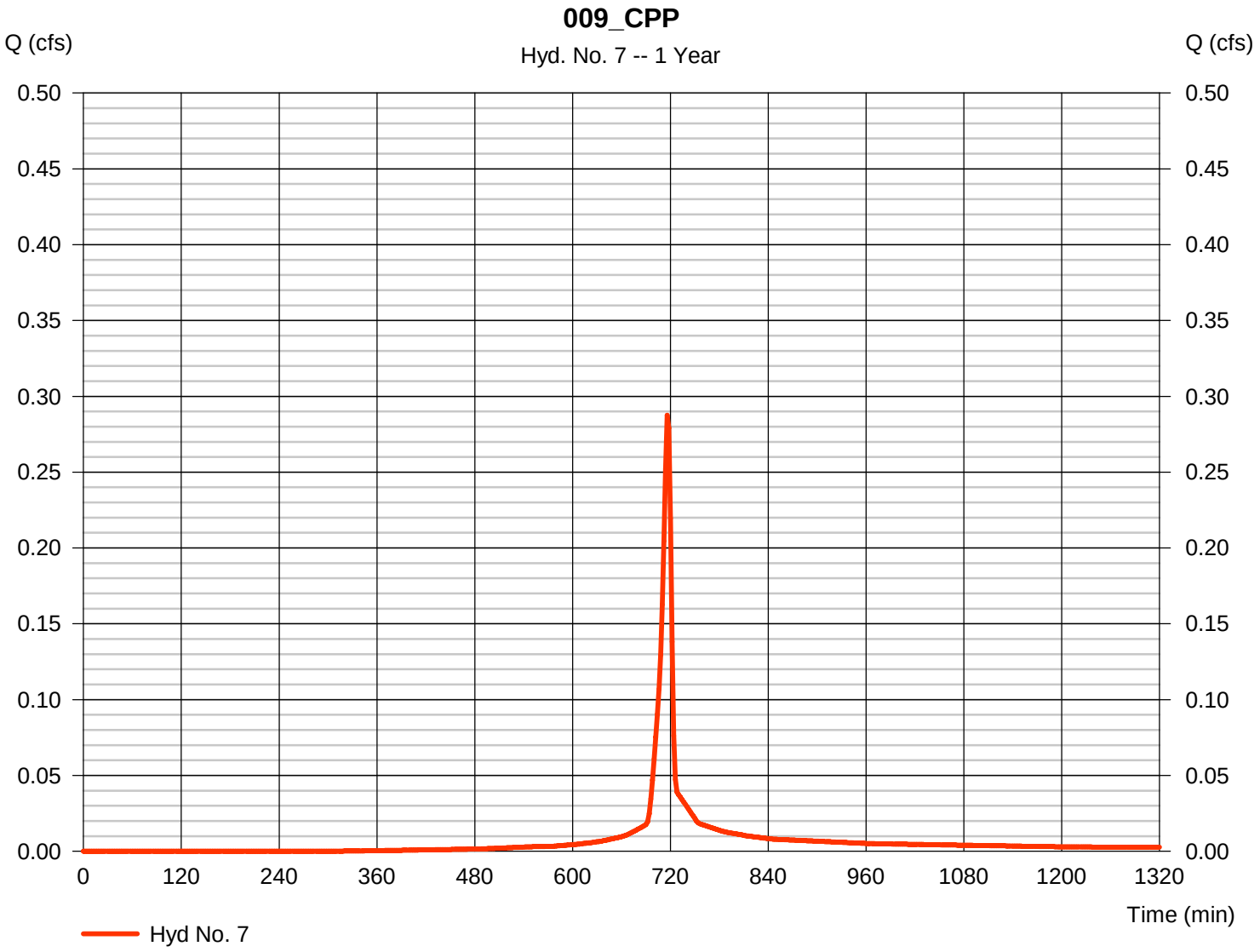


Hydrograph Report

Hyd. No. 7

009_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.288 cfs
Storm frequency	=	1 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	601 cuft
Drainage area	=	0.090 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484



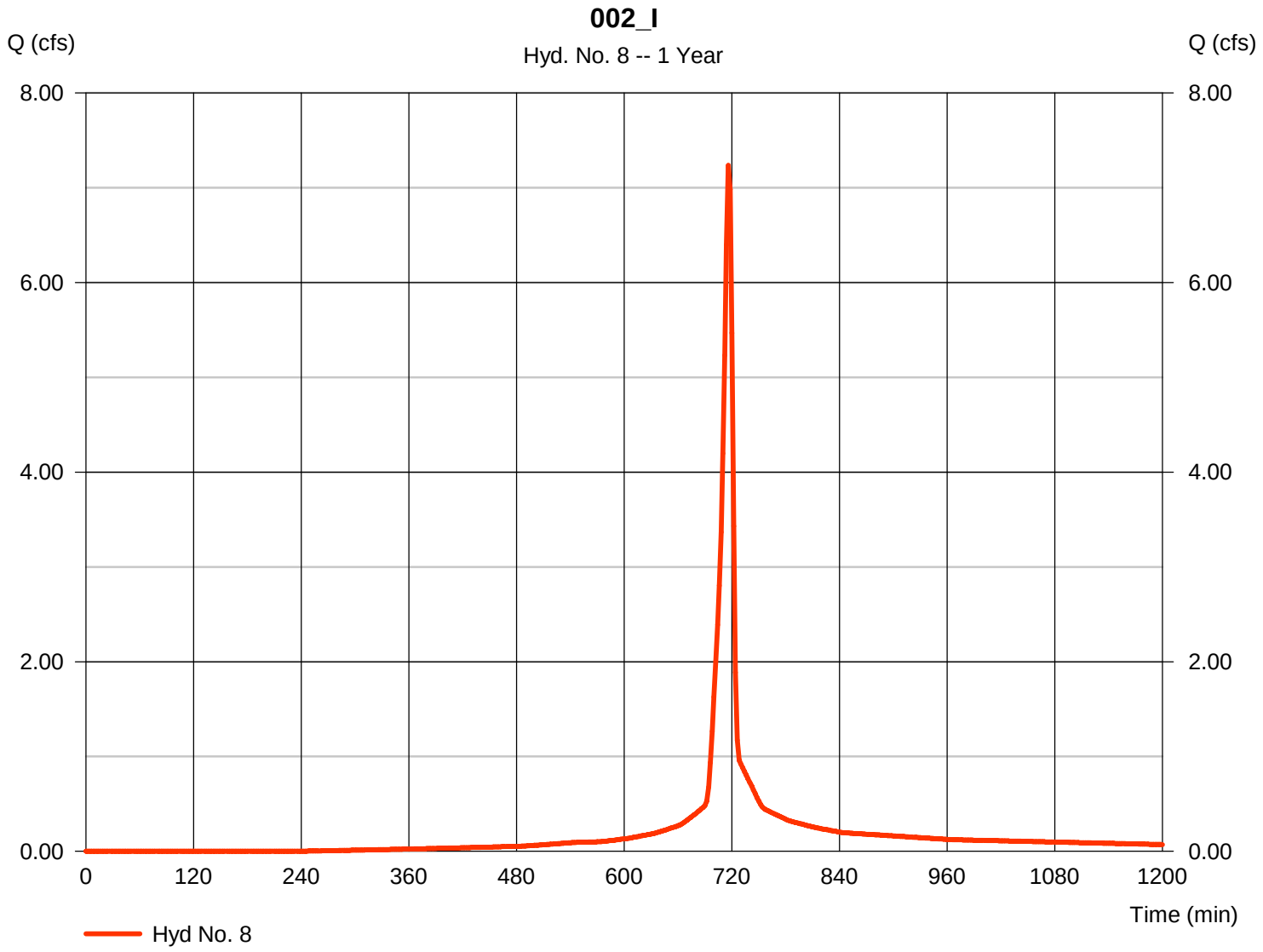
Hydrograph Report

Hyd. No. 8

002_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	7.238 cfs
Storm frequency	=	1 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	15,493 cuft
Drainage area	=	2.120 ac	Curve number	=	94*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.802 x 98) + (0.192 x 71) + (0.125 x 71)] / 2.120



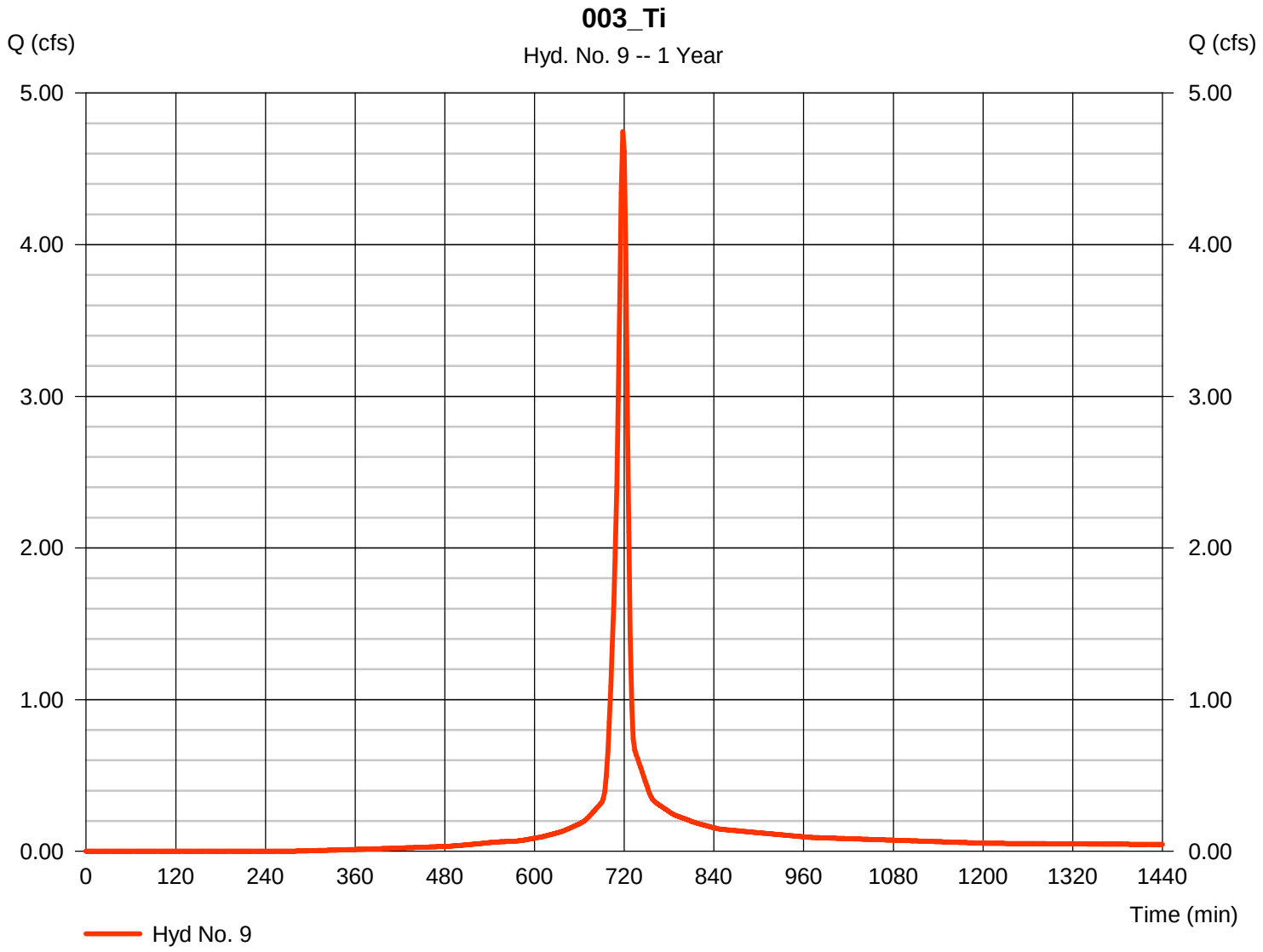
Hydrograph Report

Hyd. No. 9

003_Ti

Hydrograph type	=	SCS Runoff	Peak discharge	=	4.745 cfs
Storm frequency	=	1 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	11,257 cuft
Drainage area	=	1.510 ac	Curve number	=	93*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	9.20 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.228 x 98) + (0.234 x 71) + (0.049 x 71)] / 1.510



TR55 Tc Worksheet

Hyd. No. 9

003_Ti

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.013		0.011		0.011		
Flow length (ft)	= 143.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.19		0.00		0.00		
Land slope (%)	= 1.60		0.00		0.00		
Travel Time (min)	**= 2.02**	**+**	**0.00**	**+**	**0.00**	**=**	**2.02**
Shallow Concentrated Flow							
Flow length (ft)	= 667.00		0.00		0.00		
Watercourse slope (%)	= 2.00		0.00		0.00		
Surface description	= Paved		Paved		Paved		
Average velocity (ft/s)	=2.87		0.00		0.00		
Travel Time (min)	**= 3.87**	**+**	**0.00**	**+**	**0.00**	**=**	**3.87**
Channel Flow							
X sectional flow area (sqft)	= 1.00		0.00		0.00		
Wetted perimeter (ft)	= 3.00		0.00		0.00		
Channel slope (%)	= 0.80		0.00		0.00		
Manning's n-value	= 0.025		0.015		0.015		
Velocity (ft/s)	=2.55						
			0.00				
					0.00		
Flow length (ft)	({0})501.0		0.0		0.0		
Travel Time (min)	**= 3.27**	**+**	**0.00**	**+**	**0.00**	**=**	**3.27**

Total Travel Time, Tc ..... 9.20 min

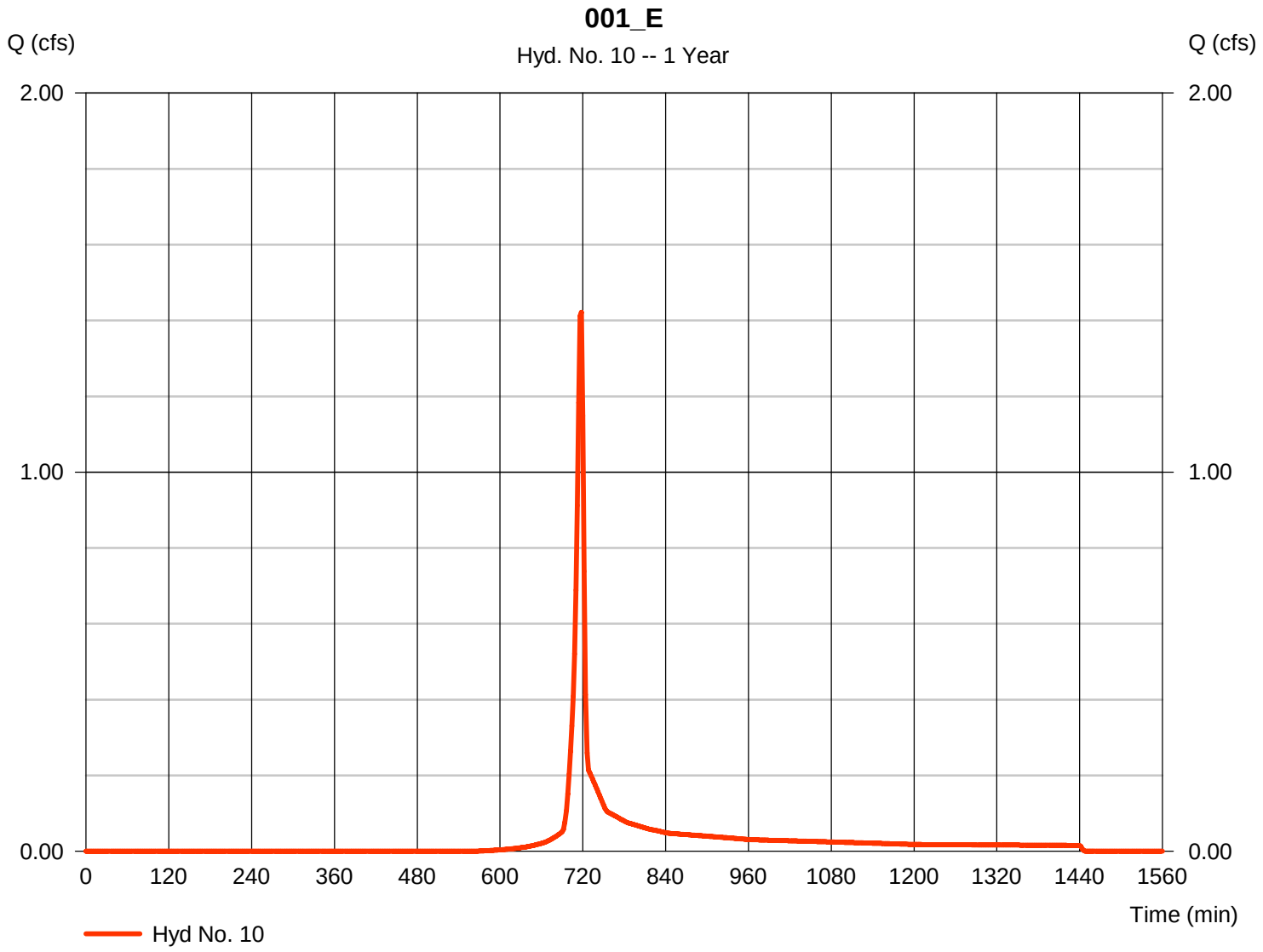
Hydrograph Report

Hyd. No. 10

001_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.422 cfs
Storm frequency	=	1 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	2,855 cuft
Drainage area	=	0.690 ac	Curve number	=	82*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.268 x 98) + (0.272 x 71) + (0.053 x 71) + (0.035 x 71) + (0.065 x 76)] / 0.690



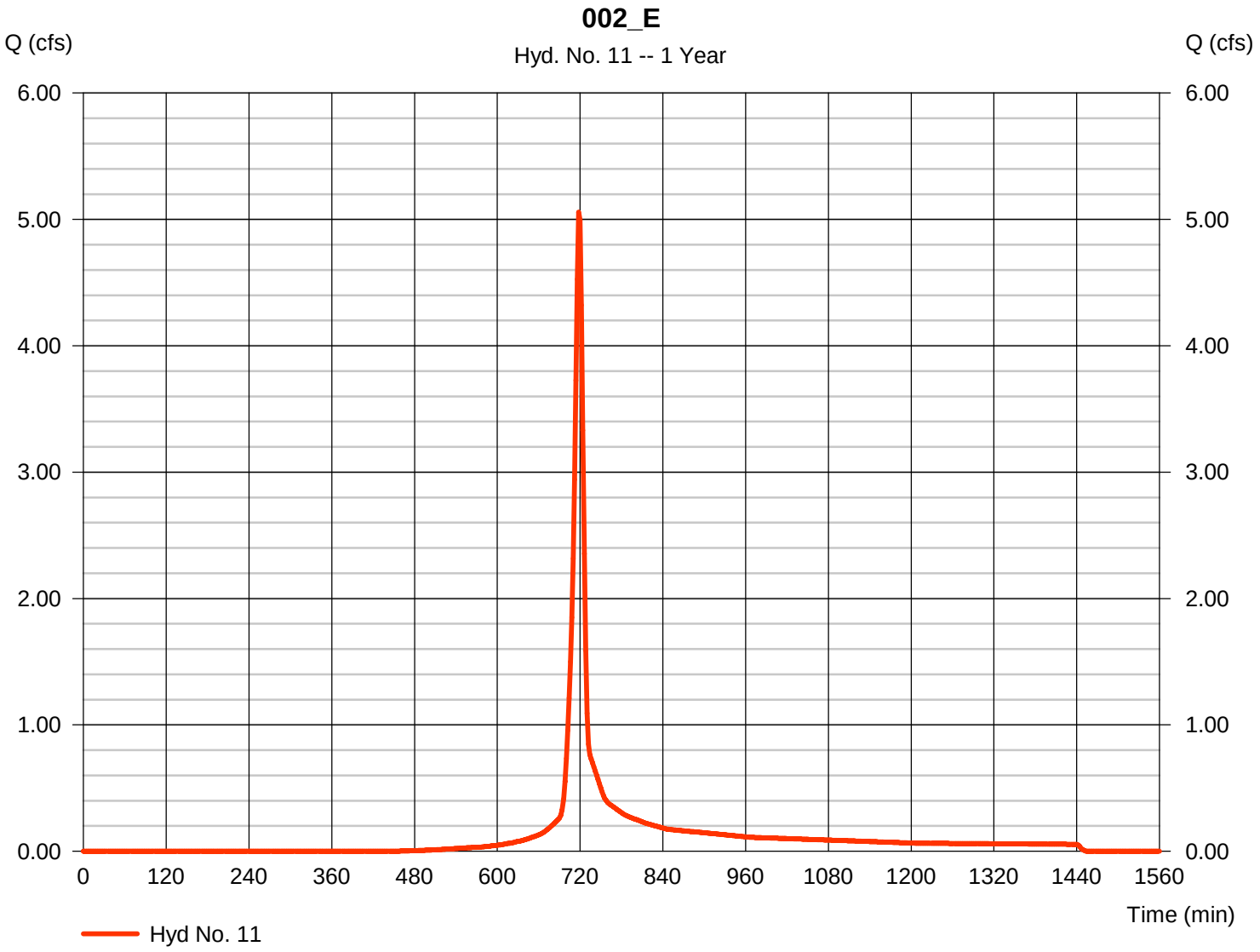
Hydrograph Report

Hyd. No. 11

002_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	5.056 cfs
Storm frequency	=	1 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	11,587 cuft
Drainage area	=	2.050 ac	Curve number	=	87*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	9.70 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.009 x 98) + (1.040 x 76)] / 2.050



TR55 Tc Worksheet

Hyd. No. 11

002_E

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.050		0.011		0.011		
Flow length (ft)	= 147.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.19		0.00		0.00		
Land slope (%)	= 9.50		0.00		0.00		
Travel Time (min)	**= 2.97**	**+**	**0.00**	**+**	**0.00**	**=**	**2.97**
Shallow Concentrated Flow							
Flow length (ft)	= 365.00		0.00		0.00		
Watercourse slope (%)	= 0.20		0.00		0.00		
Surface description	= Paved		Paved		Paved		
Average velocity (ft/s)	=0.91		0.00		0.00		
Travel Time (min)	**= 6.69**	**+**	**0.00**	**+**	**0.00**	**=**	**6.69**
Channel Flow							
X sectional flow area (sqft)	= 0.00		0.00		0.00		
Wetted perimeter (ft)	= 0.00		0.00		0.00		
Channel slope (%)	= 0.00		0.00		0.00		
Manning's n-value	= 0.015		0.015		0.015		
Velocity (ft/s)	=0.00						
			0.00				
					0.00		
Flow length (ft)	({0})0.0		0.0		0.0		
Travel Time (min)	**= 0.00**	**+**	**0.00**	**+**	**0.00**	**=**	**0.00**

Total Travel Time, Tc ..... 9.70 min

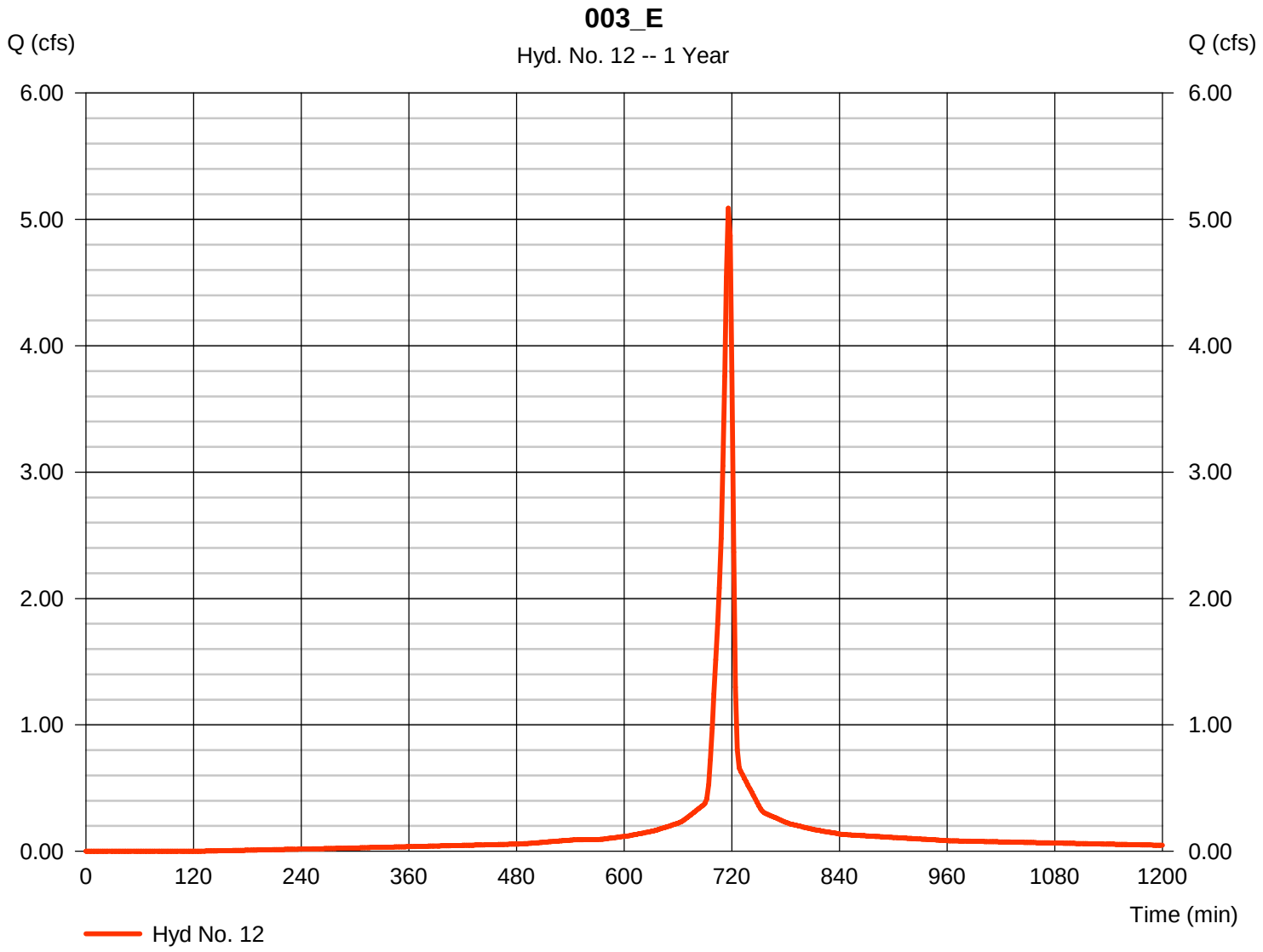
Hydrograph Report

Hyd. No. 12

003_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	5.089 cfs
Storm frequency	=	1 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	11,508 cuft
Drainage area	=	1.380 ac	Curve number	=	97*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.304 x 98) + (0.073 x 71)] / 1.380



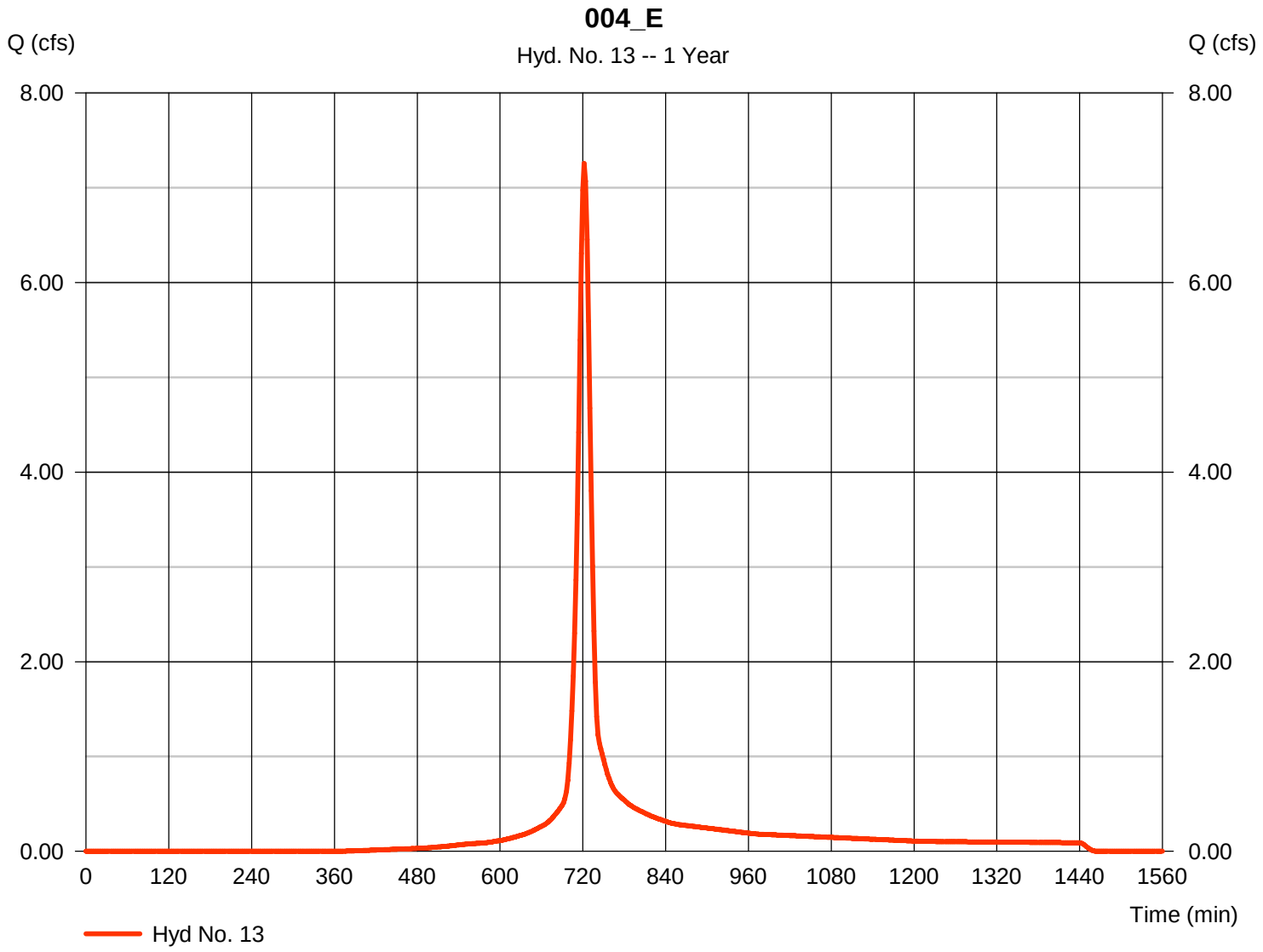
Hydrograph Report

Hyd. No. 13

004_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	7.256 cfs
Storm frequency	=	1 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	20,489 cuft
Drainage area	=	3.230 ac	Curve number	=	90*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	15.10 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.155 x 98) + (0.109 x 71) + (0.970 x 76)] / 3.230



TR55 Tc Worksheet

Hyd. No. 13

004_E

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.013		0.011		0.011		
Flow length (ft)	= 86.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.19		0.00		0.00		
Land slope (%)	= 0.20		0.00		0.00		
Travel Time (min)	**= 3.09**	**+**	**0.00**	**+**	**0.00**	**=**	**3.09**
Shallow Concentrated Flow							
Flow length (ft)	= 602.00		0.00		0.00		
Watercourse slope (%)	= 0.20		0.00		0.00		
Surface description	= Paved		Paved		Paved		
Average velocity (ft/s)	=0.91		0.00		0.00		
Travel Time (min)	**= 11.04**	**+**	**0.00**	**+**	**0.00**	**=**	**11.04**
Channel Flow							
X sectional flow area (sqft)	= 2.48		0.00		0.00		
Wetted perimeter (ft)	= 3.93		0.00		0.00		
Channel slope (%)	= 0.60		0.00		0.00		
Manning's n-value	= 0.015		0.015		0.015		
Velocity (ft/s)	=5.65						
			0.00				
					0.00		
Flow length (ft)	({0})331.0		0.0		0.0		
Travel Time (min)	**= 0.98**	**+**	**0.00**	**+**	**0.00**	**=**	**0.98**

Total Travel Time, Tc ..... 15.10 min

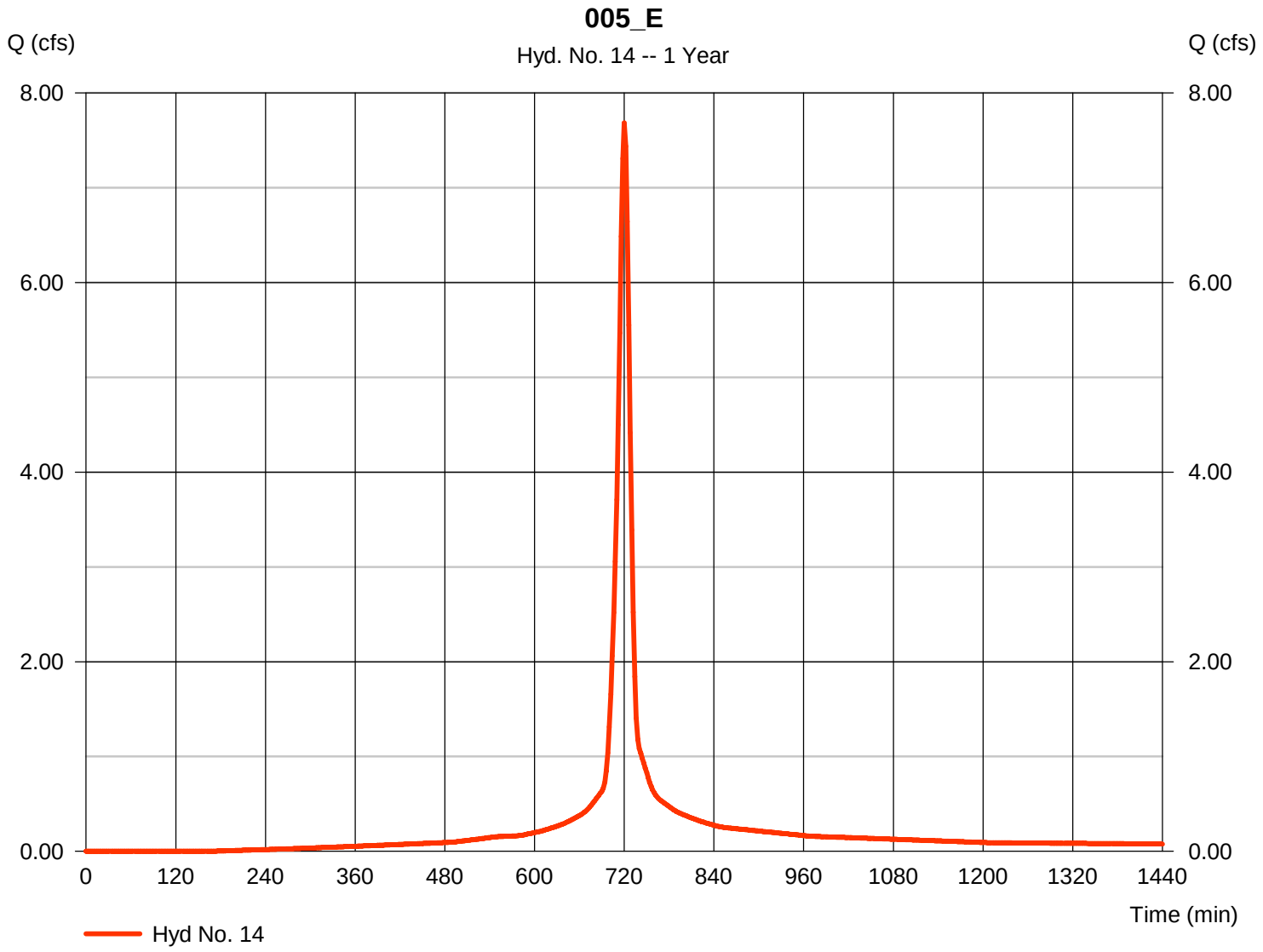
Hydrograph Report

Hyd. No. 14

005_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	7.684 cfs
Storm frequency	=	1 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	21,337 cuft
Drainage area	=	2.430 ac	Curve number	=	96*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	11.00 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.220 x 98) + (0.052 x 71) + (0.081 x 71) + (0.080 x 71)] / 2.430



TR55 Tc Worksheet

Hyd. No. 14

005_E

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.013		0.011		0.011		
Flow length (ft)	= 150.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.19		0.00		0.00		
Land slope (%)	= 0.20		0.00		0.00		
Travel Time (min)	**= 4.82**	**+**	**0.00**	**+**	**0.00**	**=**	**4.82**
Shallow Concentrated Flow							
Flow length (ft)	= 278.00		0.00		0.00		
Watercourse slope (%)	= 0.20		0.00		0.00		
Surface description	= Paved		Paved		Paved		
Average velocity (ft/s)	=0.91		0.00		0.00		
Travel Time (min)	**= 5.10**	**+**	**0.00**	**+**	**0.00**	**=**	**5.10**
Channel Flow							
X sectional flow area (sqft)	= 3.14		0.00		0.00		
Wetted perimeter (ft)	= 6.28		0.00		0.00		
Channel slope (%)	= 0.60		0.00		0.00		
Manning's n-value	= 0.015		0.015		0.015		
Velocity (ft/s)	=4.84						
			0.00				
					0.00		
Flow length (ft)	({0})329.0		0.0		0.0		
Travel Time (min)	**= 1.13**	**+**	**0.00**	**+**	**0.00**	**=**	**1.13**

Total Travel Time, Tc ..... 11.00 min

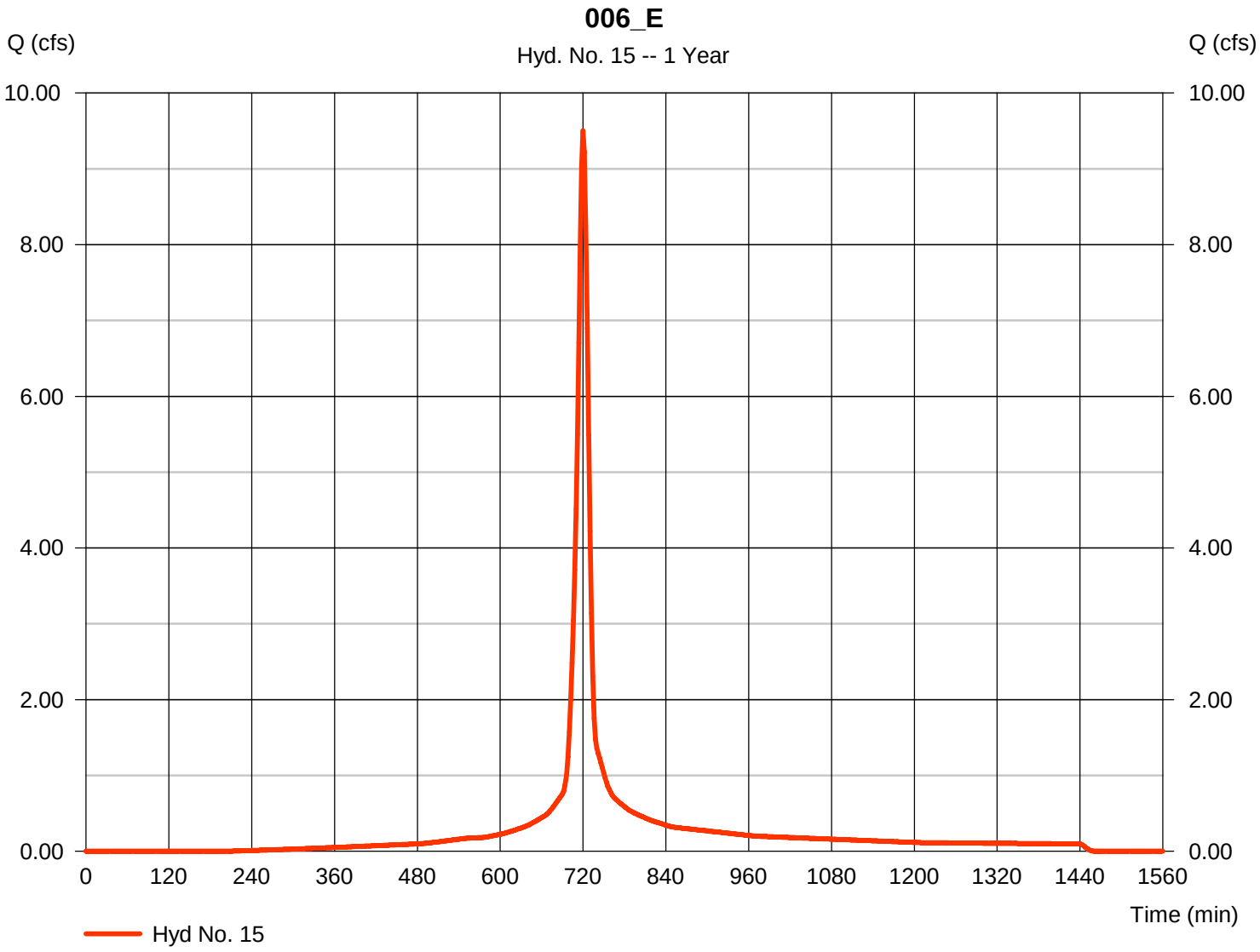
Hydrograph Report

Hyd. No. 15

006_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	9.503 cfs
Storm frequency	=	1 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	25,965 cuft
Drainage area	=	3.090 ac	Curve number	=	95*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	10.20 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.783 x 98) + (0.059 x 71) + (0.144 x 71) + (0.107 x 71)] / 3.090



TR55 Tc Worksheet

Hyd. No. 15

006_E

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.013		0.011		0.011		
Flow length (ft)	= 150.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.19		0.00		0.00		
Land slope (%)	= 0.20		0.00		0.00		
Travel Time (min)	**= 4.82**	**+**	**0.00**	**+**	**0.00**	**=**	**4.82**
Shallow Concentrated Flow							
Flow length (ft)	= 290.00		0.00		0.00		
Watercourse slope (%)	= 0.20		0.00		0.00		
Surface description	= Paved		Paved		Paved		
Average velocity (ft/s)	=0.91		0.00		0.00		
Travel Time (min)	**= 5.32**	**+**	**0.00**	**+**	**0.00**	**=**	**5.32**
Channel Flow							
X sectional flow area (sqft)	= 3.14		0.00		0.00		
Wetted perimeter (ft)	= 6.28		0.00		0.00		
Channel slope (%)	= 3.00		0.00		0.00		
Manning's n-value	= 0.015		0.015		0.015		
Velocity (ft/s)	=10.81						
			0.00				
					0.00		
Flow length (ft)	({0})45.0		0.0		0.0		
Travel Time (min)	**= 0.07**	**+**	**0.00**	**+**	**0.00**	**=**	**0.07**

Total Travel Time, Tc ..... 10.20 min

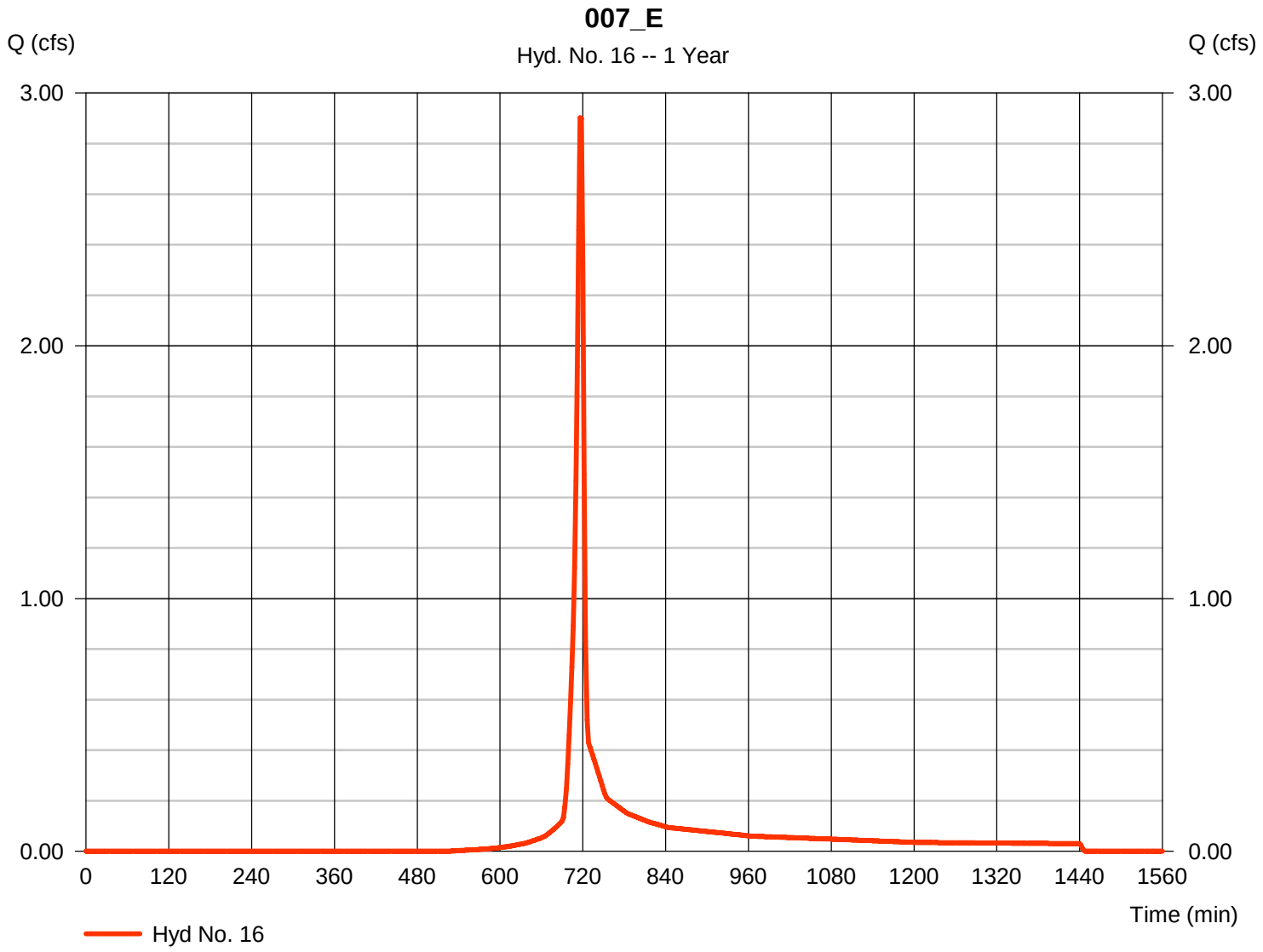
Hydrograph Report

Hyd. No. 16

007_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.903 cfs
Storm frequency	=	1 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	5,860 cuft
Drainage area	=	1.280 ac	Curve number	=	84*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	6.40 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.655 x 71) + (0.623 x 98)] / 1.280



TR55 Tc Worksheet

Hyd. No. 16

007_E

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.013		0.011		0.011		
Flow length (ft)	= 50.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.19		0.00		0.00		
Land slope (%)	= 0.20		0.00		0.00		
Travel Time (min)	**= 2.00**	**+**	**0.00**	**+**	**0.00**	**=**	**2.00**
Shallow Concentrated Flow							
Flow length (ft)	= 88.00		0.00		0.00		
Watercourse slope (%)	= 0.20		0.00		0.00		
Surface description	= Paved		Paved		Paved		
Average velocity (ft/s)	=0.91		0.00		0.00		
Travel Time (min)	**= 1.61**	**+**	**0.00**	**+**	**0.00**	**=**	**1.61**
Channel Flow							
X sectional flow area (sqft)	= 1.25		0.00		0.00		
Wetted perimeter (ft)	= 5.10		0.00		0.00		
Channel slope (%)	= 0.60		0.00		0.00		
Manning's n-value	= 0.025		0.015		0.015		
Velocity (ft/s)	=1.80						
			0.00				
					0.00		
Flow length (ft)	({0})303.0		0.0		0.0		
Travel Time (min)	**= 2.81**	**+**	**0.00**	**+**	**0.00**	**=**	**2.81**

Total Travel Time, Tc ..... 6.40 min

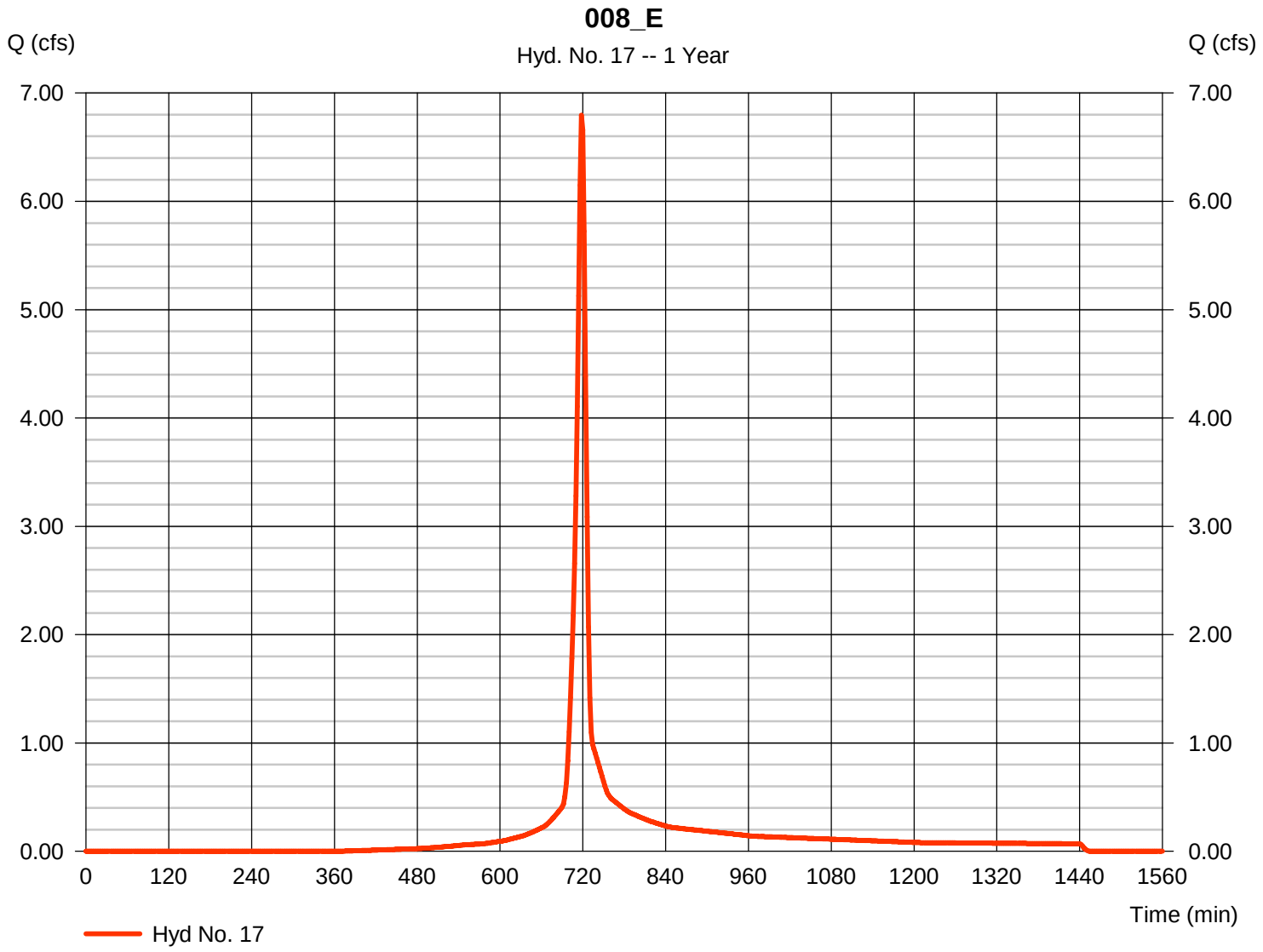
Hydrograph Report

Hyd. No. 17

008_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	6.794 cfs
Storm frequency	=	1 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	15,744 cuft
Drainage area	=	2.420 ac	Curve number	=	90*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	7.90 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.736 x 98) + (0.681 x 71)] / 2.420



TR55 Tc Worksheet

Hyd. No. 17

008_E

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.013		0.011		0.011		
Flow length (ft)	= 111.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.19		0.00		0.00		
Land slope (%)	= 0.20		0.00		0.00		
Travel Time (min)	**= 3.79**	**+**	**0.00**	**+**	**0.00**	**=**	**3.79**
Shallow Concentrated Flow							
Flow length (ft)	= 128.00		0.00		0.00		
Watercourse slope (%)	= 0.20		0.00		0.00		
Surface description	= Paved		Paved		Paved		
Average velocity (ft/s)	=0.91		0.00		0.00		
Travel Time (min)	**= 2.35**	**+**	**0.00**	**+**	**0.00**	**=**	**2.35**
Channel Flow							
X sectional flow area (sqft)	= 1.23		0.00		0.00		
Wetted perimeter (ft)	= 3.93		0.00		0.00		
Channel slope (%)	= 0.80		0.00		0.00		
Manning's n-value	= 0.015		0.015		0.015		
Velocity (ft/s)	=4.08						
			0.00				
					0.00		
Flow length (ft)	({0})434.0		0.0		0.0		
Travel Time (min)	**= 1.77**	**+**	**0.00**	**+**	**0.00**	**=**	**1.77**

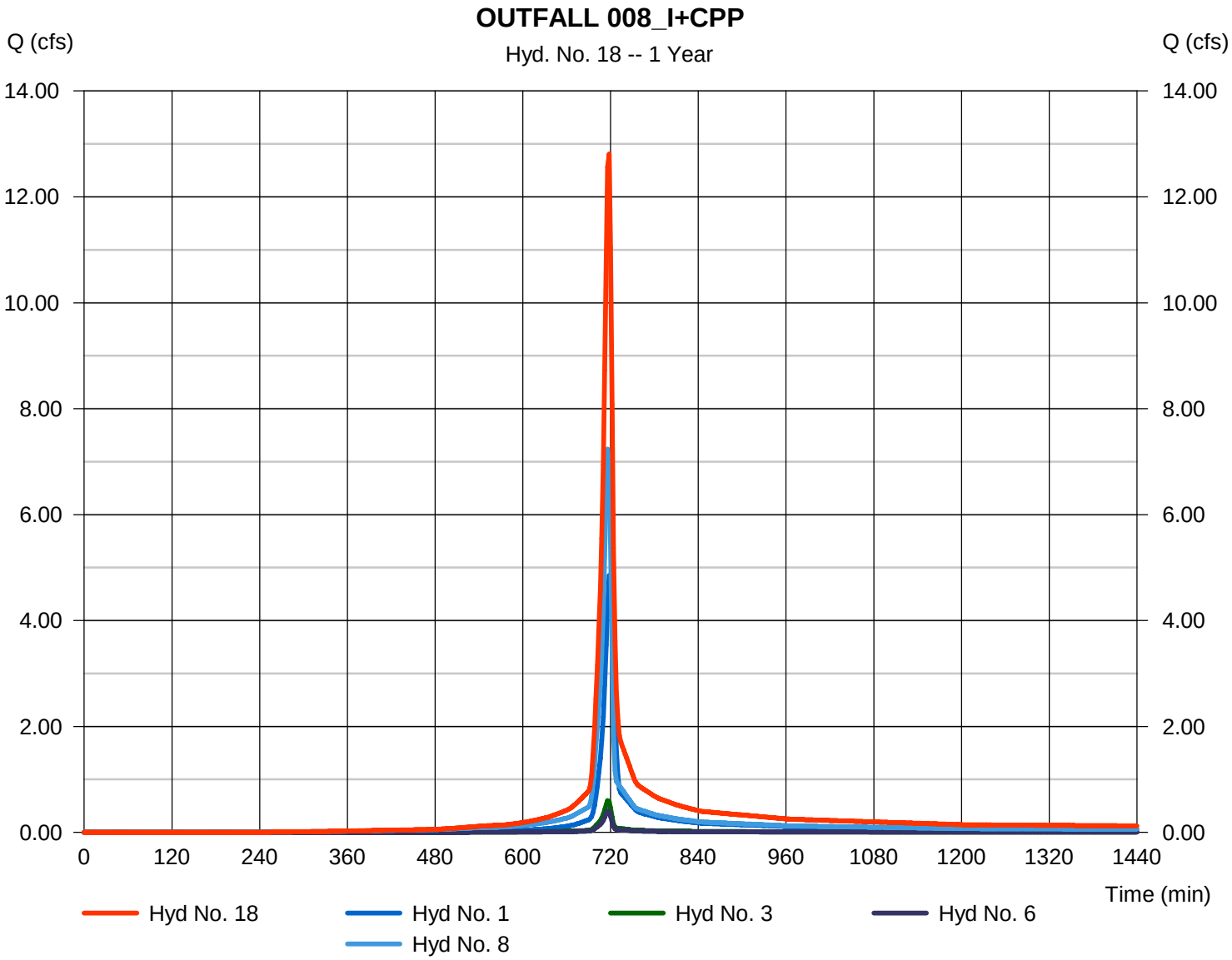
Total Travel Time, Tc ..... 7.90 min

Hydrograph Report

Hyd. No. 18

OUTFALL 008_I+CPP

Hydrograph type	= Combine	Peak discharge	= 12.80 cfs
Storm frequency	= 1 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 28,682 cuft
Inflow hyds.	= 1, 3, 6, 8	Contrib. drain. area	= 4.493 ac

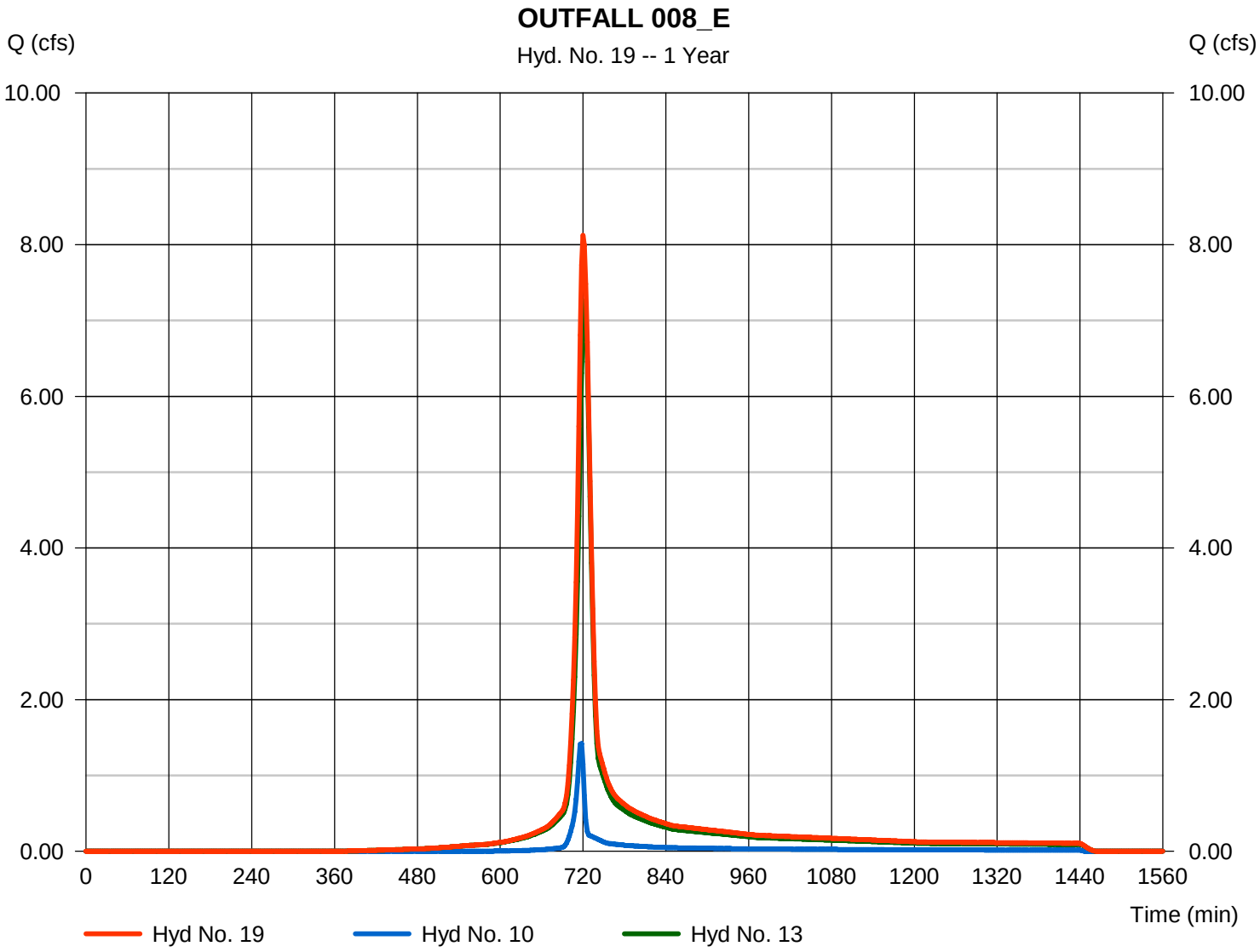


Hydrograph Report

Hyd. No. 19

OUTFALL 008_E

Hydrograph type	=	Combine	Peak discharge	=	8.123 cfs
Storm frequency	=	1 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	23,343 cuft
Inflow hyds.	=	10, 13	Contrib. drain. area	=	3.920 ac

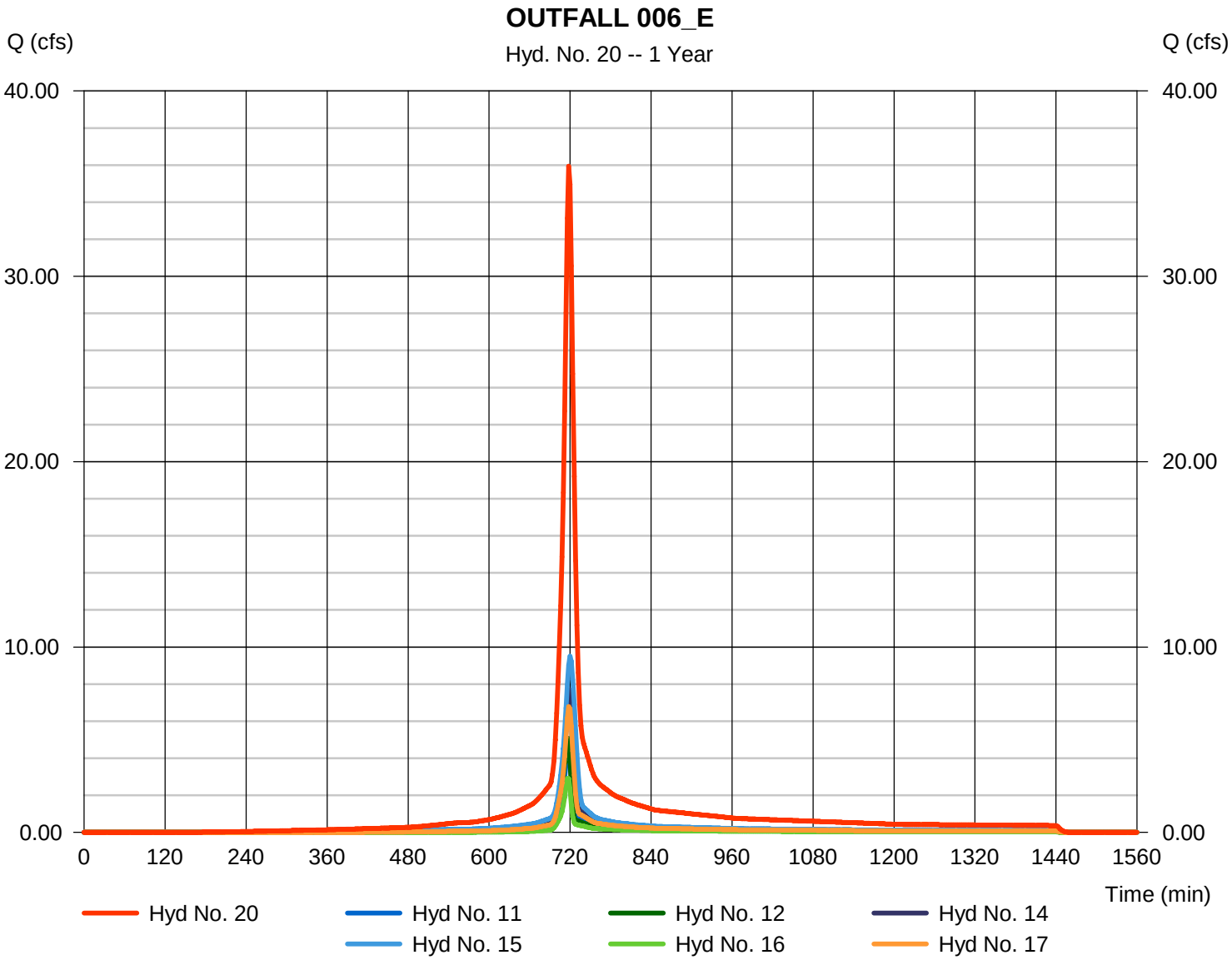


Hydrograph Report

Hyd. No. 20

OUTFALL 006_E

Hydrograph type	= Combine	Peak discharge	= 35.95 cfs
Storm frequency	= 1 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 92,001 cuft
Inflow hyds.	= 11, 12, 14, 15, 16, 17	Contrib. drain. area	= 12.650 ac

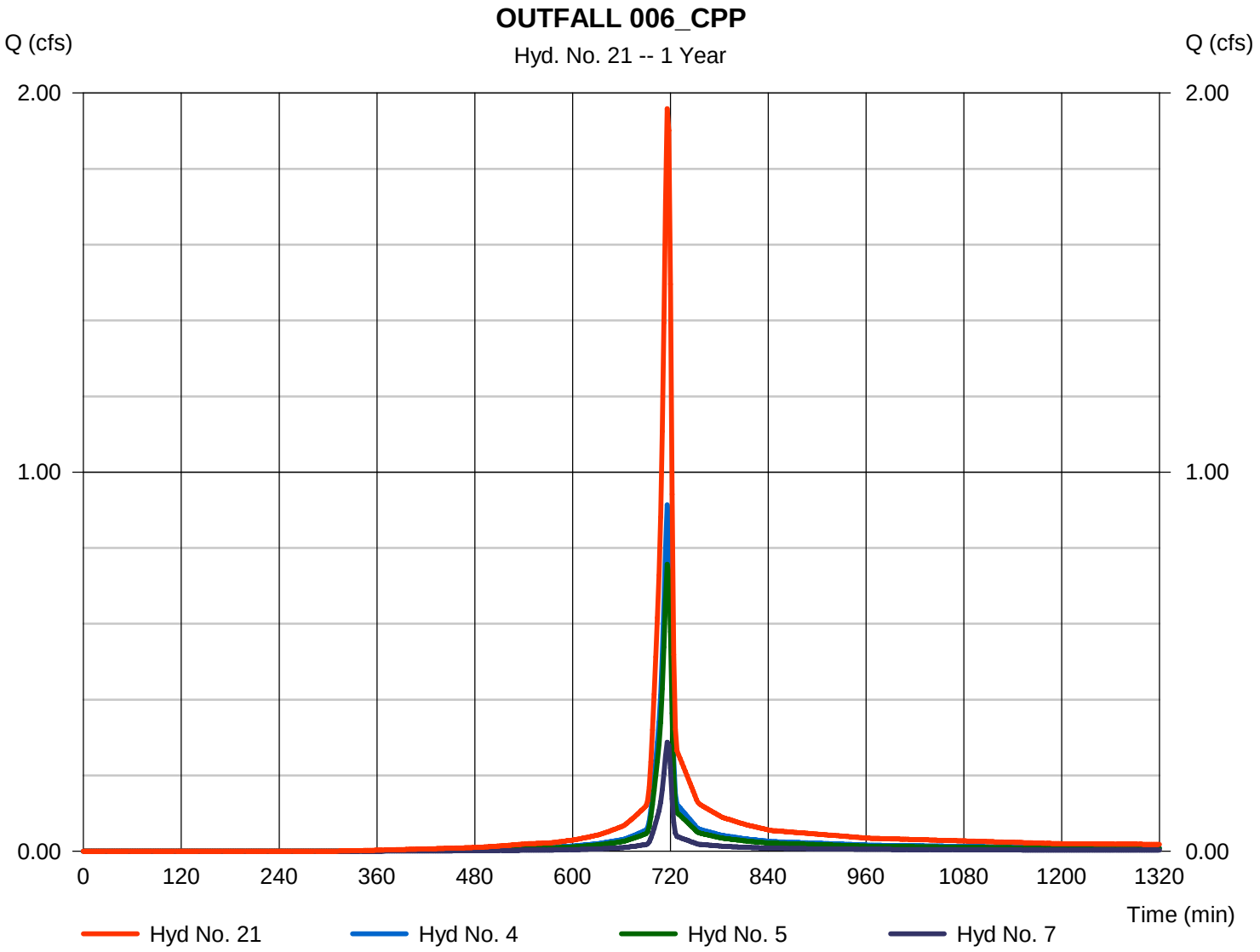


Hydrograph Report

Hyd. No. 21

OUTFALL 006_CPP

Hydrograph type	= Combine	Peak discharge	= 1.959 cfs
Storm frequency	= 1 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 4,096 cuft
Inflow hyds.	= 4, 5, 7	Contrib. drain. area	= 0.613 ac

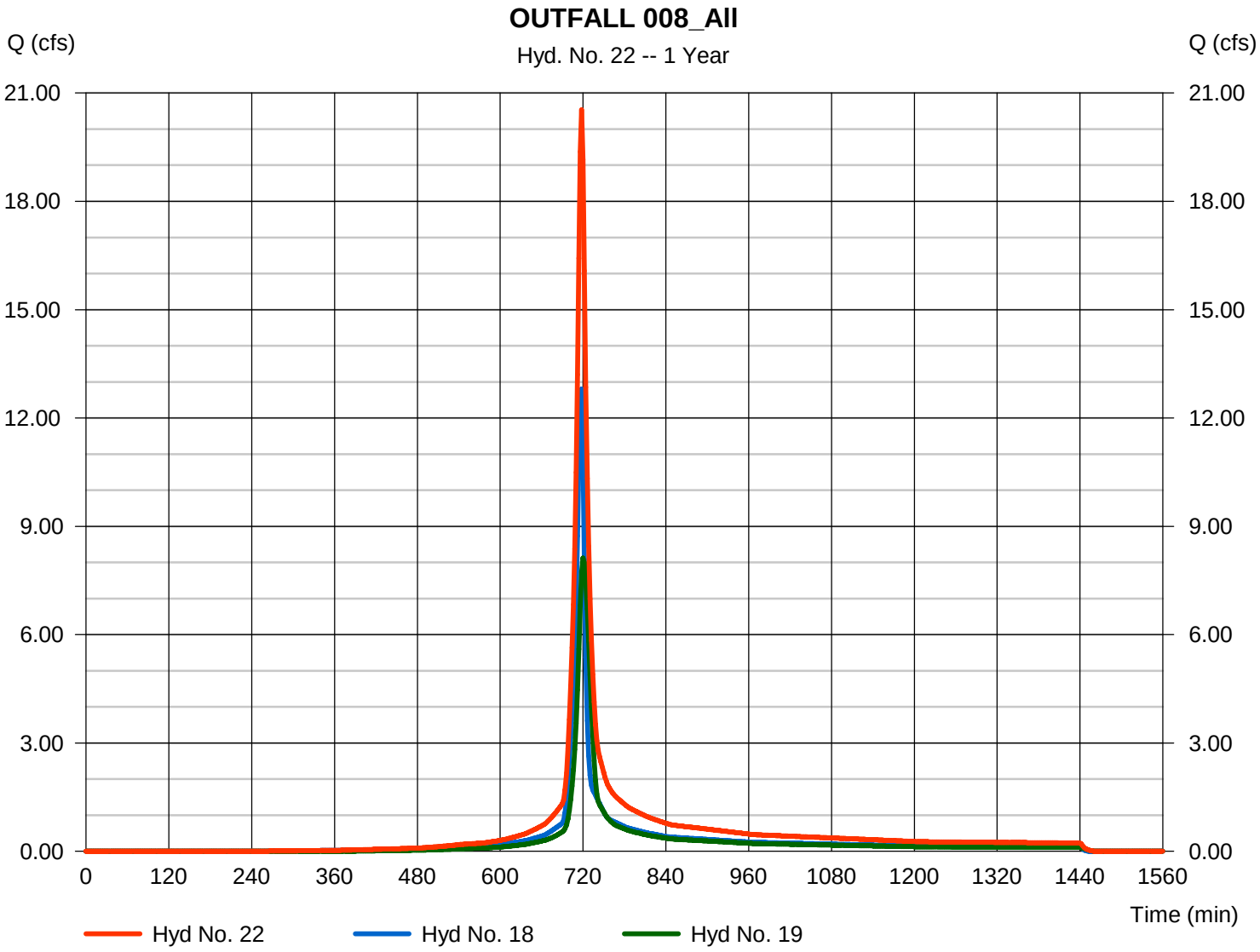


Hydrograph Report

Hyd. No. 22

OUTFALL 008_All

Hydrograph type	= Combine	Peak discharge	= 20.53 cfs
Storm frequency	= 1 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 52,026 cuft
Inflow hyds.	= 18, 19	Contrib. drain. area	= 0.000 ac

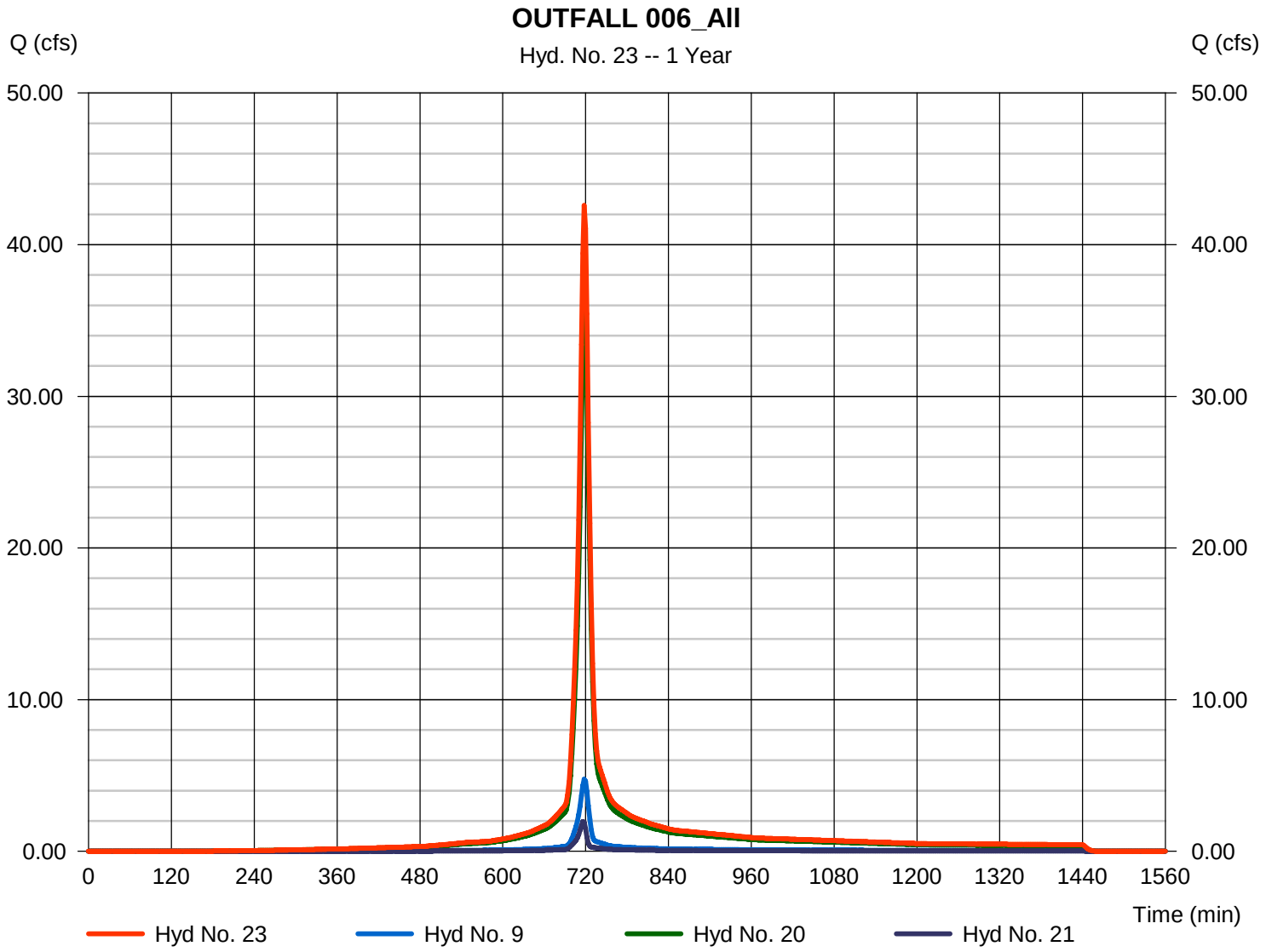


Hydrograph Report

Hyd. No. 23

OUTFALL 006_All

Hydrograph type	= Combine	Peak discharge	= 42.59 cfs
Storm frequency	= 1 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 107,354 cuft
Inflow hyds.	= 9, 20, 21	Contrib. drain. area	= 1.510 ac



Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	6.481	2	718	14,899	------	------	------	001_I
2	SCS Runoff	1.048	2	716	2,223	------	------	------	004_CPP
3	SCS Runoff	0.757	2	716	1,605	------	------	------	005_CPP
4	SCS Runoff	1.157	2	716	2,455	------	------	------	006_CPP
5	SCS Runoff	0.959	2	716	2,034	------	------	------	007_CPP
6	SCS Runoff	0.510	2	716	1,081	------	------	------	008_CPP
7	SCS Runoff	0.364	2	716	772	------	------	------	009_CPP
8	SCS Runoff	9.026	2	716	19,615	------	------	------	002_I
9	SCS Runoff	5.970	2	718	14,356	------	------	------	003_Ti
10	SCS Runoff	1.958	2	716	3,954	------	------	------	001_E
11	SCS Runoff	6.695	2	718	15,440	------	------	------	002_E
12	SCS Runoff	6.224	2	716	14,254	------	------	------	003_E
13	SCS Runoff	9.376	2	722	26,703	------	------	------	004_E
14	SCS Runoff	9.465	2	720	26,623	------	------	------	005_E
15	SCS Runoff	11.79	2	720	32,635	------	------	------	006_E
16	SCS Runoff	3.945	2	716	7,990	------	------	------	007_E
17	SCS Runoff	8.761	2	718	20,520	------	------	------	008_E
18	Combine	16.39	2	718	37,201	1, 3, 6, 8,	------	------	OUTFALL 008_I+CPP
19	Combine	10.61	2	720	30,658	10, 13,	------	------	OUTFALL 008_E
20	Combine	45.53	2	718	117,462	11, 12, 14, 15, 16, 17,	------	------	OUTFALL 006_E
21	Combine	2.480	2	716	5,261	4, 5, 7,	------	------	OUTFALL 006_CPP
22	Combine	26.56	2	718	67,858	18, 19,	------	------	OUTFALL 008_All
23	Combine	53.90	2	718	137,079	9, 20, 21,	------	------	OUTFALL 006_All

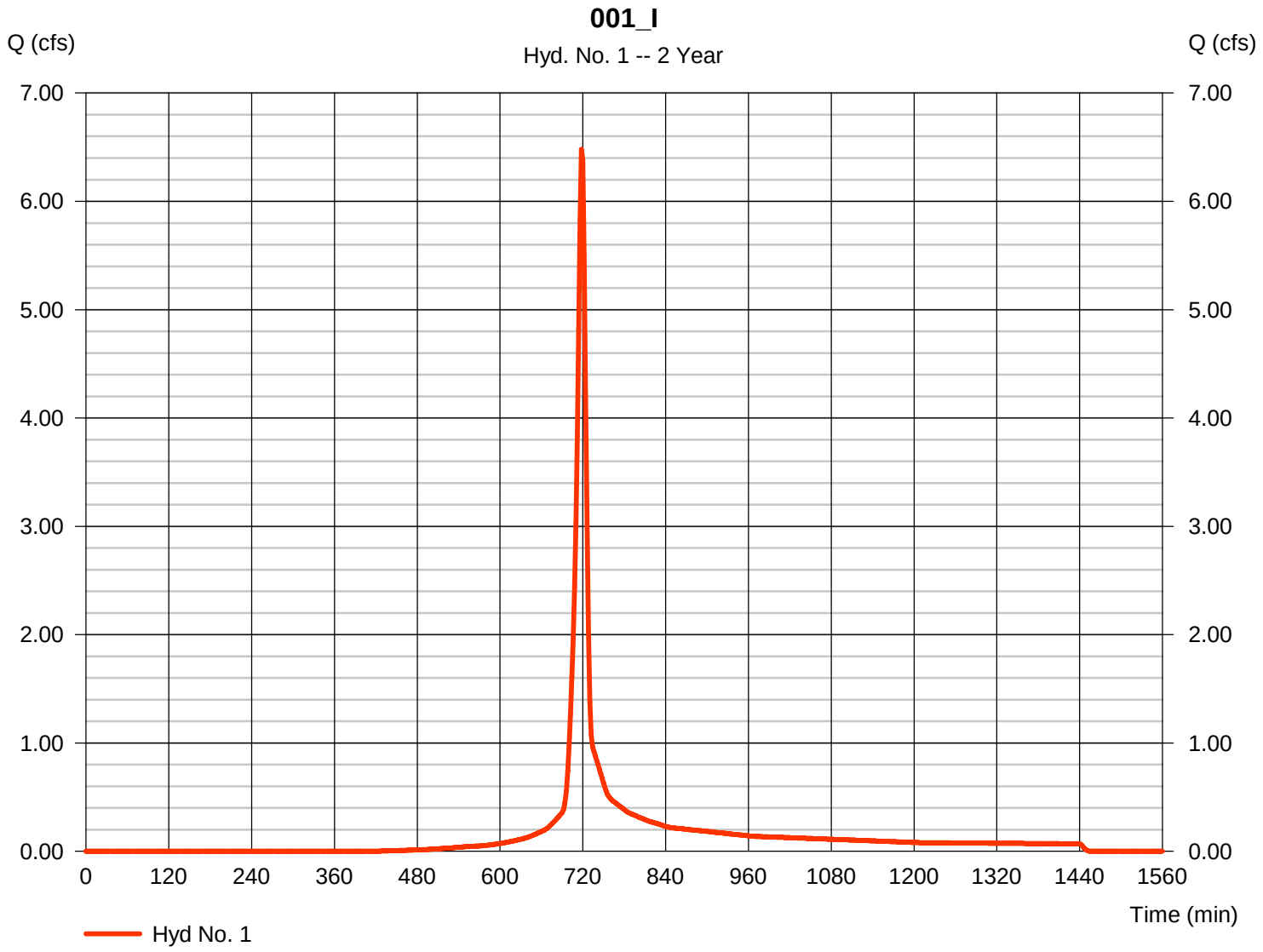
Hydrograph Report

Hyd. No. 1

001_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	6.481 cfs
Storm frequency	=	2 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	14,899 cuft
Drainage area	=	2.060 ac	Curve number	=	86*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	7.20 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.140 x 98) + (0.860 x 71) + (0.060 x 71)] / 2.060

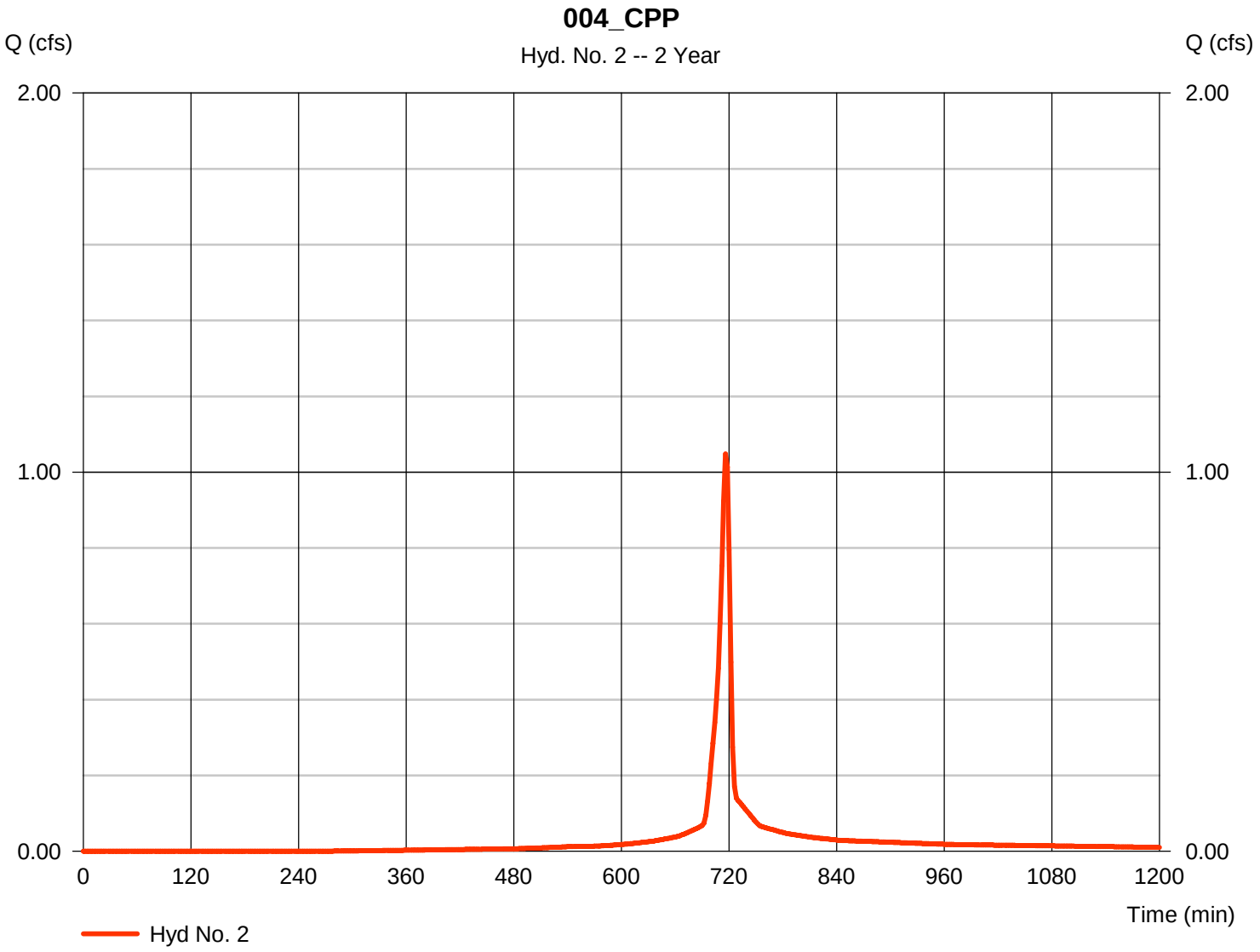


Hydrograph Report

Hyd. No. 2

004_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.048 cfs
Storm frequency	=	2 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	2,223 cuft
Drainage area	=	0.259 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

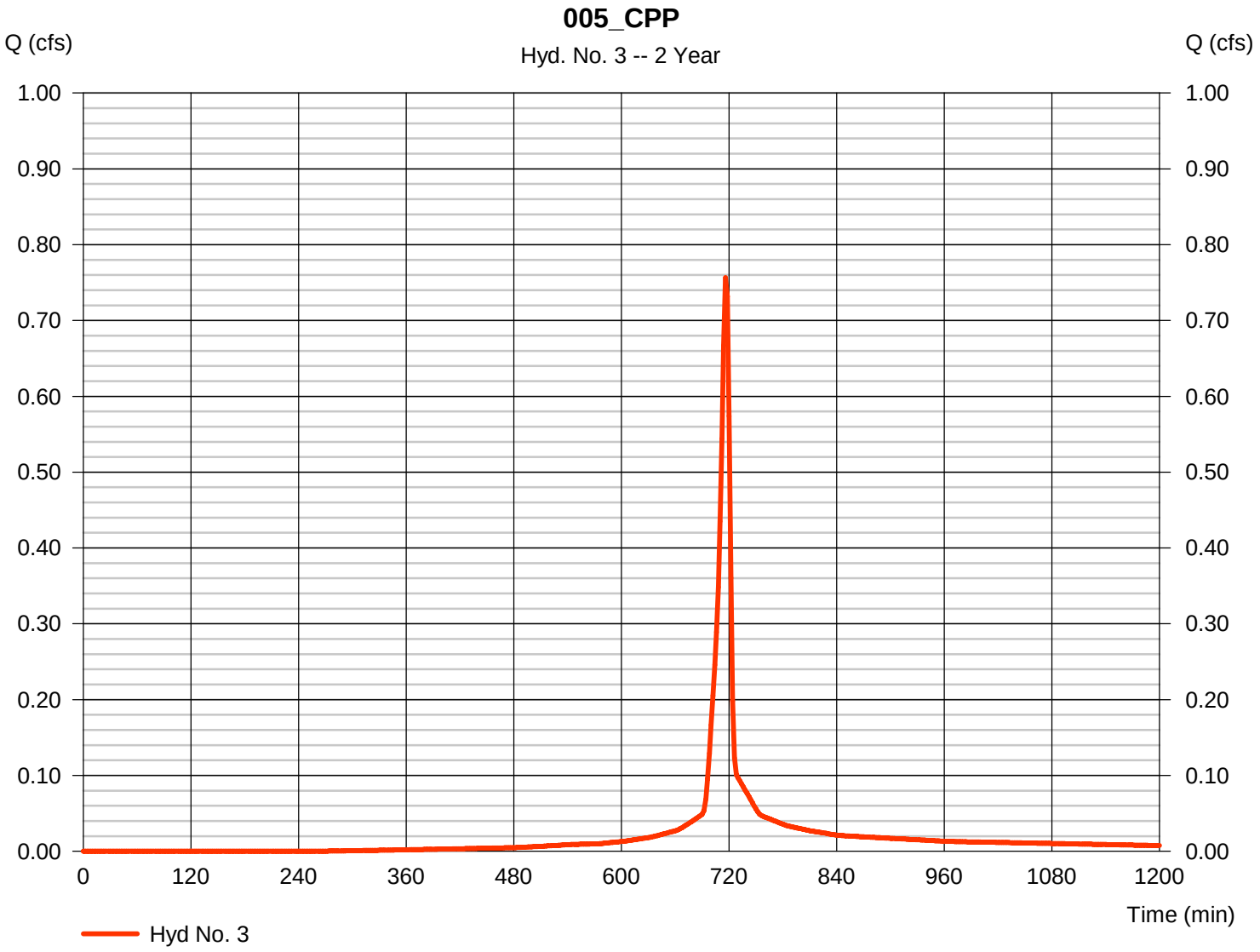


Hydrograph Report

Hyd. No. 3

005_CPP

Hydrograph type	= SCS Runoff	Peak discharge	= 0.757 cfs
Storm frequency	= 2 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 1,605 cuft
Drainage area	= 0.187 ac	Curve number	= 92
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 6.00 min
Total precip.	= 3.38 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

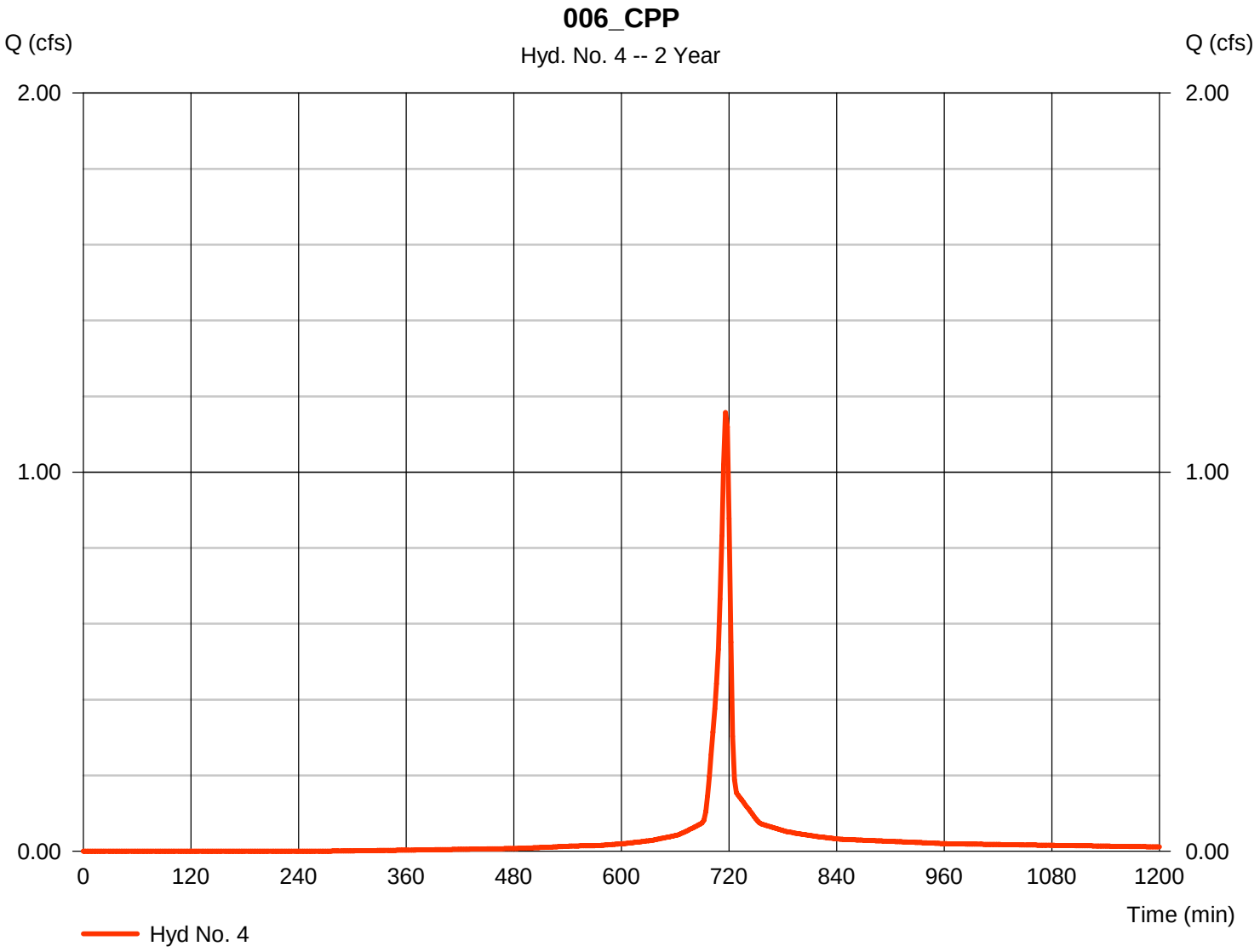


Hydrograph Report

Hyd. No. 4

006_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.157 cfs
Storm frequency	=	2 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	2,455 cuft
Drainage area	=	0.286 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

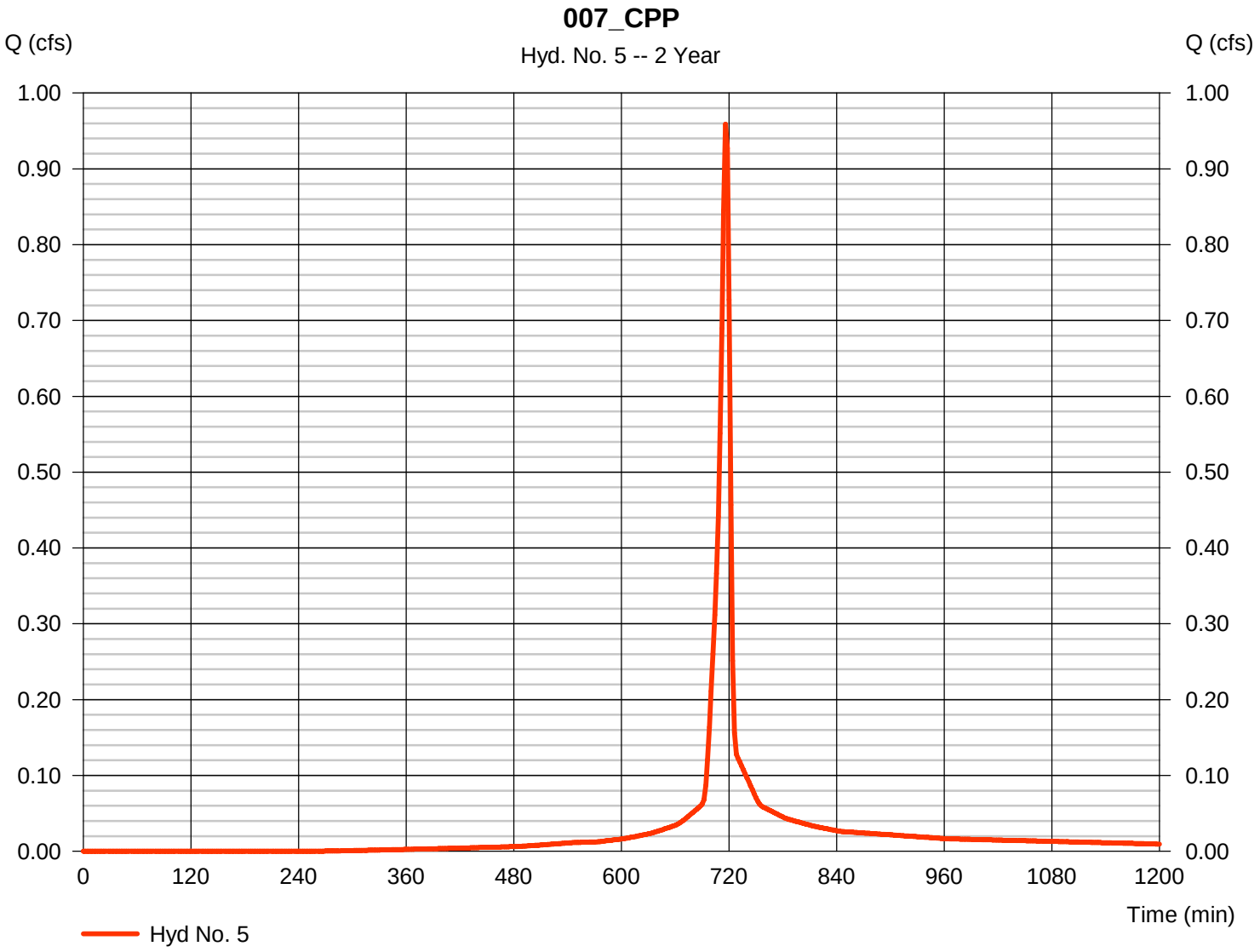


Hydrograph Report

Hyd. No. 5

007_CPP

Hydrograph type	= SCS Runoff	Peak discharge	= 0.959 cfs
Storm frequency	= 2 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 2,034 cuft
Drainage area	= 0.237 ac	Curve number	= 92
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 6.00 min
Total precip.	= 3.38 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

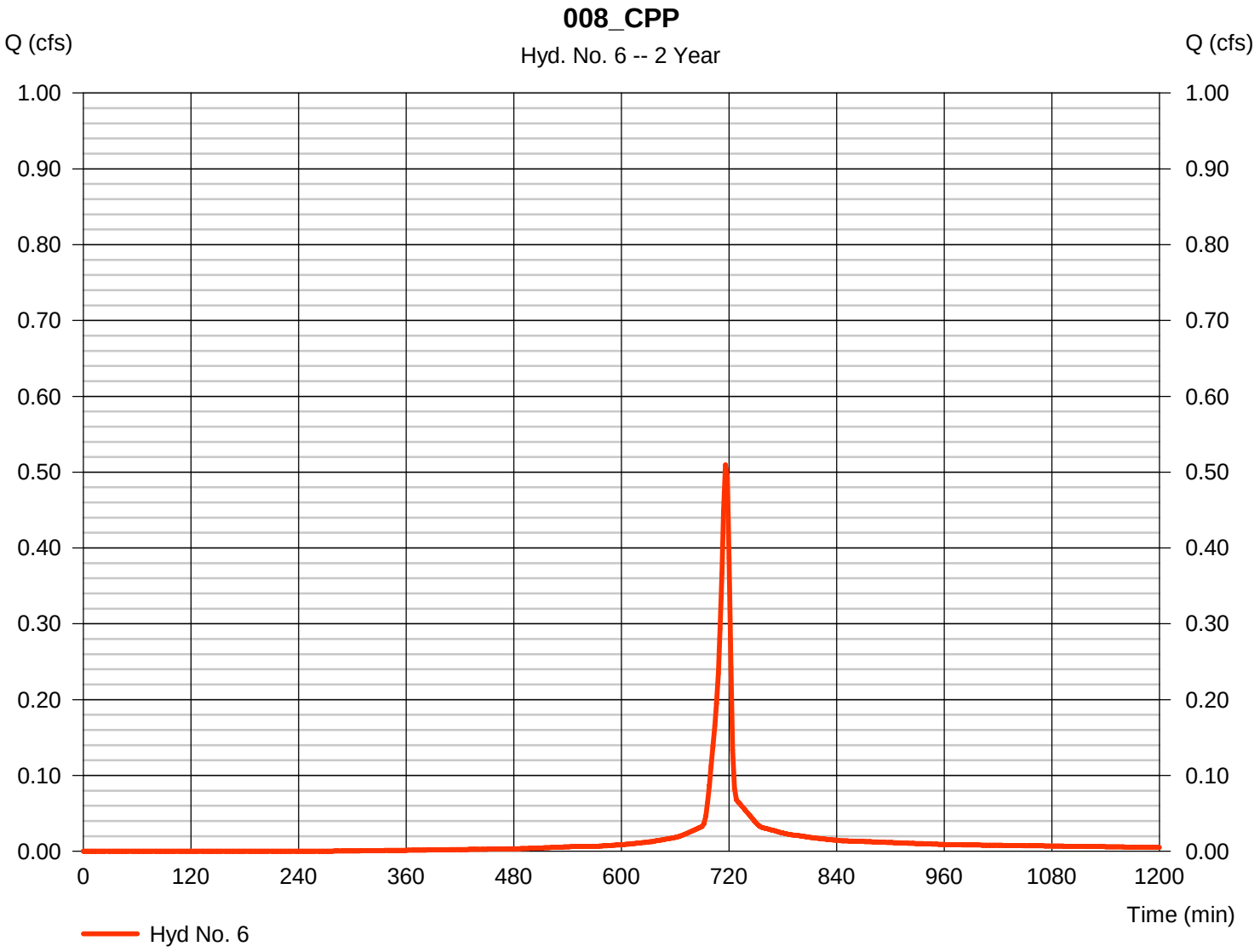


Hydrograph Report

Hyd. No. 6

008_CPP

Hydrograph type	= SCS Runoff	Peak discharge	= 0.510 cfs
Storm frequency	= 2 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 1,081 cuft
Drainage area	= 0.126 ac	Curve number	= 92
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 6.00 min
Total precip.	= 3.38 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

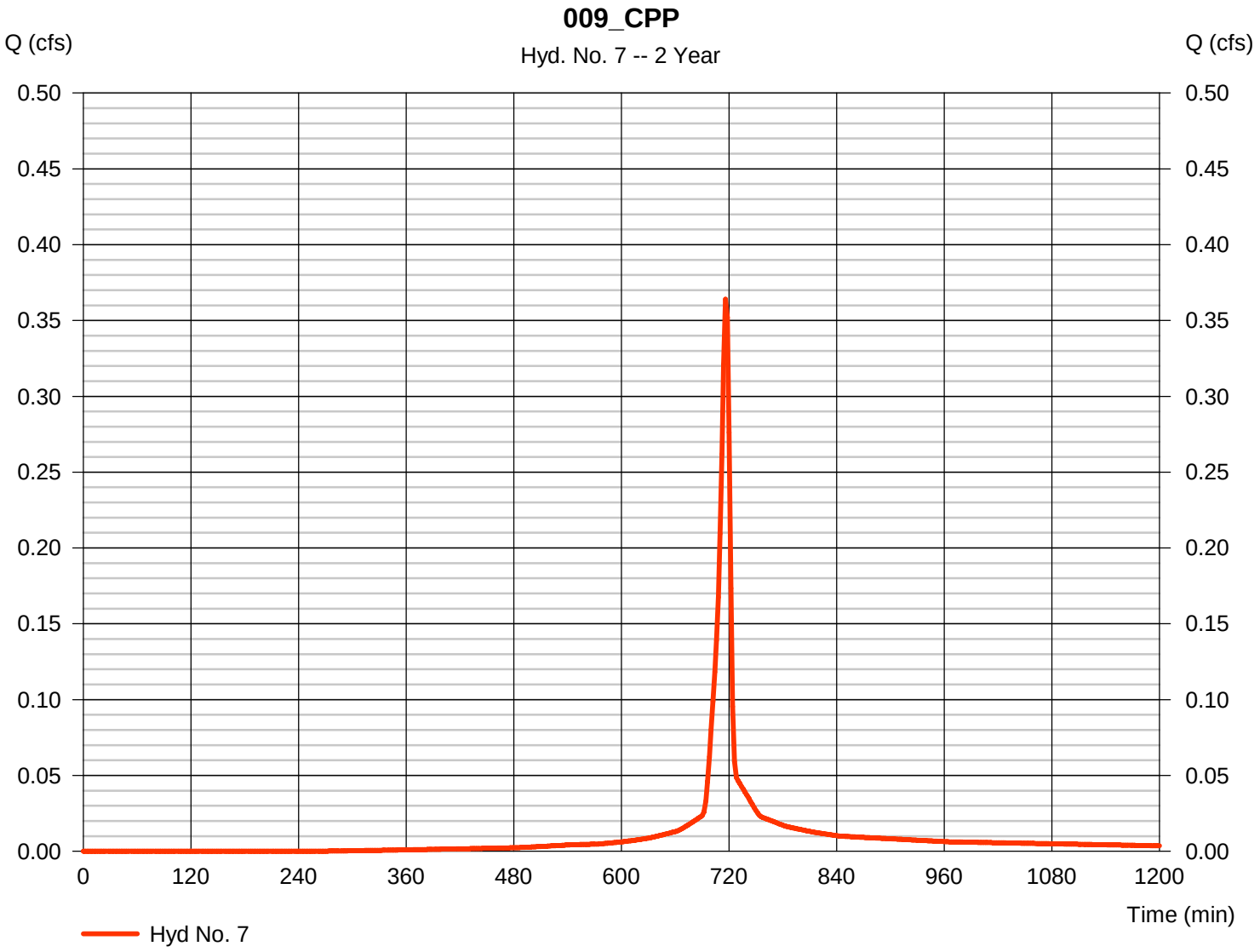


Hydrograph Report

Hyd. No. 7

009_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.364 cfs
Storm frequency	=	2 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	772 cuft
Drainage area	=	0.090 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484



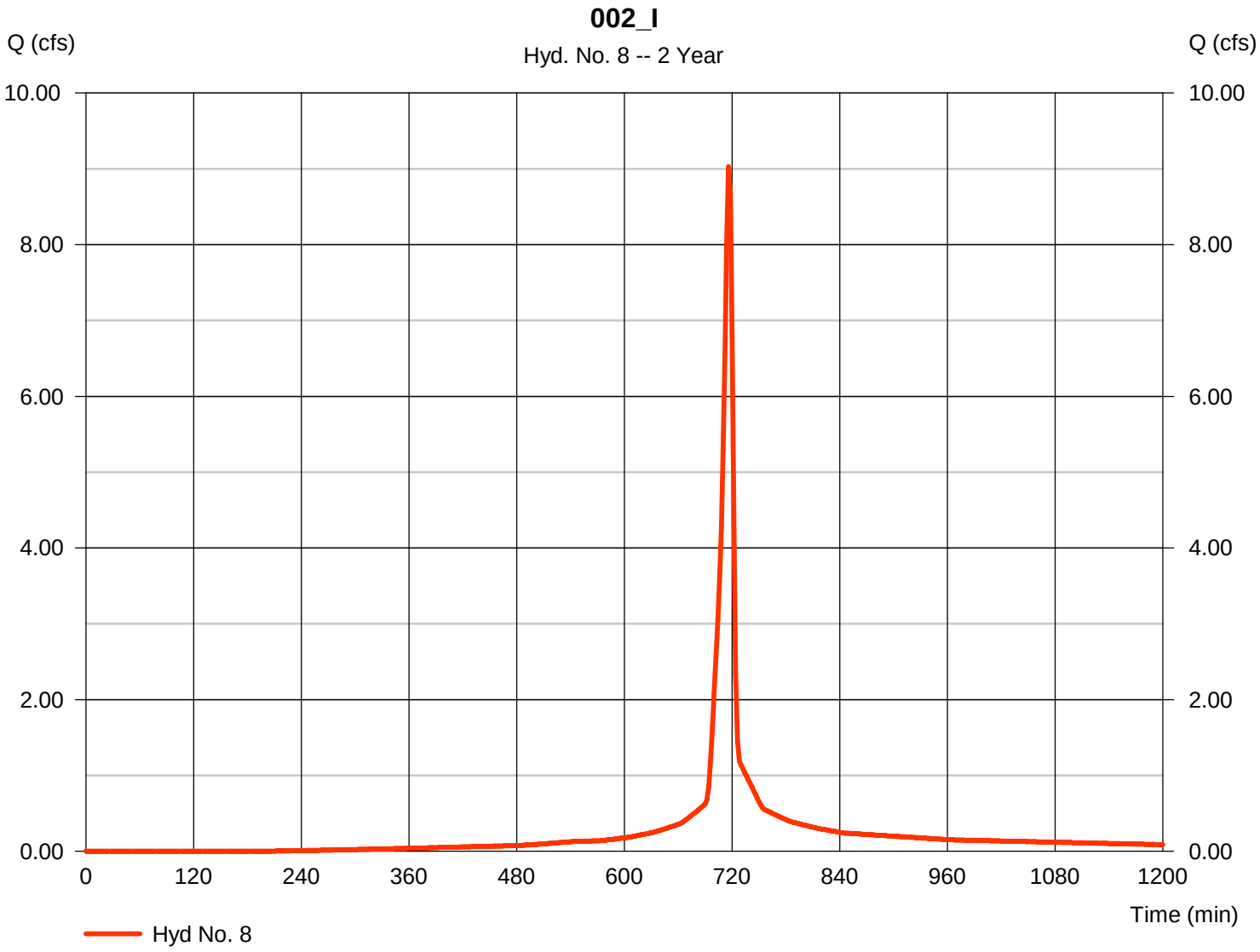
Hydrograph Report

Hyd. No. 8

002_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	9.026 cfs
Storm frequency	=	2 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	19,615 cuft
Drainage area	=	2.120 ac	Curve number	=	94*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.802 x 98) + (0.192 x 71) + (0.125 x 71)] / 2.120



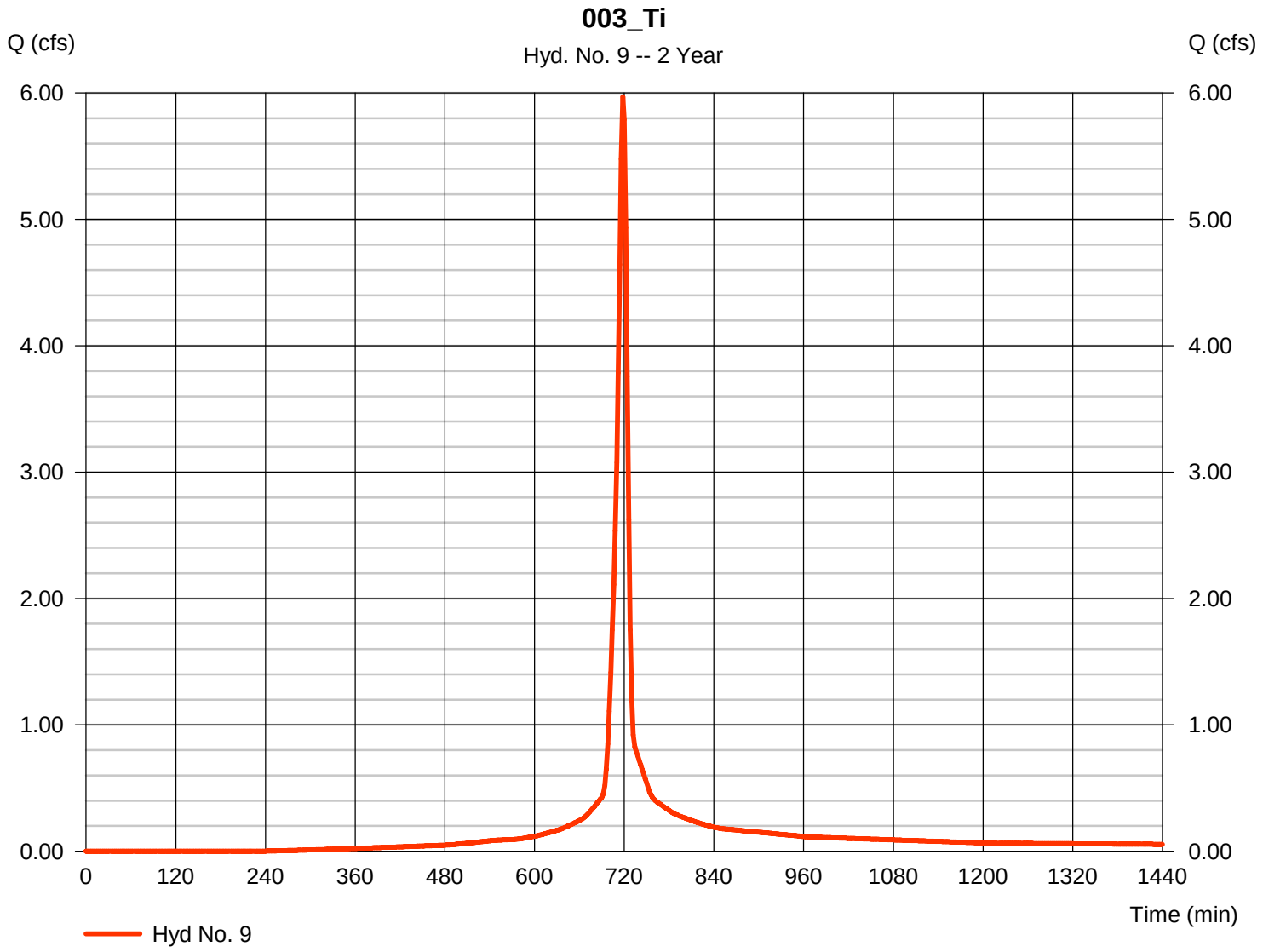
Hydrograph Report

Hyd. No. 9

003_Ti

Hydrograph type	=	SCS Runoff	Peak discharge	=	5.970 cfs
Storm frequency	=	2 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	14,356 cuft
Drainage area	=	1.510 ac	Curve number	=	93*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	9.20 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.228 x 98) + (0.234 x 71) + (0.049 x 71)] / 1.510



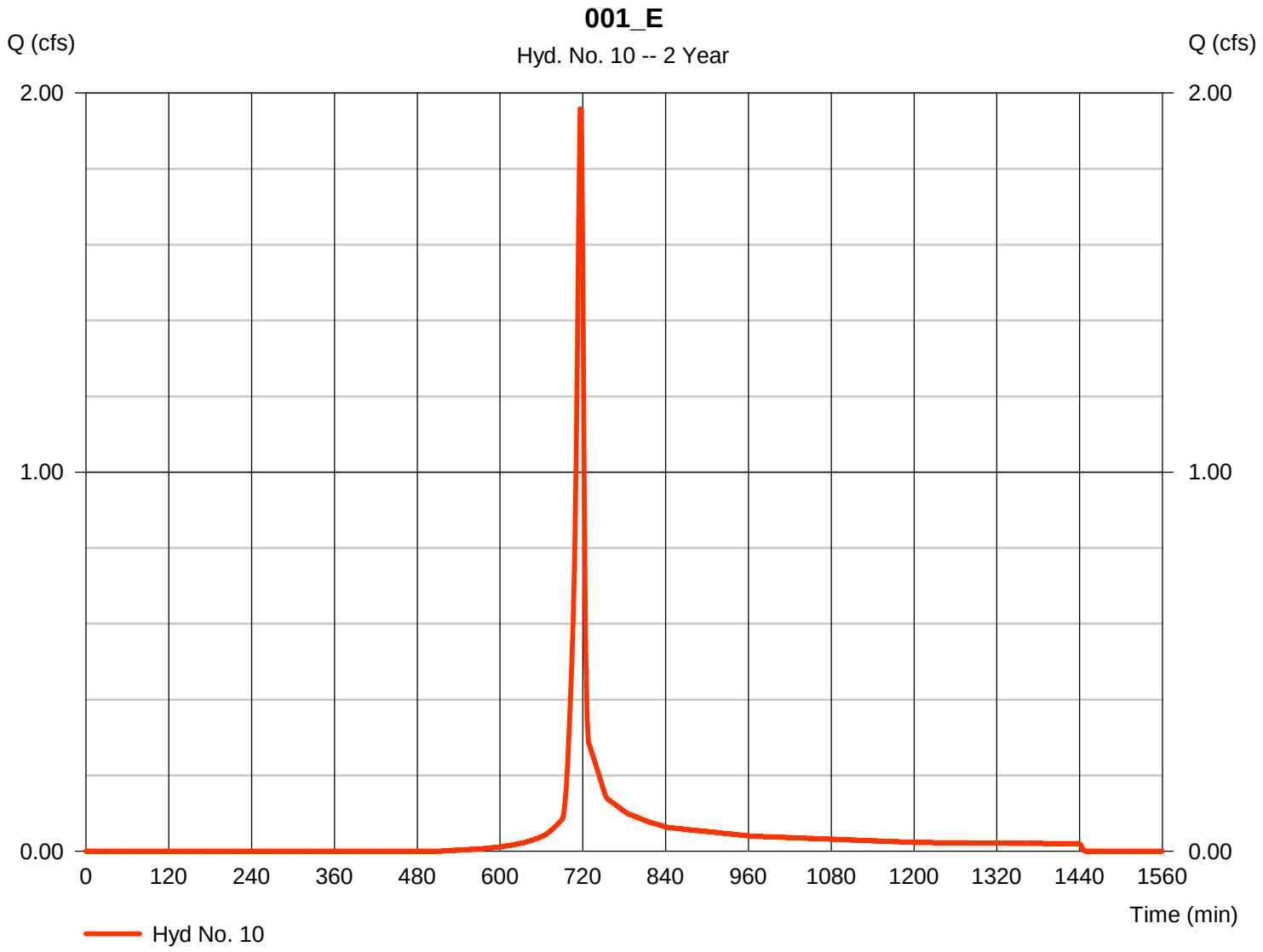
Hydrograph Report

Hyd. No. 10

001_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.958 cfs
Storm frequency	=	2 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	3,954 cuft
Drainage area	=	0.690 ac	Curve number	=	82*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.268 x 98) + (0.272 x 71) + (0.053 x 71) + (0.035 x 71) + (0.065 x 76)] / 0.690



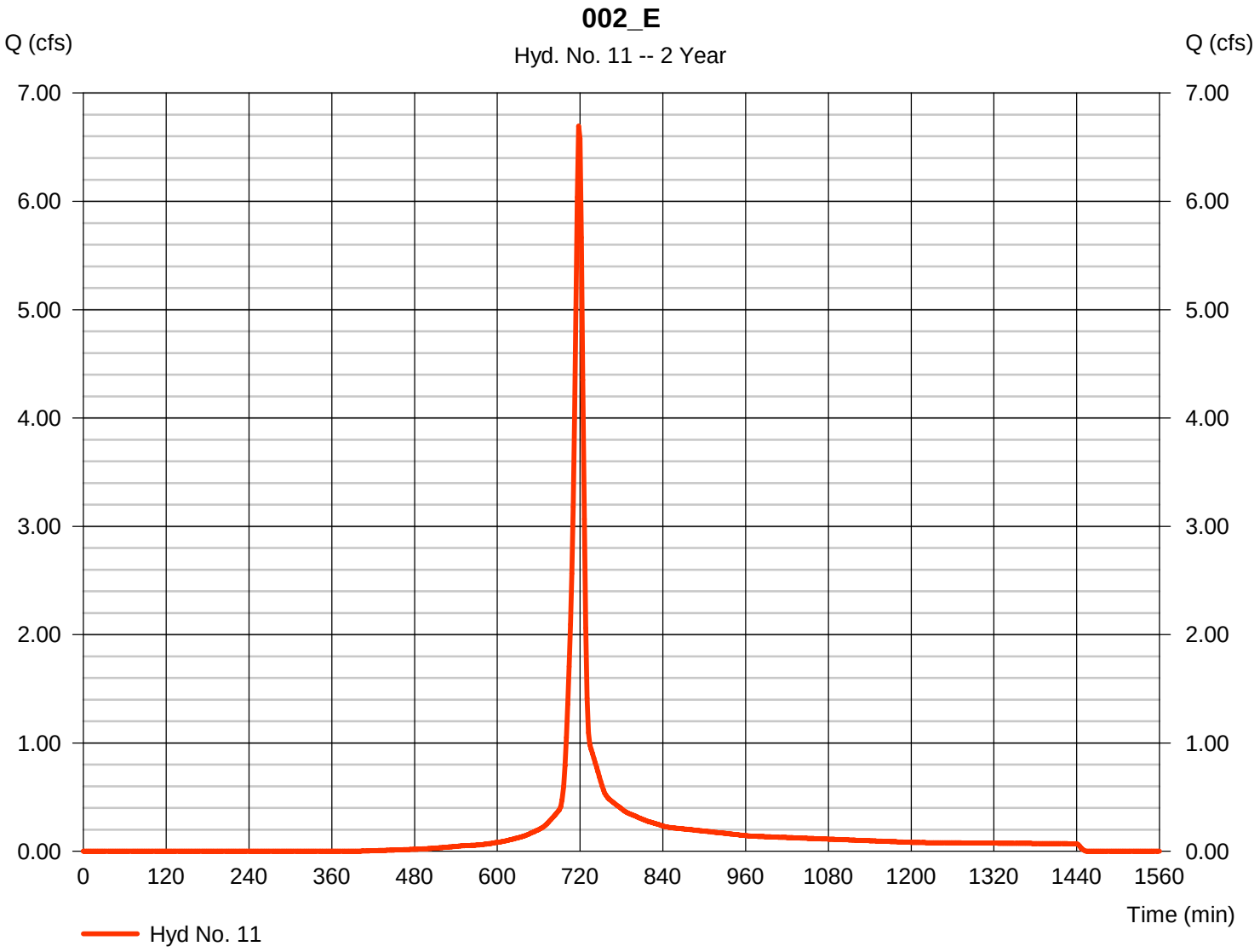
Hydrograph Report

Hyd. No. 11

002_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	6.695 cfs
Storm frequency	=	2 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	15,440 cuft
Drainage area	=	2.050 ac	Curve number	=	87*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	9.70 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.009 x 98) + (1.040 x 76)] / 2.050



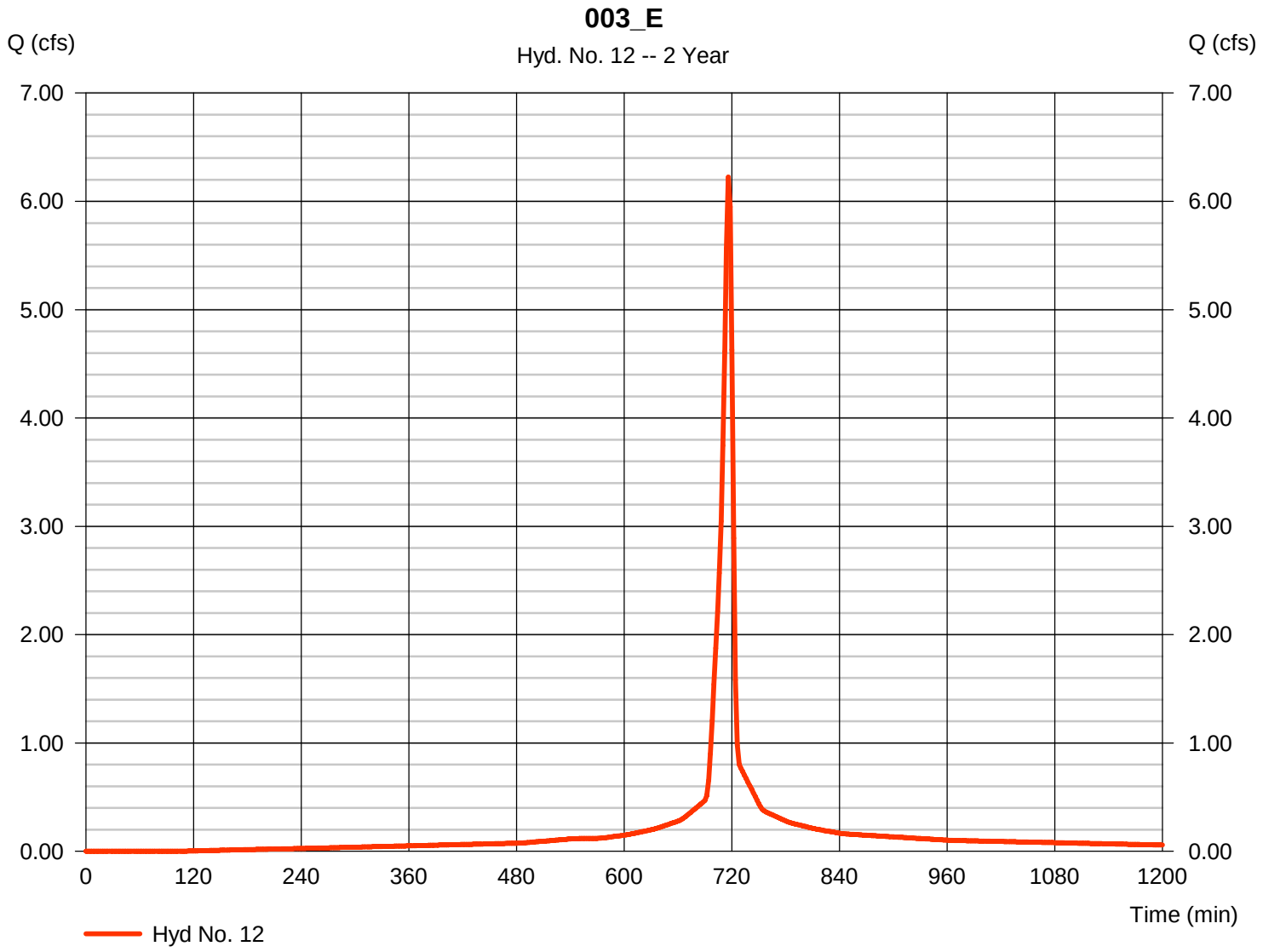
Hydrograph Report

Hyd. No. 12

003_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	6.224 cfs
Storm frequency	=	2 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	14,254 cuft
Drainage area	=	1.380 ac	Curve number	=	97*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.304 x 98) + (0.073 x 71)] / 1.380



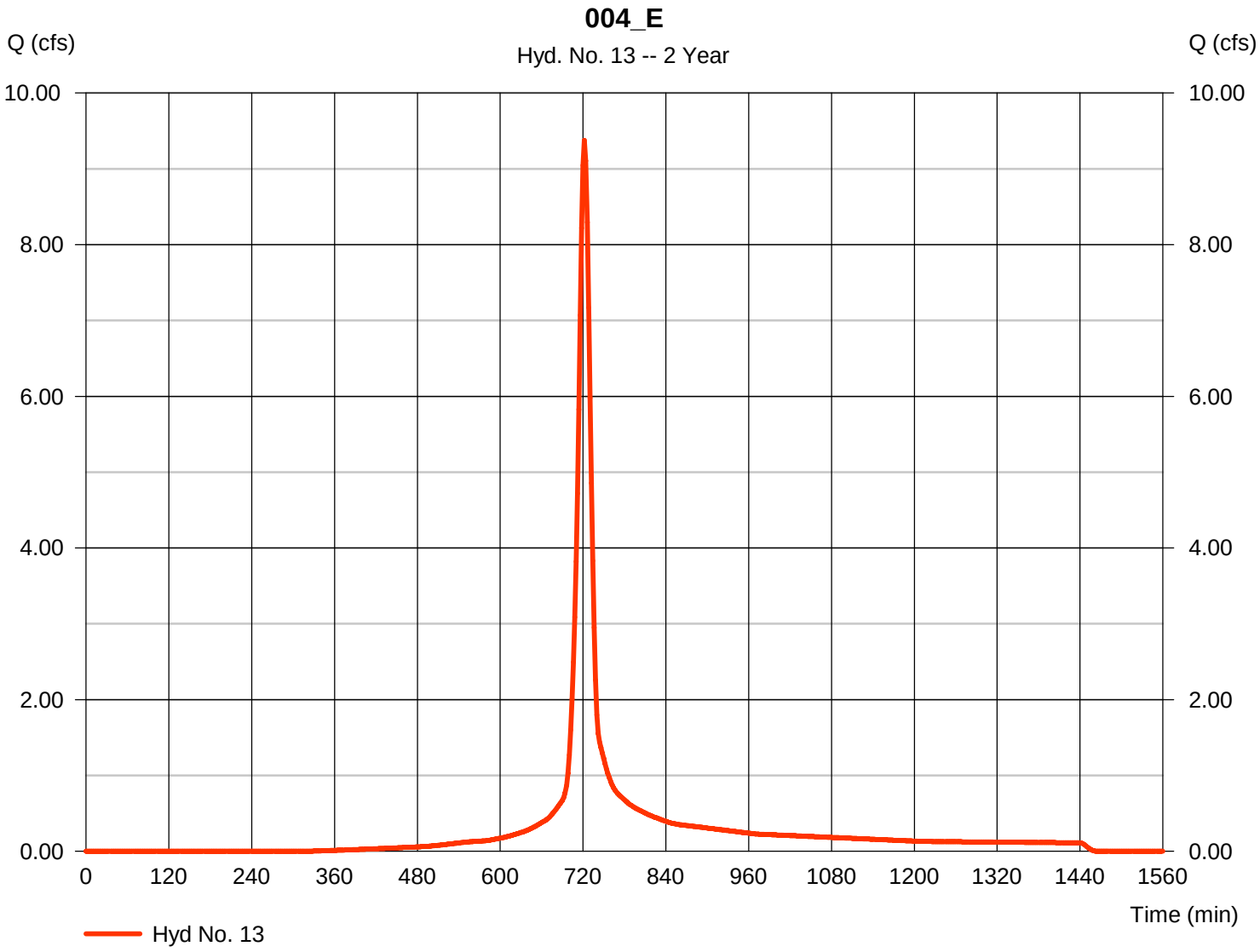
Hydrograph Report

Hyd. No. 13

004_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	9.376 cfs
Storm frequency	=	2 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	26,703 cuft
Drainage area	=	3.230 ac	Curve number	=	90*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	15.10 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.155 x 98) + (0.109 x 71) + (0.970 x 76)] / 3.230



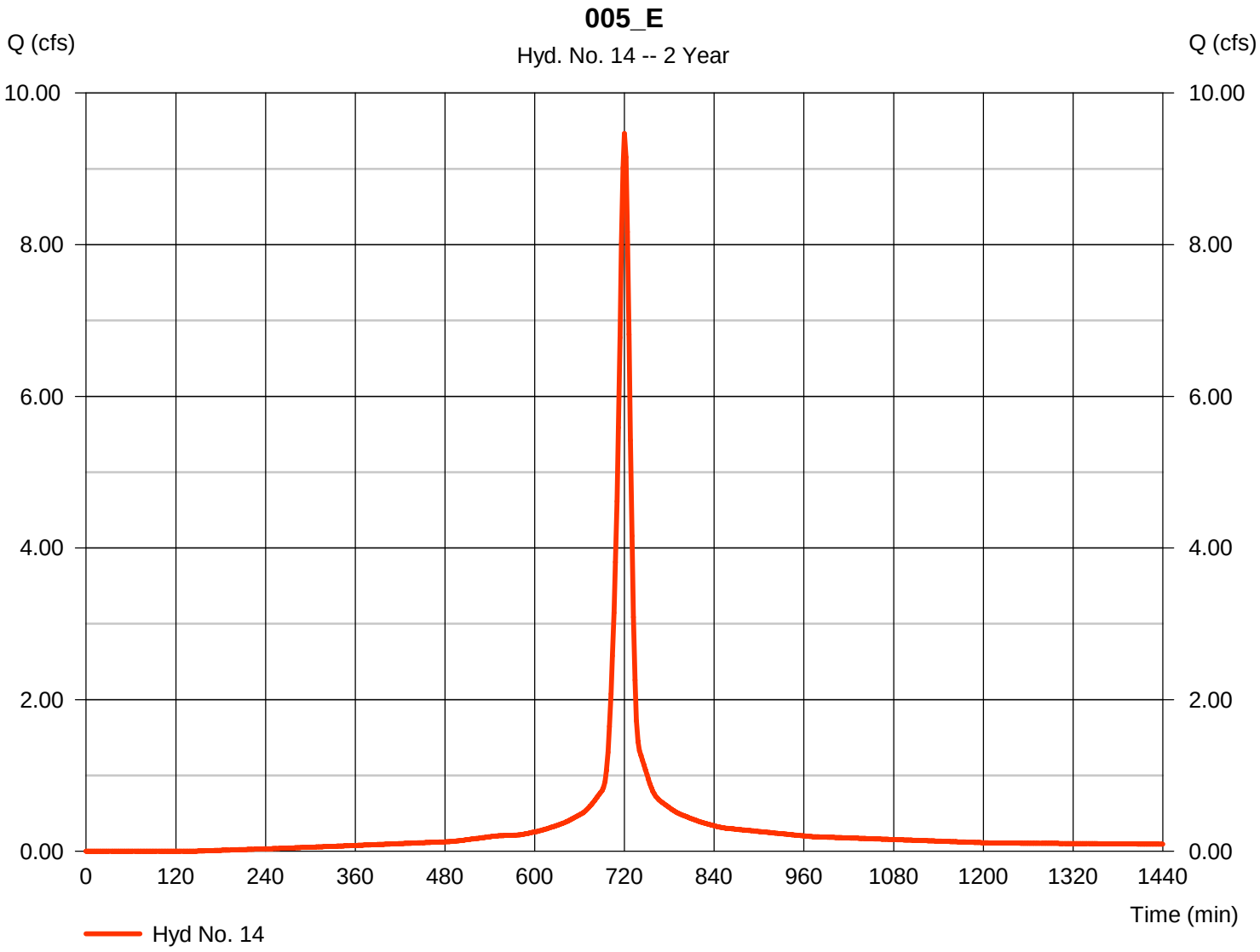
Hydrograph Report

Hyd. No. 14

005_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	9.465 cfs
Storm frequency	=	2 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	26,623 cuft
Drainage area	=	2.430 ac	Curve number	=	96*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	11.00 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.220 x 98) + (0.052 x 71) + (0.081 x 71) + (0.080 x 71)] / 2.430



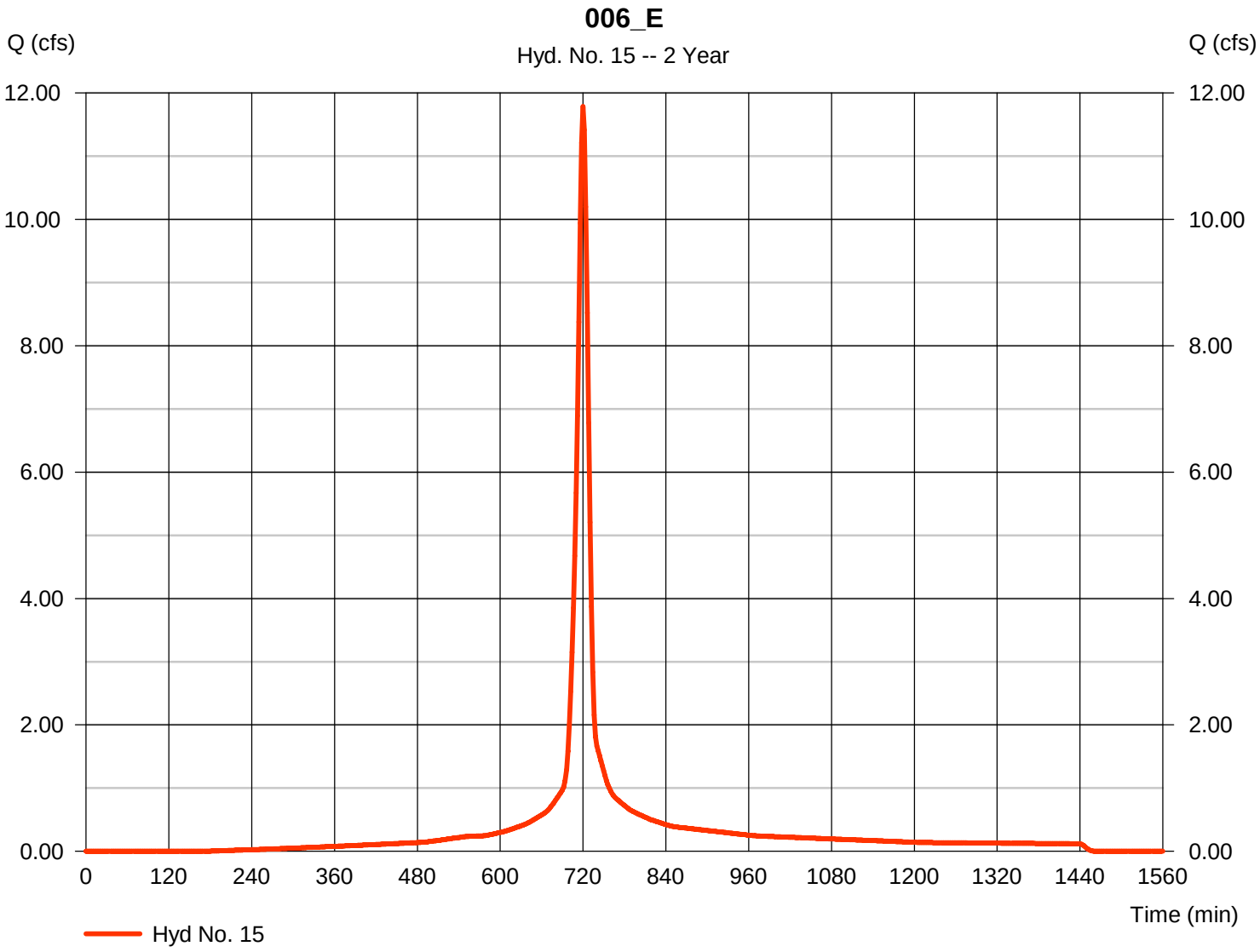
Hydrograph Report

Hyd. No. 15

006_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	11.79 cfs
Storm frequency	=	2 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	32,635 cuft
Drainage area	=	3.090 ac	Curve number	=	95*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	10.20 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.783 x 98) + (0.059 x 71) + (0.144 x 71) + (0.107 x 71)] / 3.090



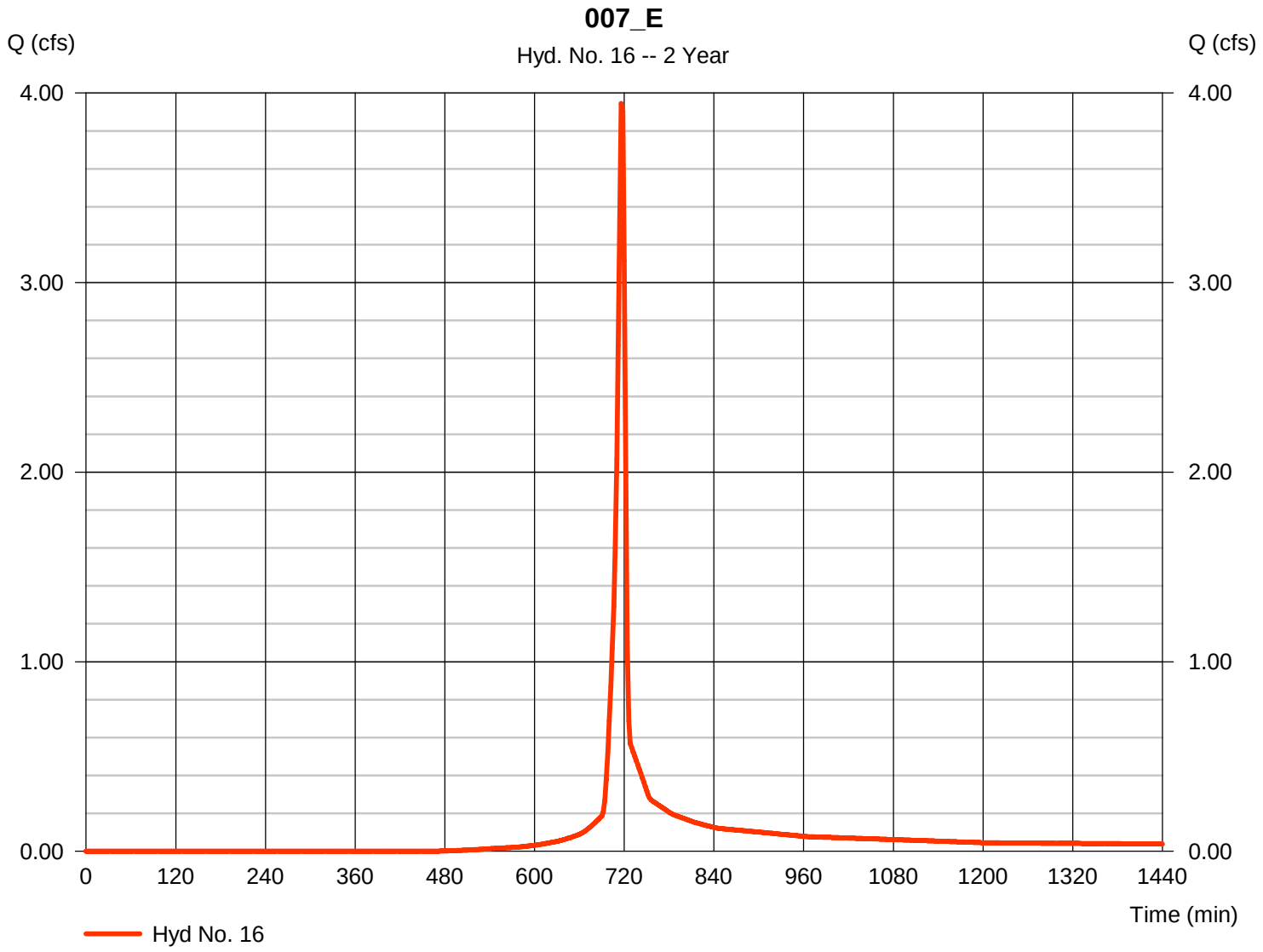
Hydrograph Report

Hyd. No. 16

007_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	3.945 cfs
Storm frequency	=	2 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	7,990 cuft
Drainage area	=	1.280 ac	Curve number	=	84*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	6.40 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.655 x 71) + (0.623 x 98)] / 1.280



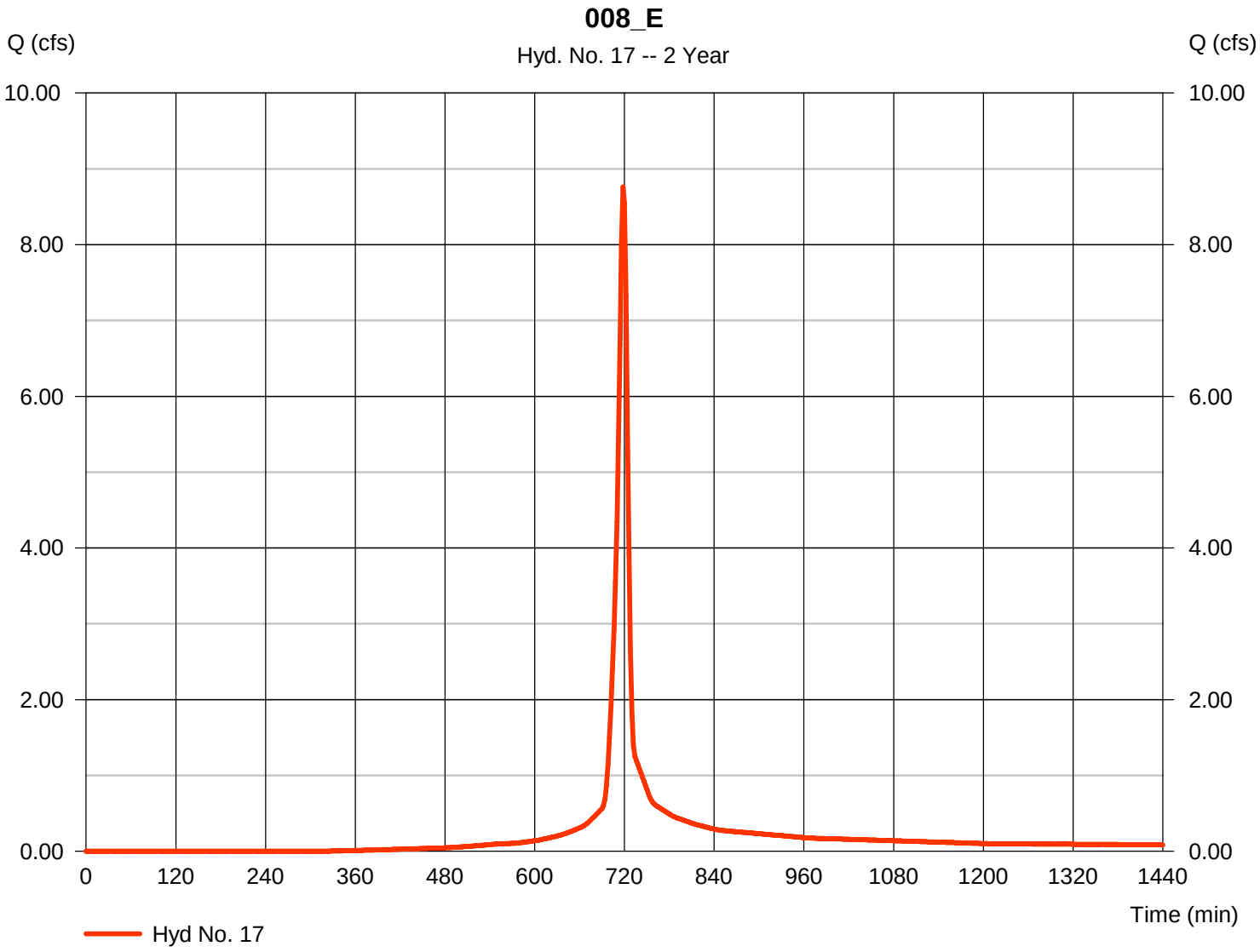
Hydrograph Report

Hyd. No. 17

008_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	8.761 cfs
Storm frequency	=	2 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	20,520 cuft
Drainage area	=	2.420 ac	Curve number	=	90*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	7.90 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.736 x 98) + (0.681 x 71)] / 2.420

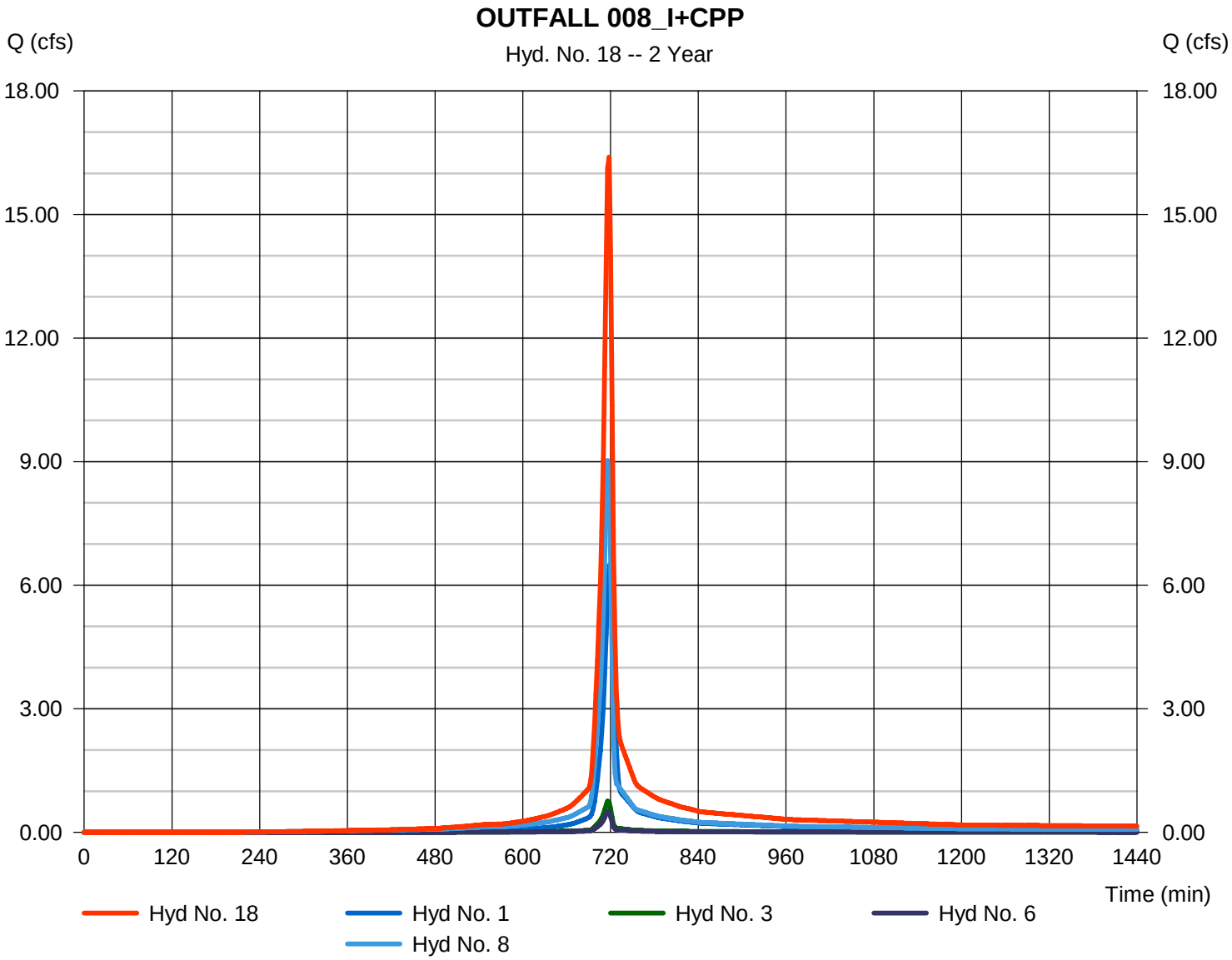


Hydrograph Report

Hyd. No. 18

OUTFALL 008_I+CPP

Hydrograph type	=	Combine	Peak discharge	=	16.39 cfs
Storm frequency	=	2 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	37,201 cuft
Inflow hyds.	=	1, 3, 6, 8	Contrib. drain. area	=	4.493 ac

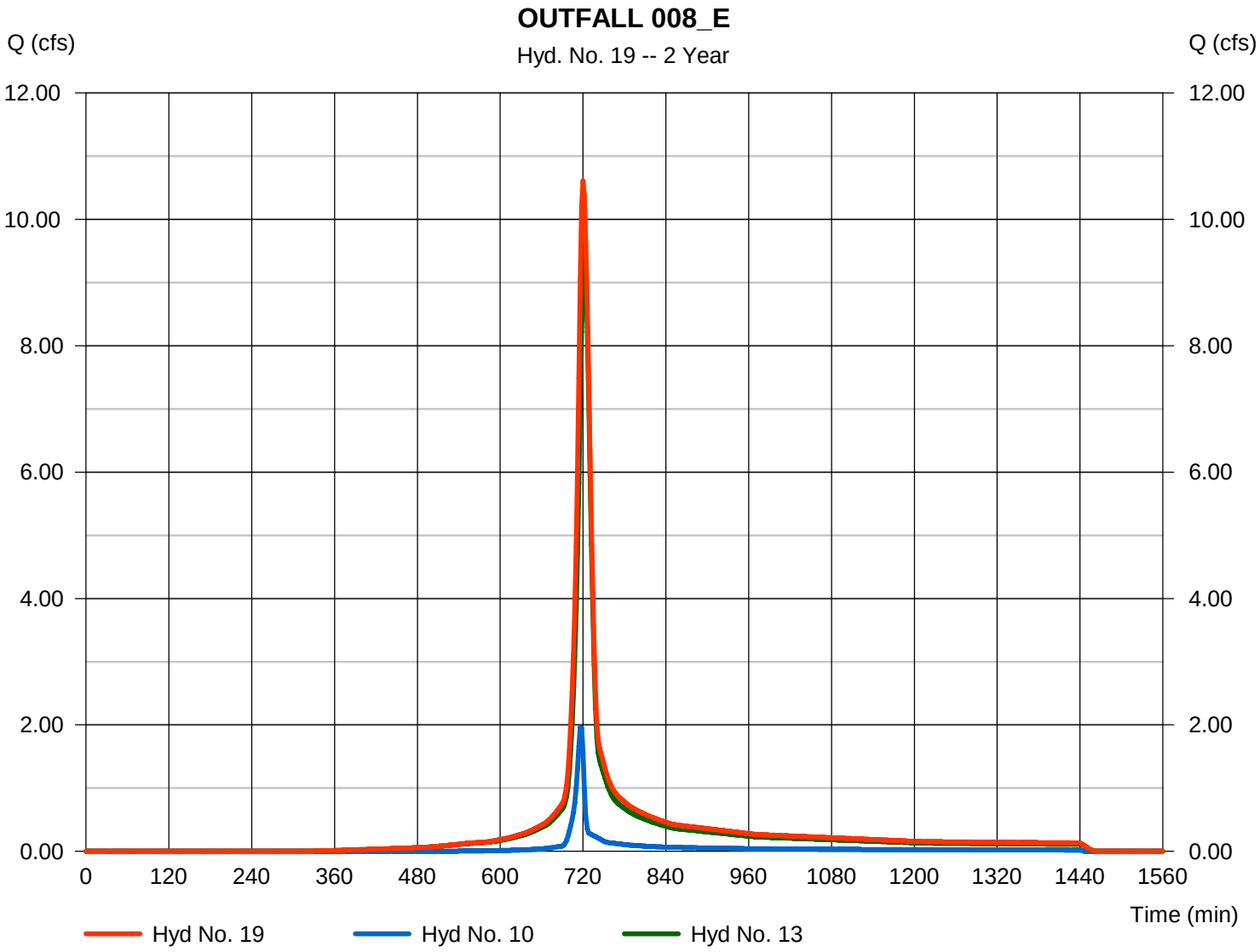


Hydrograph Report

Hyd. No. 19

OUTFALL 008_E

Hydrograph type	= Combine	Peak discharge	= 10.61 cfs
Storm frequency	= 2 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 30,658 cuft
Inflow hyds.	= 10, 13	Contrib. drain. area	= 3.920 ac

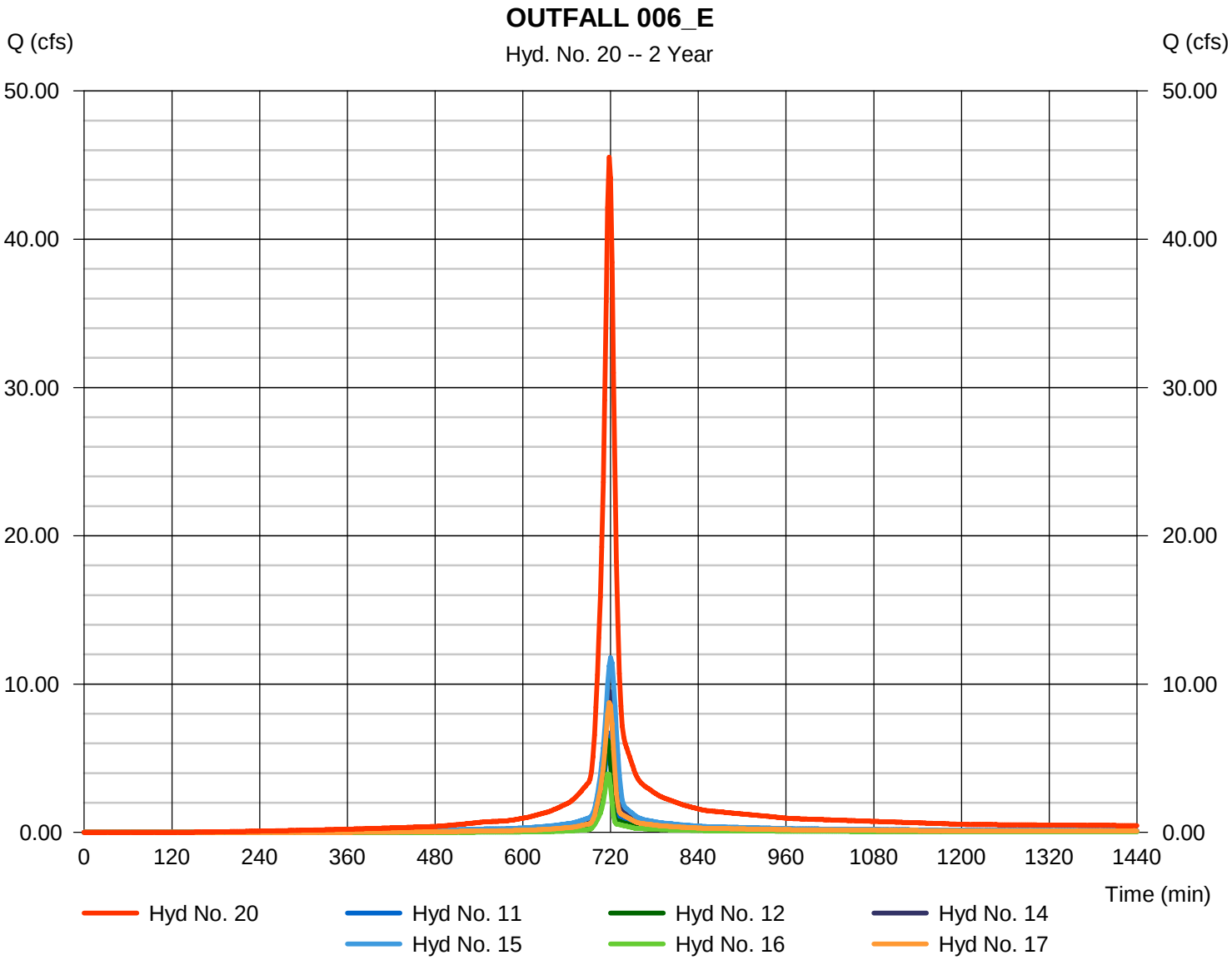


Hydrograph Report

Hyd. No. 20

OUTFALL 006_E

Hydrograph type	= Combine	Peak discharge	= 45.53 cfs
Storm frequency	= 2 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 117,462 cuft
Inflow hyds.	= 11, 12, 14, 15, 16, 17	Contrib. drain. area	= 12.650 ac

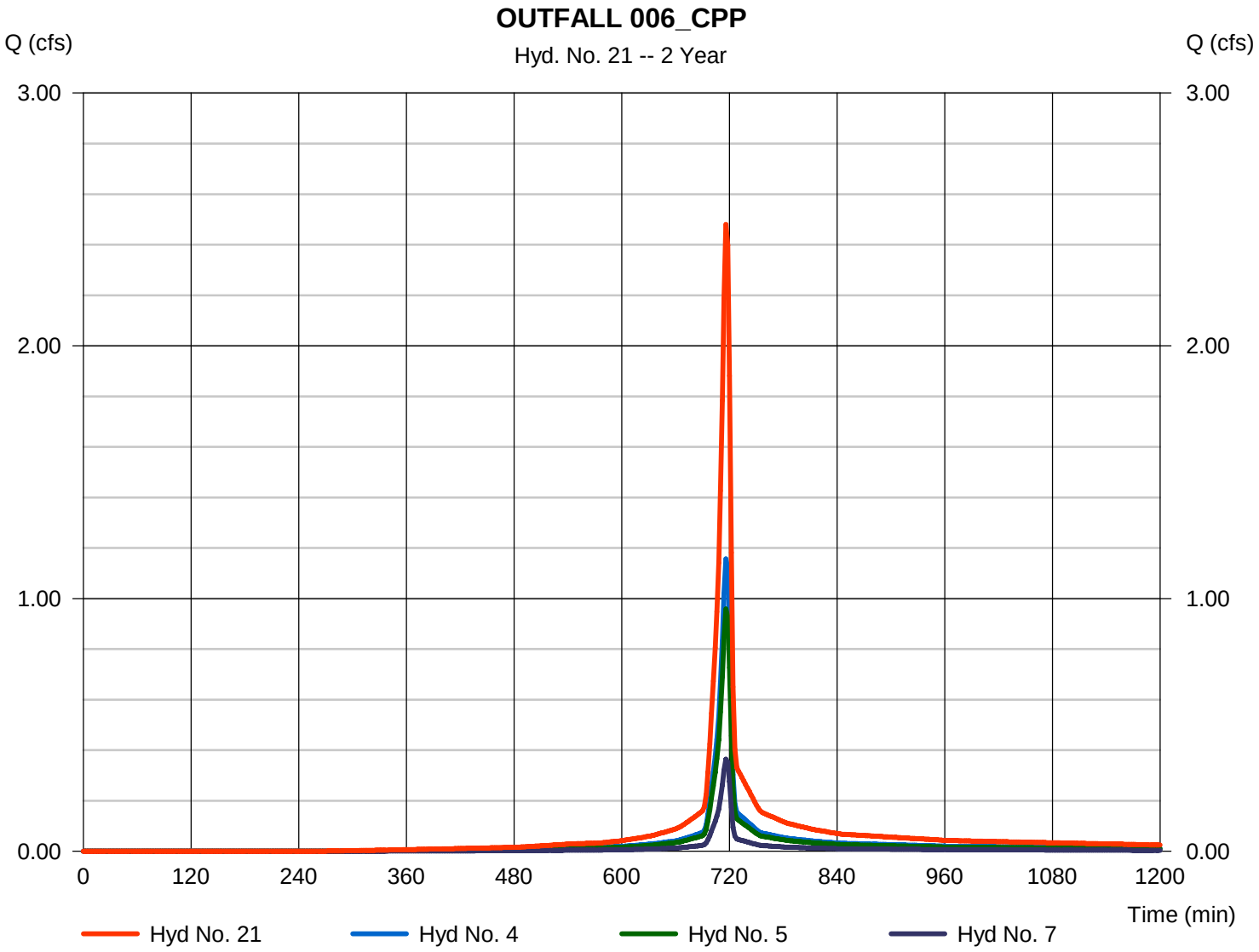


Hydrograph Report

Hyd. No. 21

OUTFALL 006_CPP

Hydrograph type	= Combine	Peak discharge	= 2.480 cfs
Storm frequency	= 2 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 5,261 cuft
Inflow hyds.	= 4, 5, 7	Contrib. drain. area	= 0.613 ac

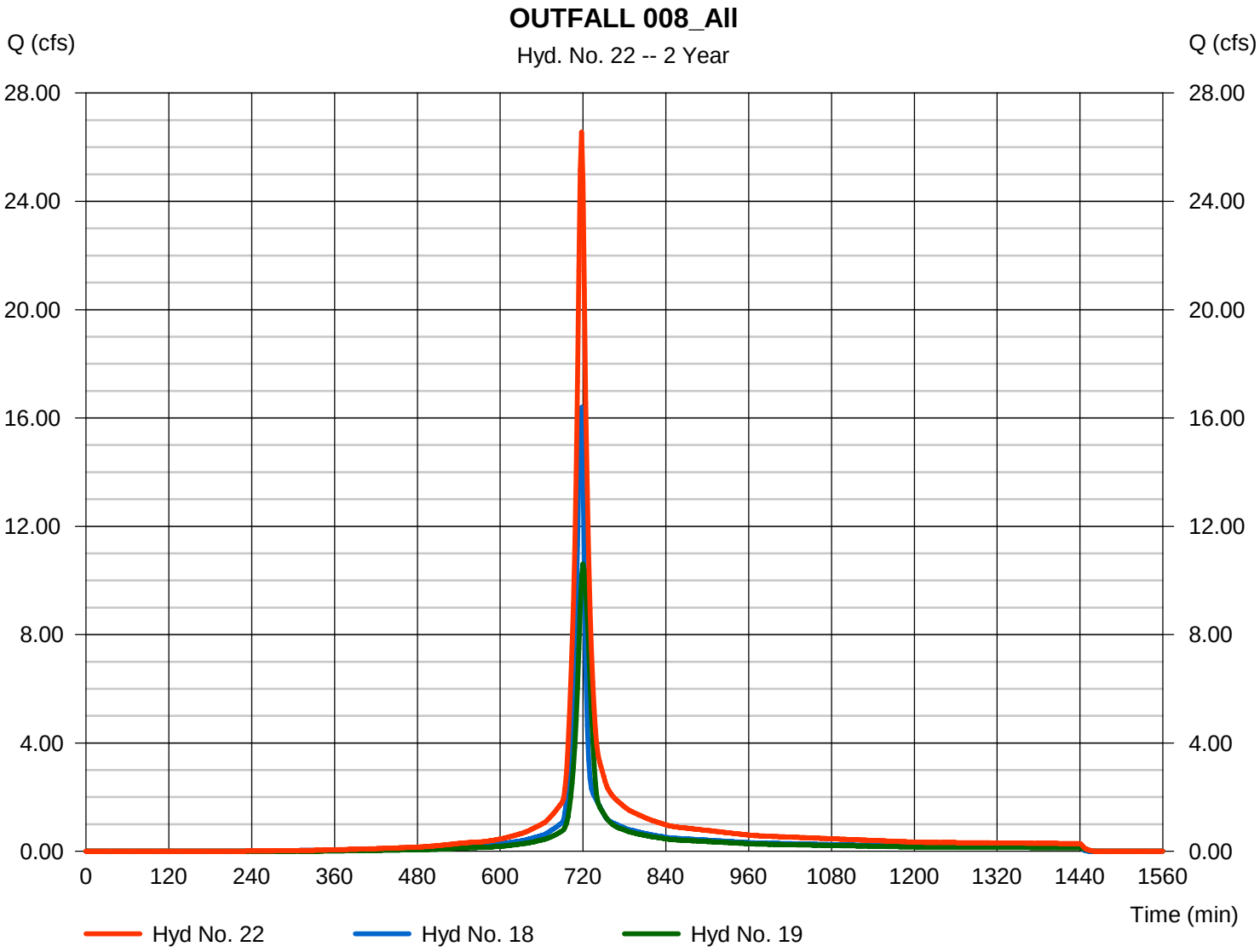


Hydrograph Report

Hyd. No. 22

OUTFALL 008_All

Hydrograph type	= Combine	Peak discharge	= 26.56 cfs
Storm frequency	= 2 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 67,858 cuft
Inflow hyds.	= 18, 19	Contrib. drain. area	= 0.000 ac

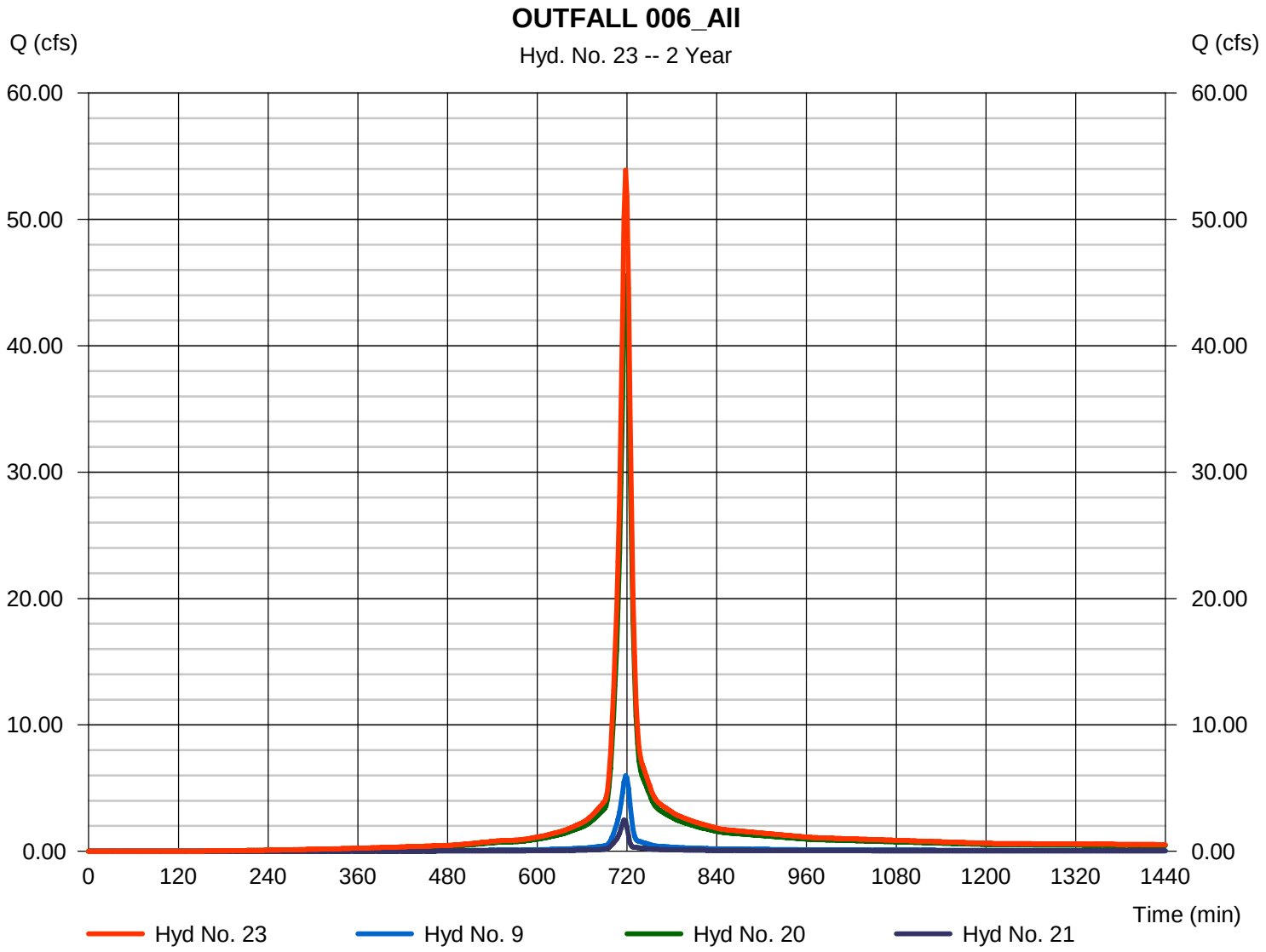


Hydrograph Report

Hyd. No. 23

OUTFALL 006_All

Hydrograph type	= Combine	Peak discharge	= 53.90 cfs
Storm frequency	= 2 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 137,079 cuft
Inflow hyds.	= 9, 20, 21	Contrib. drain. area	= 1.510 ac



Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	11.60	2	718	27,254	------	------	------	001_I
2	SCS Runoff	1.718	2	716	3,768	------	------	------	004_CPP
3	SCS Runoff	1.240	2	716	2,721	------	------	------	005_CPP
4	SCS Runoff	1.897	2	716	4,161	------	------	------	006_CPP
5	SCS Runoff	1.572	2	716	3,448	------	------	------	007_CPP
6	SCS Runoff	0.836	2	716	1,833	------	------	------	008_CPP
7	SCS Runoff	0.597	2	716	1,309	------	------	------	009_CPP
8	SCS Runoff	14.45	2	716	32,433	------	------	------	002_I
9	SCS Runoff	9.686	2	718	24,033	------	------	------	003_Ti
10	SCS Runoff	3.721	2	716	7,630	------	------	------	001_E
11	SCS Runoff	11.80	2	718	27,880	------	------	------	002_E
12	SCS Runoff	9.680	2	716	22,714	------	------	------	003_E
13	SCS Runoff	15.88	2	722	46,410	------	------	------	004_E
14	SCS Runoff	14.87	2	720	42,949	------	------	------	005_E
15	SCS Runoff	18.71	2	720	53,299	------	------	------	006_E
16	SCS Runoff	7.255	2	716	15,005	------	------	------	007_E
17	SCS Runoff	14.79	2	718	35,663	------	------	------	008_E
18	Combine	27.44	2	718	64,241	1, 3, 6, 8,	------	------	OUTFALL 008_I+CPP
19	Combine	18.30	2	720	54,041	10, 13,	------	------	OUTFALL 008_E
20	Combine	74.95	2	718	197,510	11, 12, 14, 15, 16, 17,	------	------	OUTFALL 006_E
21	Combine	4.066	2	716	8,918	4, 5, 7,	------	------	OUTFALL 006_CPP
22	Combine	45.19	2	718	118,282	18, 19,	------	------	OUTFALL 008_All
23	Combine	88.54	2	718	230,461	9, 20, 21,	------	------	OUTFALL 006_All

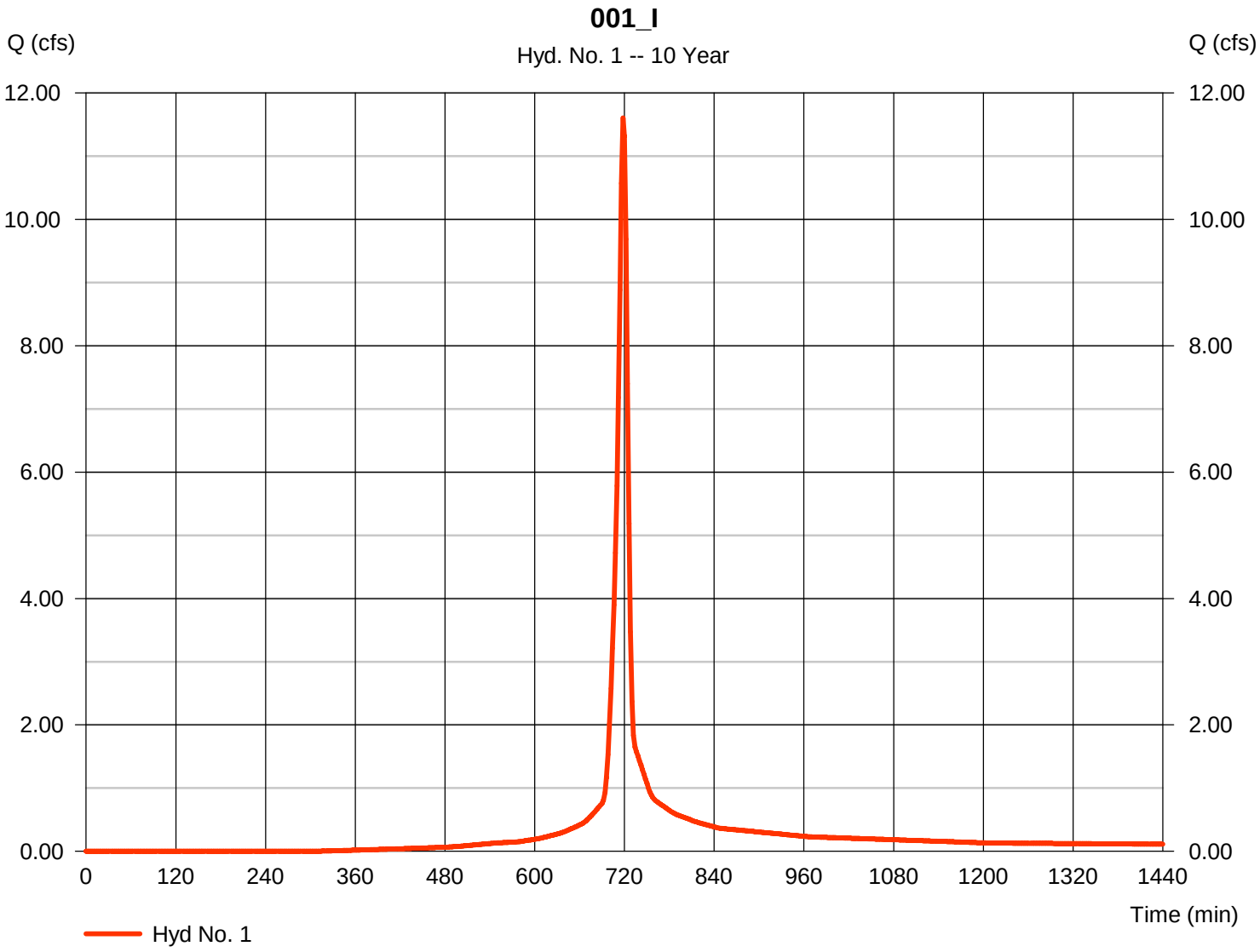
Hydrograph Report

Hyd. No. 1

001_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	11.60 cfs
Storm frequency	=	10 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	27,254 cuft
Drainage area	=	2.060 ac	Curve number	=	86*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	7.20 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.140 x 98) + (0.860 x 71) + (0.060 x 71)] / 2.060

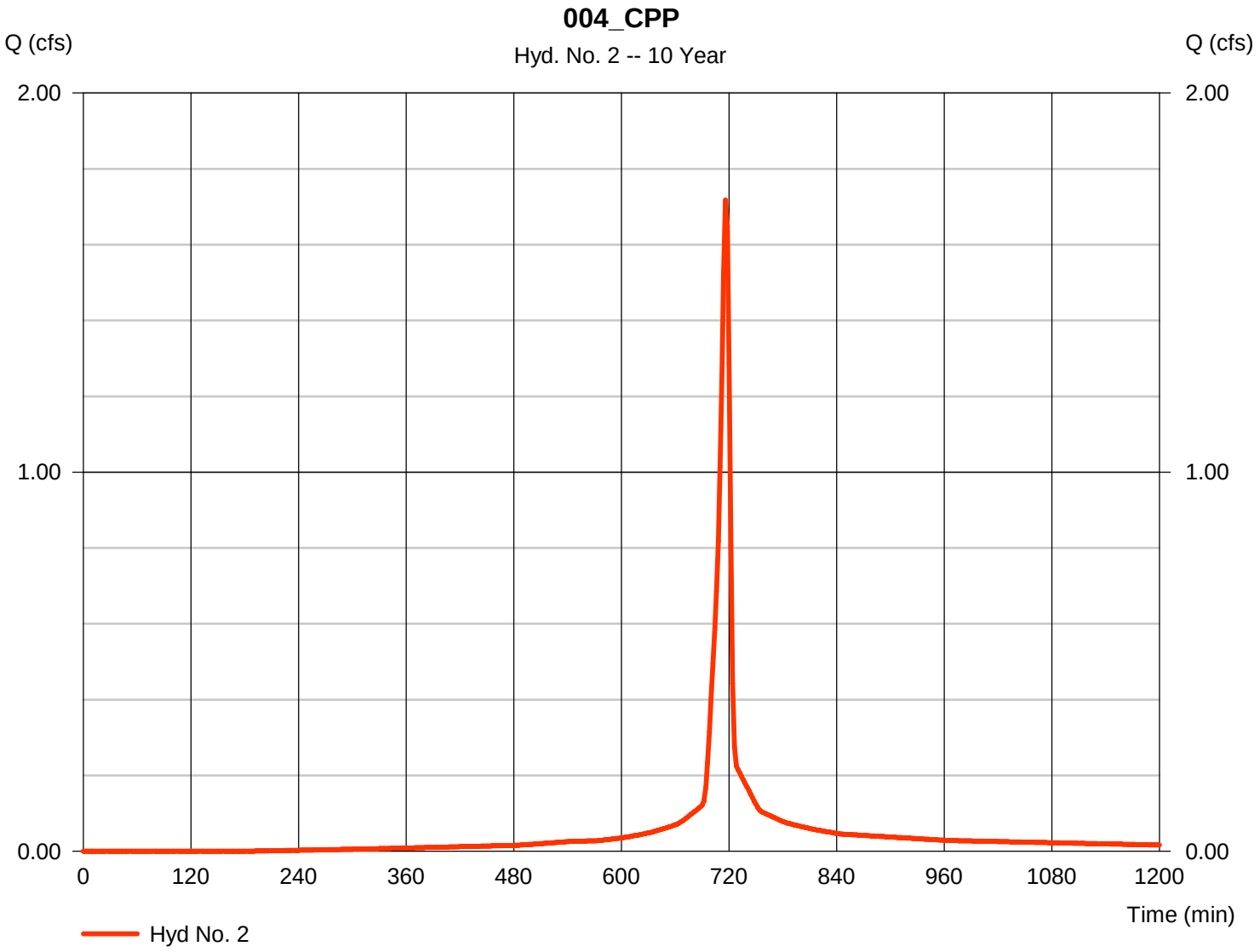


Hydrograph Report

Hyd. No. 2

004_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.718 cfs
Storm frequency	=	10 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	3,768 cuft
Drainage area	=	0.259 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

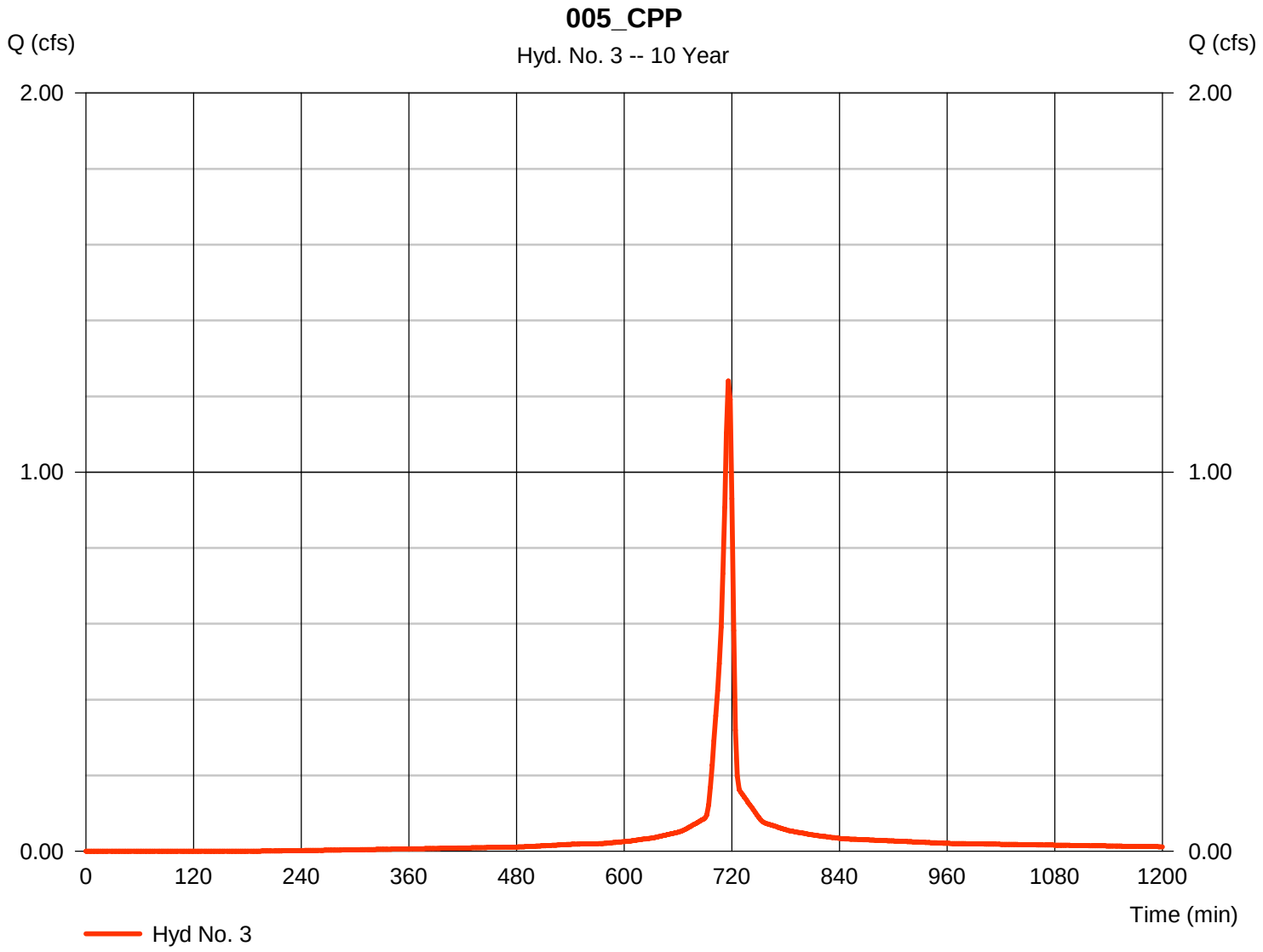


Hydrograph Report

Hyd. No. 3

005_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.240 cfs
Storm frequency	=	10 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	2,721 cuft
Drainage area	=	0.187 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

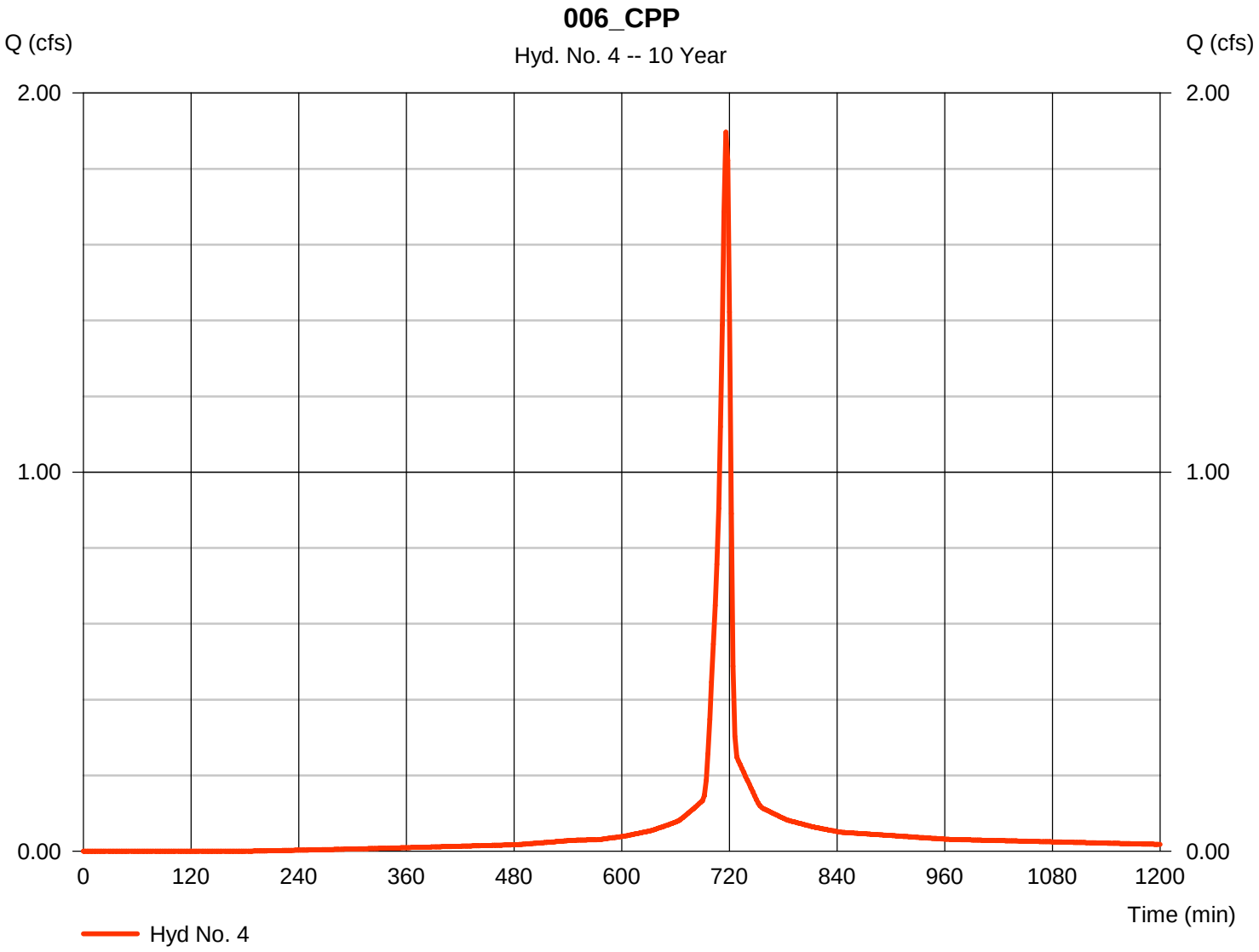


Hydrograph Report

Hyd. No. 4

006_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.897 cfs
Storm frequency	=	10 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	4,161 cuft
Drainage area	=	0.286 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

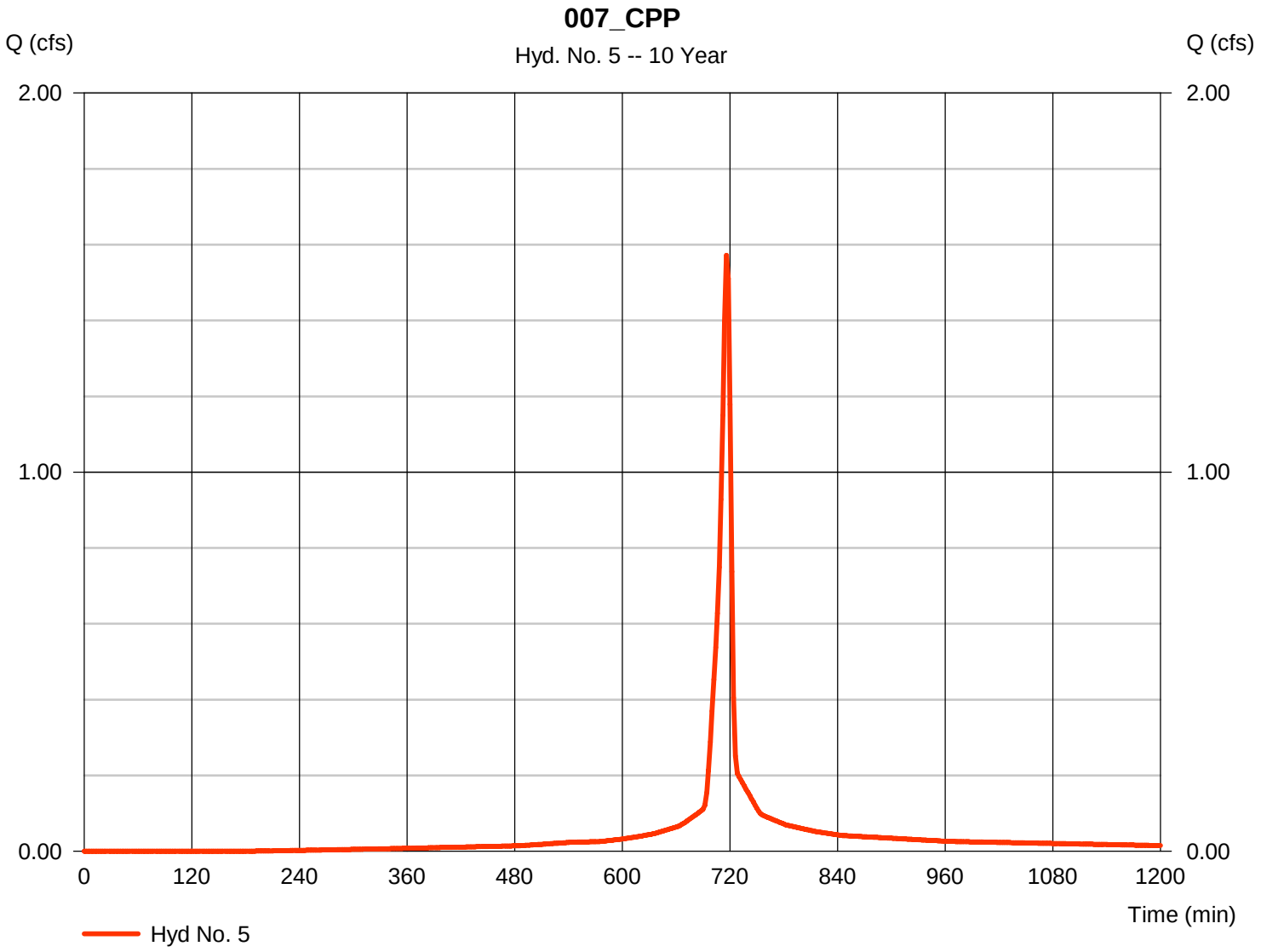


Hydrograph Report

Hyd. No. 5

007_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.572 cfs
Storm frequency	=	10 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	3,448 cuft
Drainage area	=	0.237 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

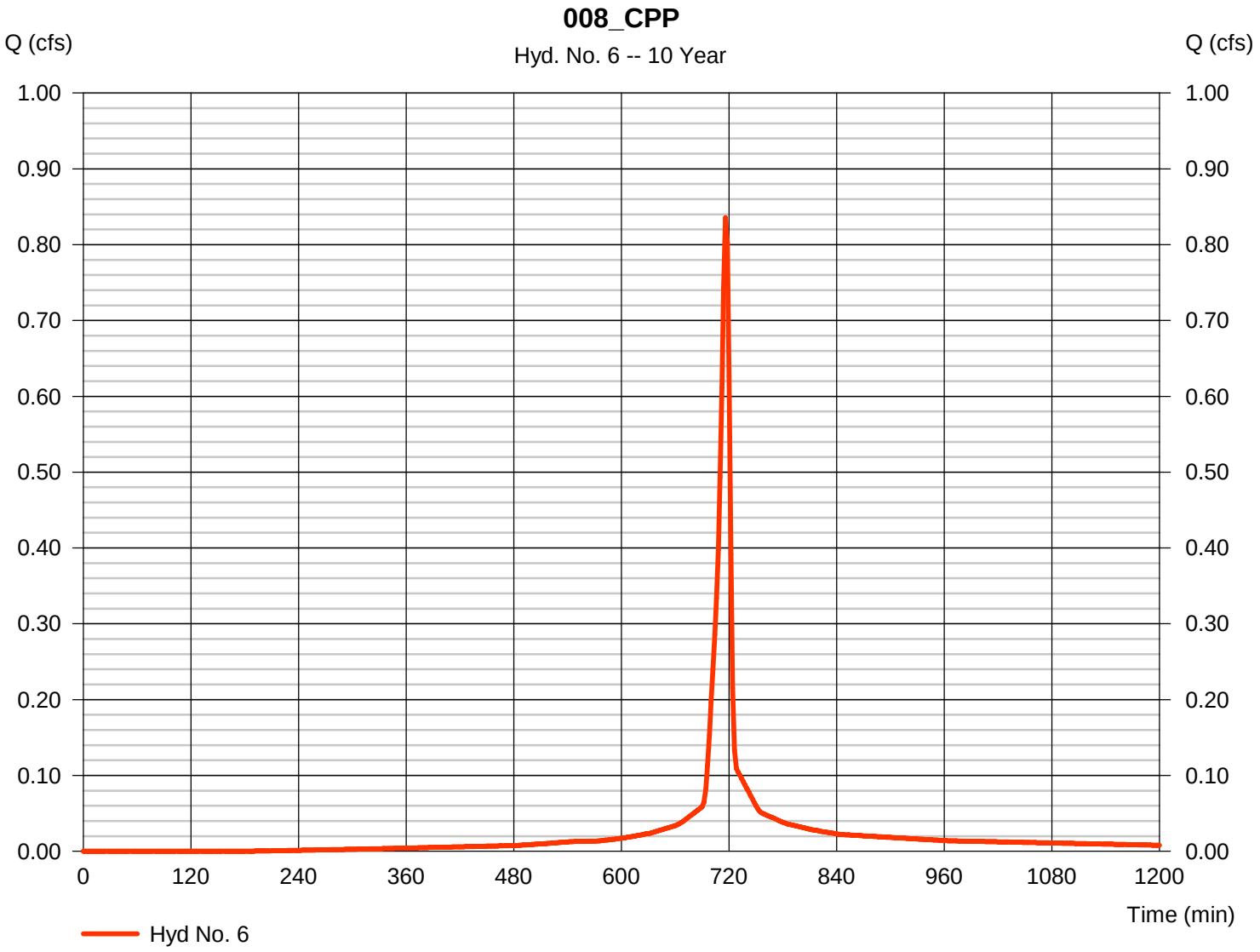


Hydrograph Report

Hyd. No. 6

008_CPP

Hydrograph type	= SCS Runoff	Peak discharge	= 0.836 cfs
Storm frequency	= 10 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 1,833 cuft
Drainage area	= 0.126 ac	Curve number	= 92
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 6.00 min
Total precip.	= 5.19 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

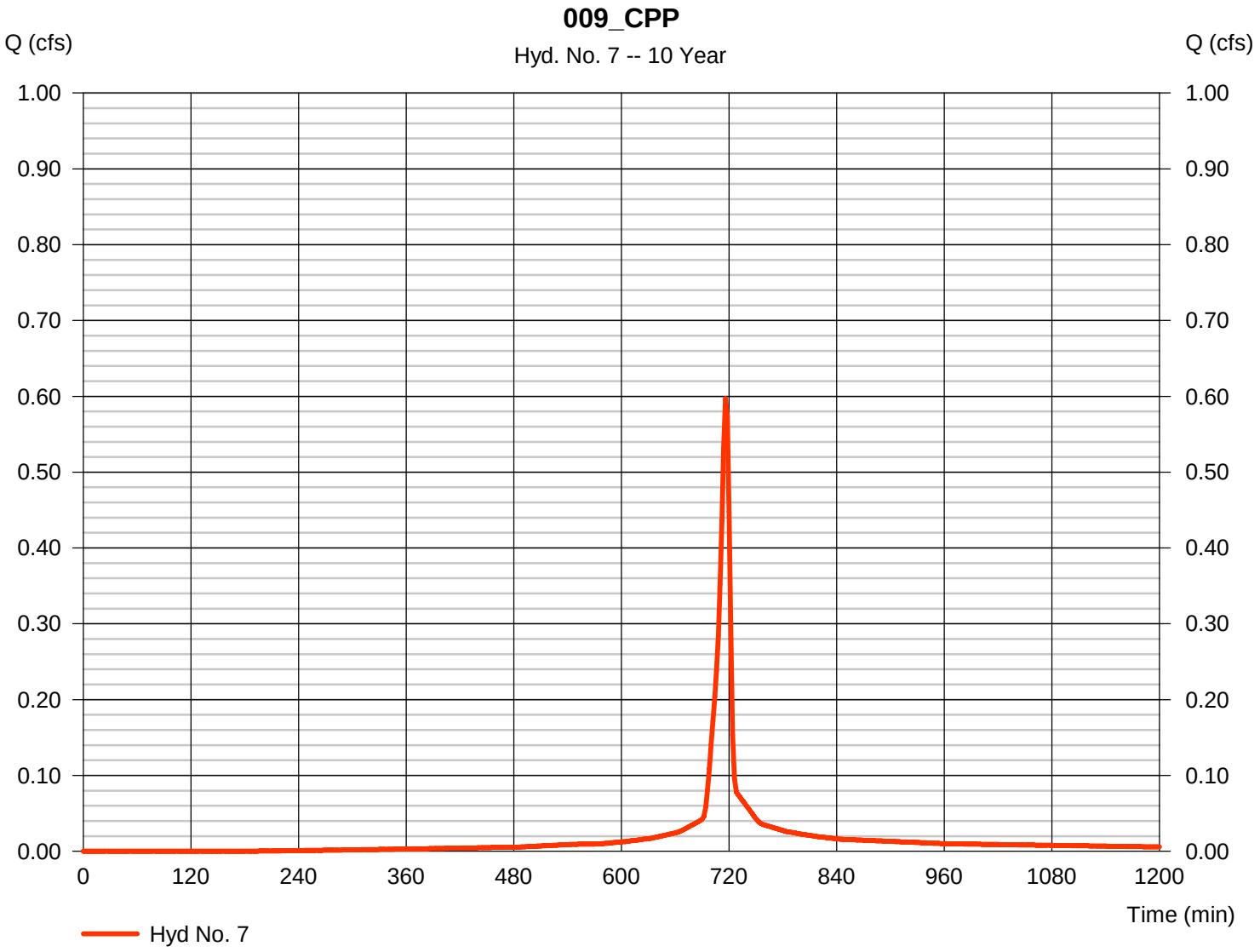


Hydrograph Report

Hyd. No. 7

009_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.597 cfs
Storm frequency	=	10 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	1,309 cuft
Drainage area	=	0.090 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484



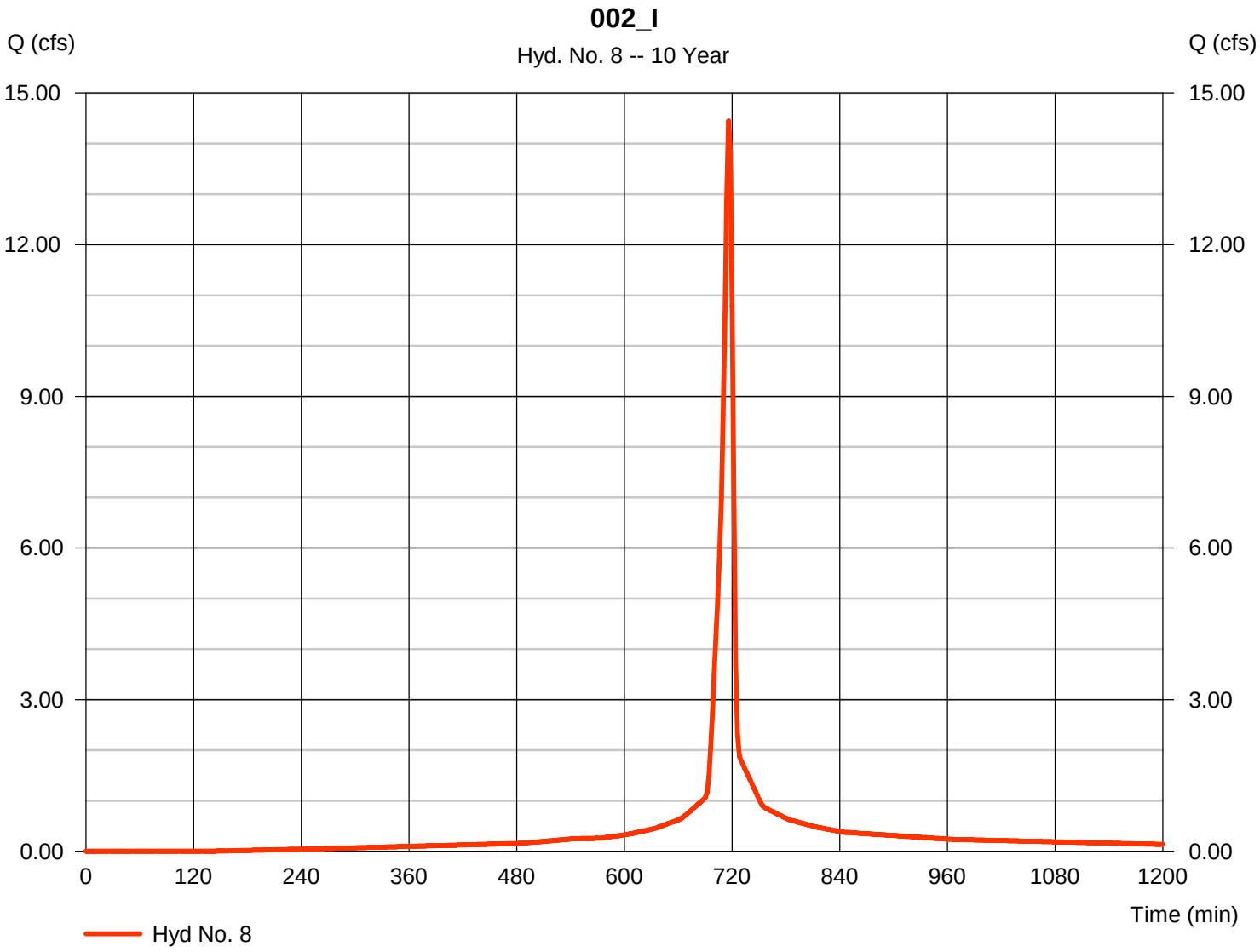
Hydrograph Report

Hyd. No. 8

002_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	14.45 cfs
Storm frequency	=	10 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	32,433 cuft
Drainage area	=	2.120 ac	Curve number	=	94*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.802 x 98) + (0.192 x 71) + (0.125 x 71)] / 2.120



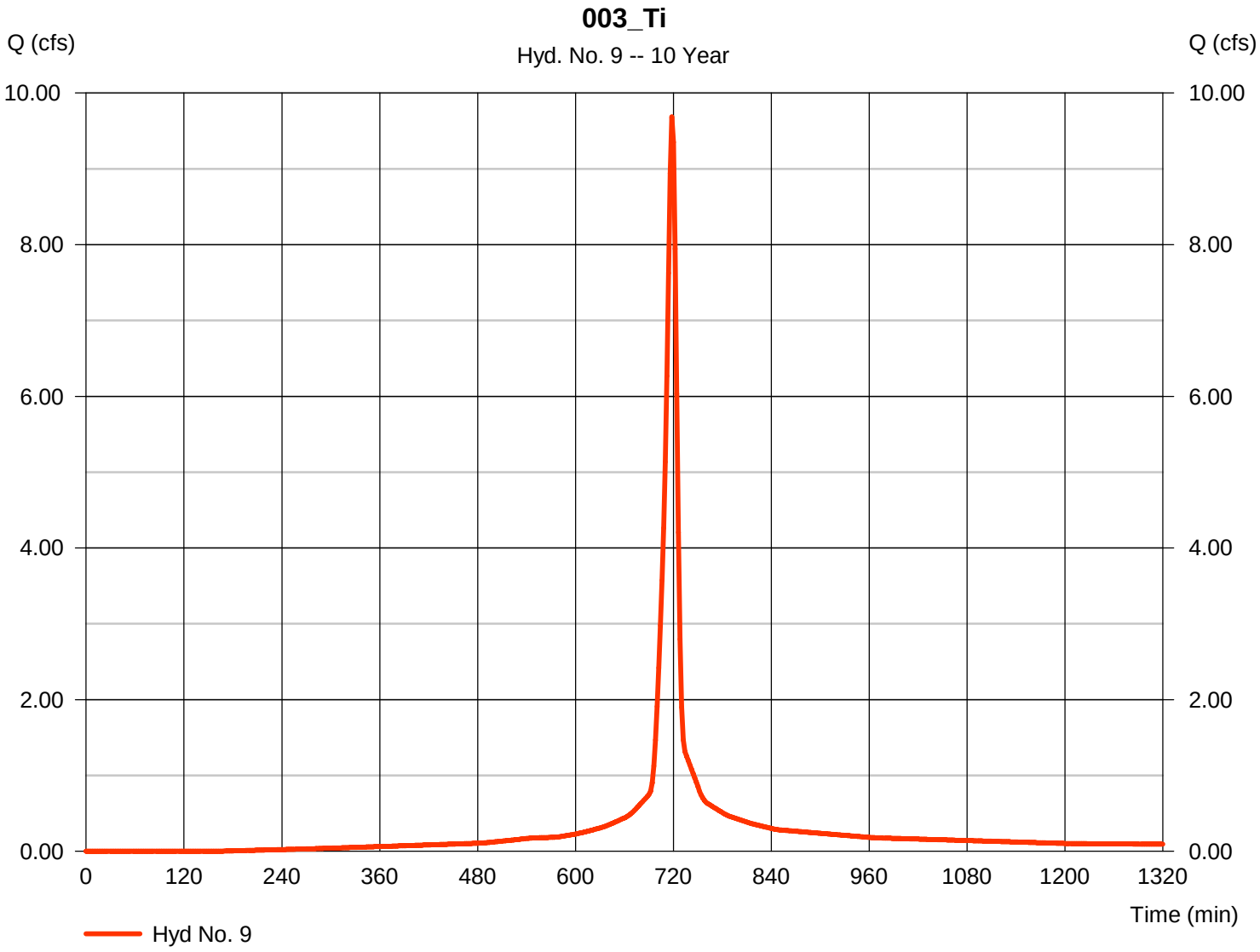
Hydrograph Report

Hyd. No. 9

003_Ti

Hydrograph type	=	SCS Runoff	Peak discharge	=	9.686 cfs
Storm frequency	=	10 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	24,033 cuft
Drainage area	=	1.510 ac	Curve number	=	93*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	9.20 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.228 x 98) + (0.234 x 71) + (0.049 x 71)] / 1.510



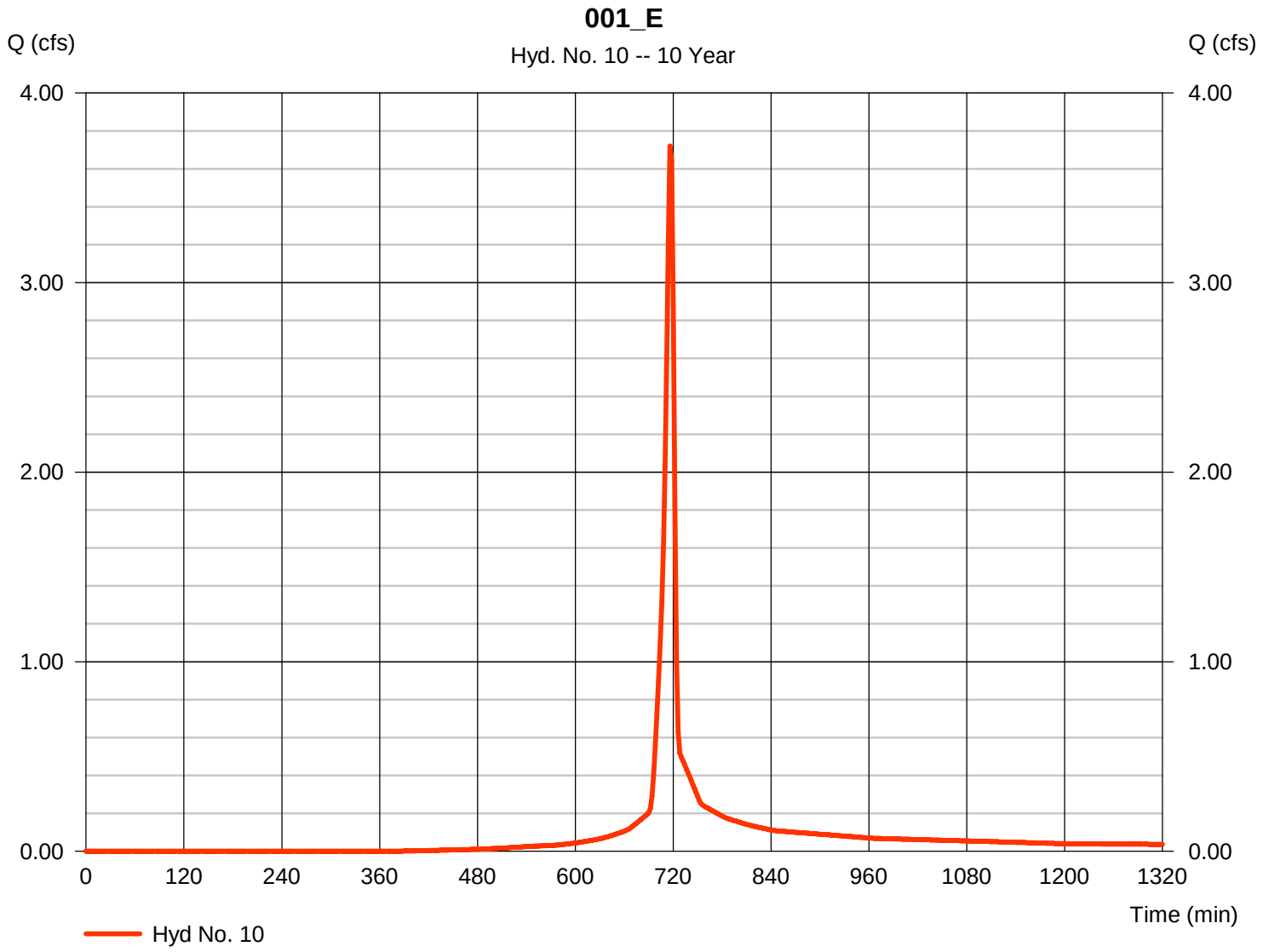
Hydrograph Report

Hyd. No. 10

001_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	3.721 cfs
Storm frequency	=	10 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	7,630 cuft
Drainage area	=	0.690 ac	Curve number	=	82*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.268 x 98) + (0.272 x 71) + (0.053 x 71) + (0.035 x 71) + (0.065 x 76)] / 0.690



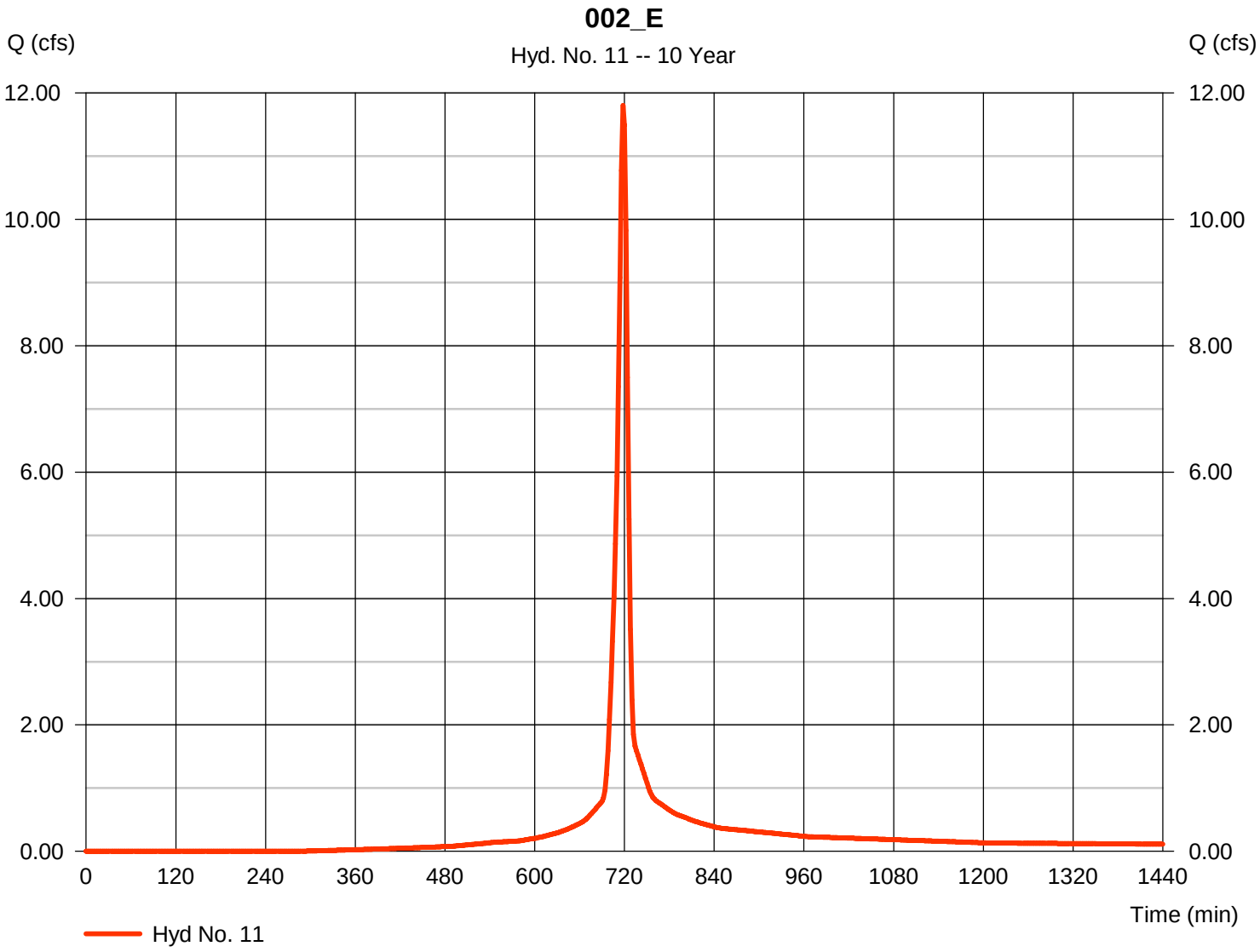
Hydrograph Report

Hyd. No. 11

002_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	11.80 cfs
Storm frequency	=	10 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	27,880 cuft
Drainage area	=	2.050 ac	Curve number	=	87*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	9.70 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.009 x 98) + (1.040 x 76)] / 2.050



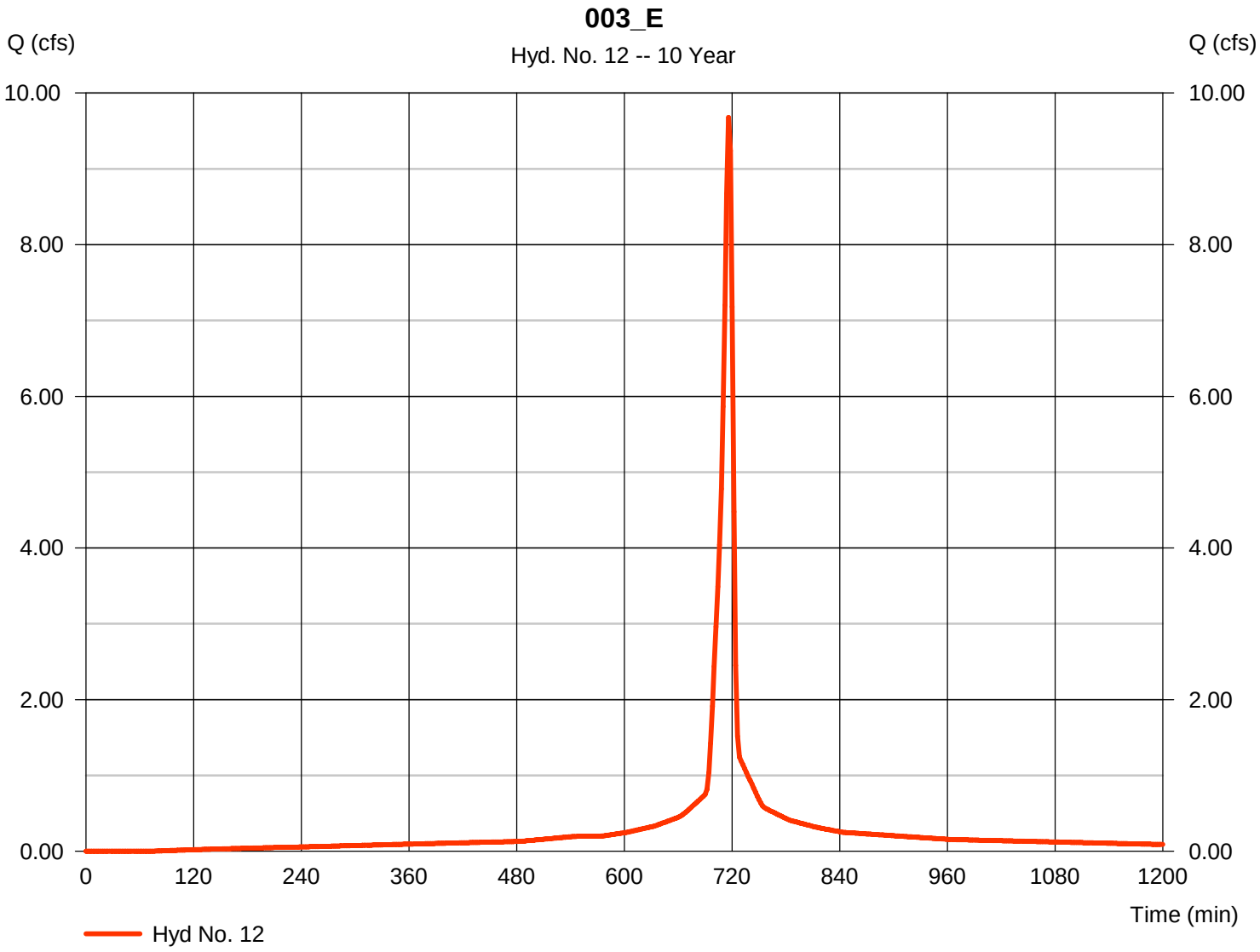
Hydrograph Report

Hyd. No. 12

003_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	9.680 cfs
Storm frequency	=	10 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	22,714 cuft
Drainage area	=	1.380 ac	Curve number	=	97*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.304 x 98) + (0.073 x 71)] / 1.380



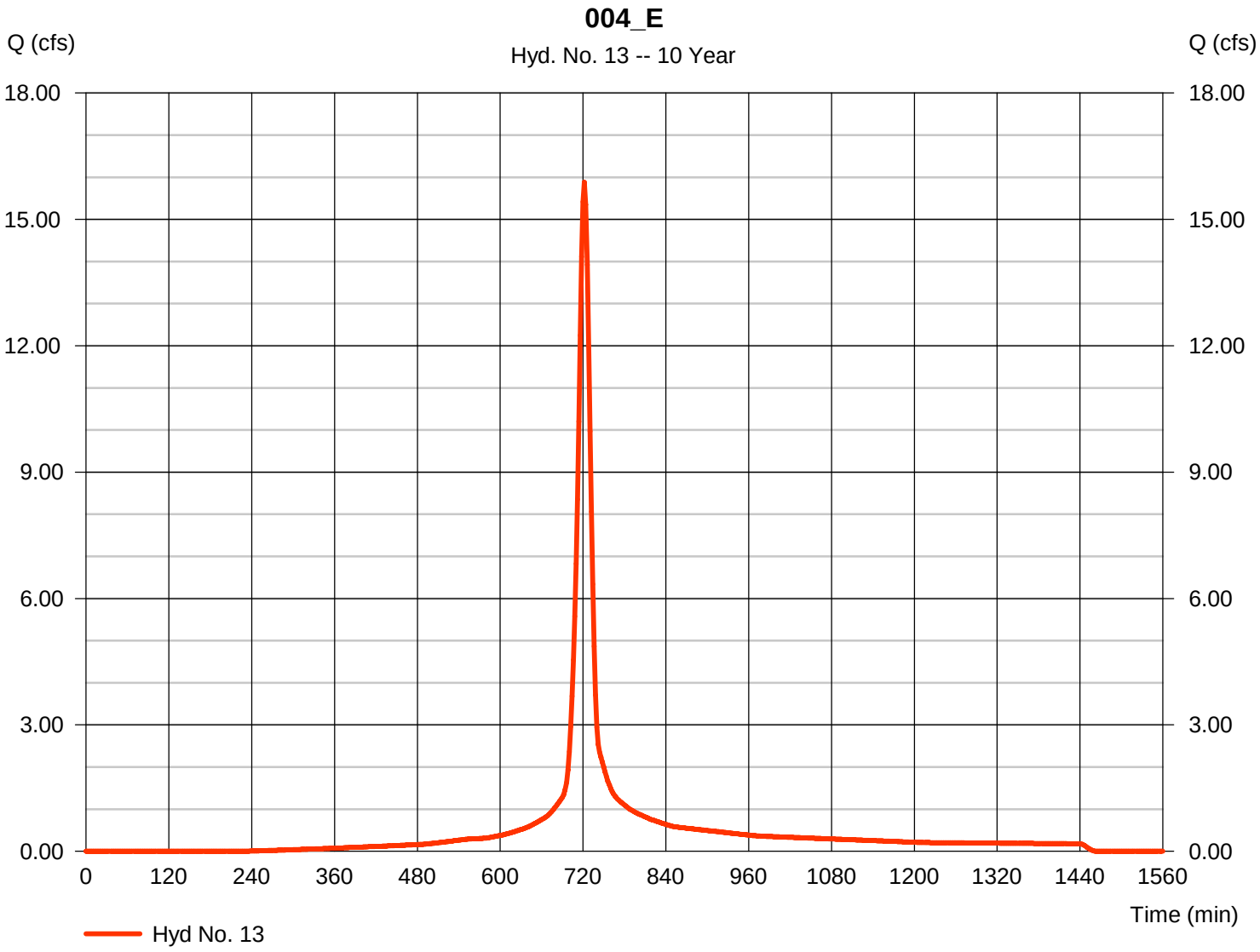
Hydrograph Report

Hyd. No. 13

004_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	15.88 cfs
Storm frequency	=	10 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	46,410 cuft
Drainage area	=	3.230 ac	Curve number	=	90*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	15.10 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.155 x 98) + (0.109 x 71) + (0.970 x 76)] / 3.230



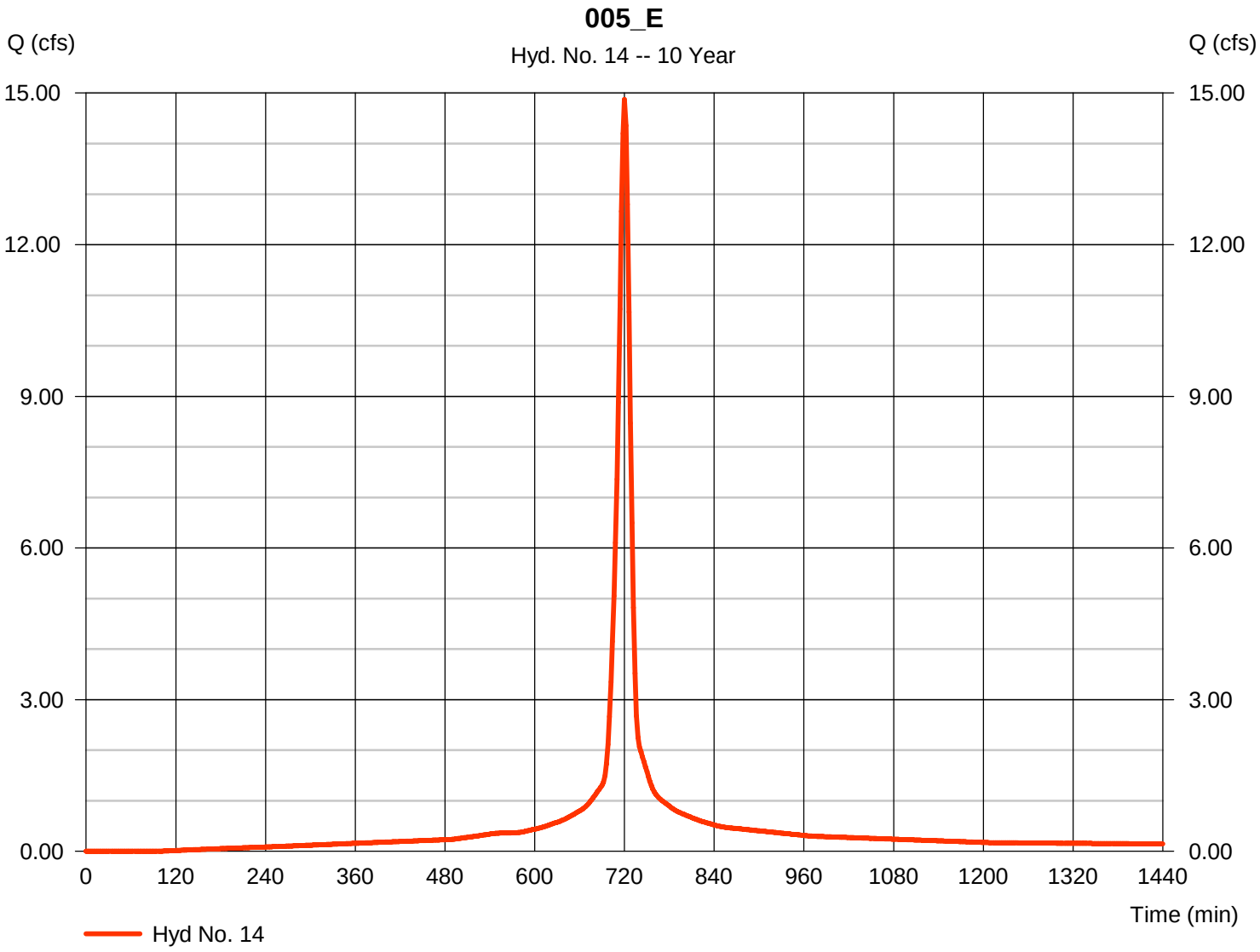
Hydrograph Report

Hyd. No. 14

005_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	14.87 cfs
Storm frequency	=	10 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	42,949 cuft
Drainage area	=	2.430 ac	Curve number	=	96*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	11.00 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.220 x 98) + (0.052 x 71) + (0.081 x 71) + (0.080 x 71)] / 2.430



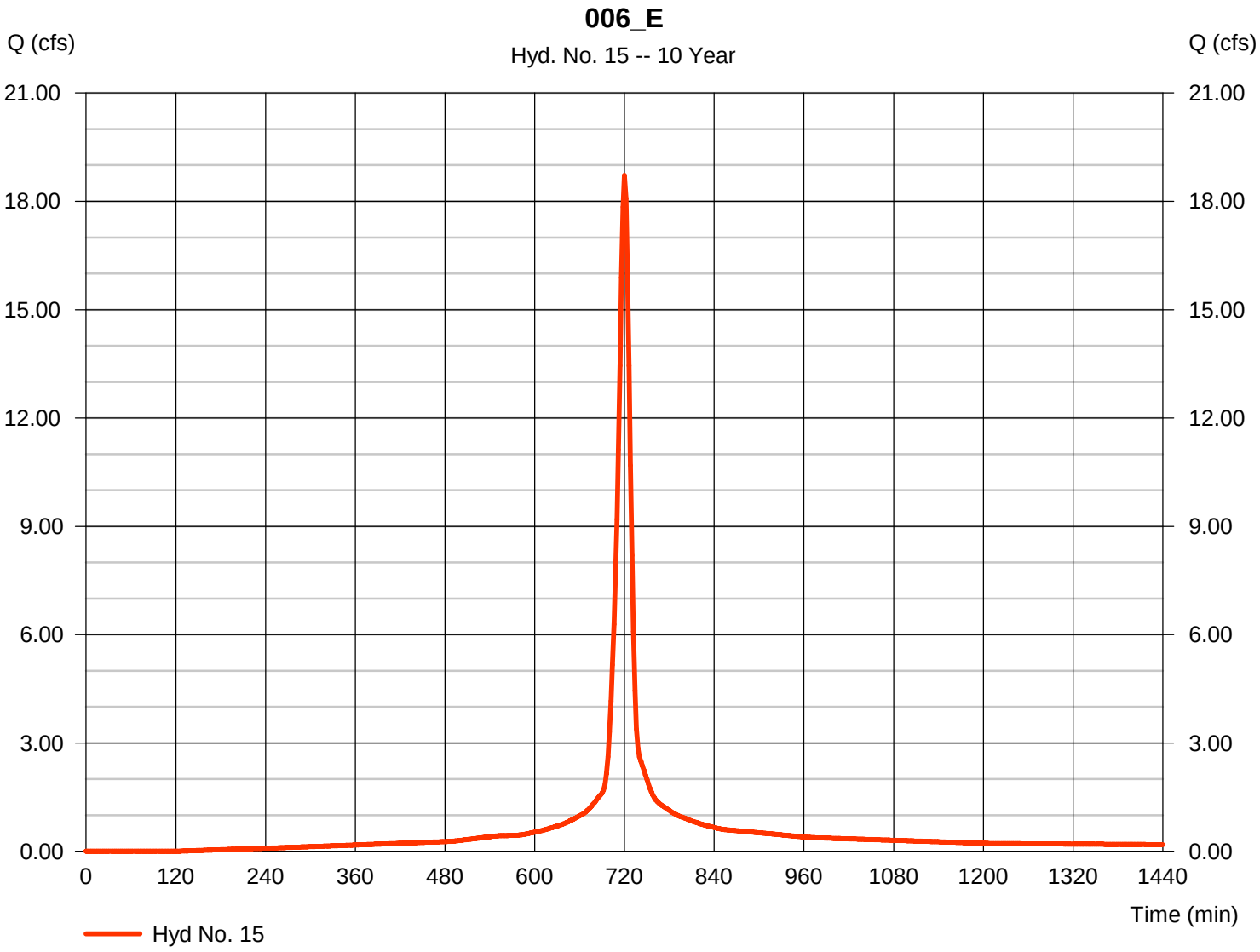
Hydrograph Report

Hyd. No. 15

006_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	18.71 cfs
Storm frequency	=	10 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	53,299 cuft
Drainage area	=	3.090 ac	Curve number	=	95*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	10.20 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.783 x 98) + (0.059 x 71) + (0.144 x 71) + (0.107 x 71)] / 3.090



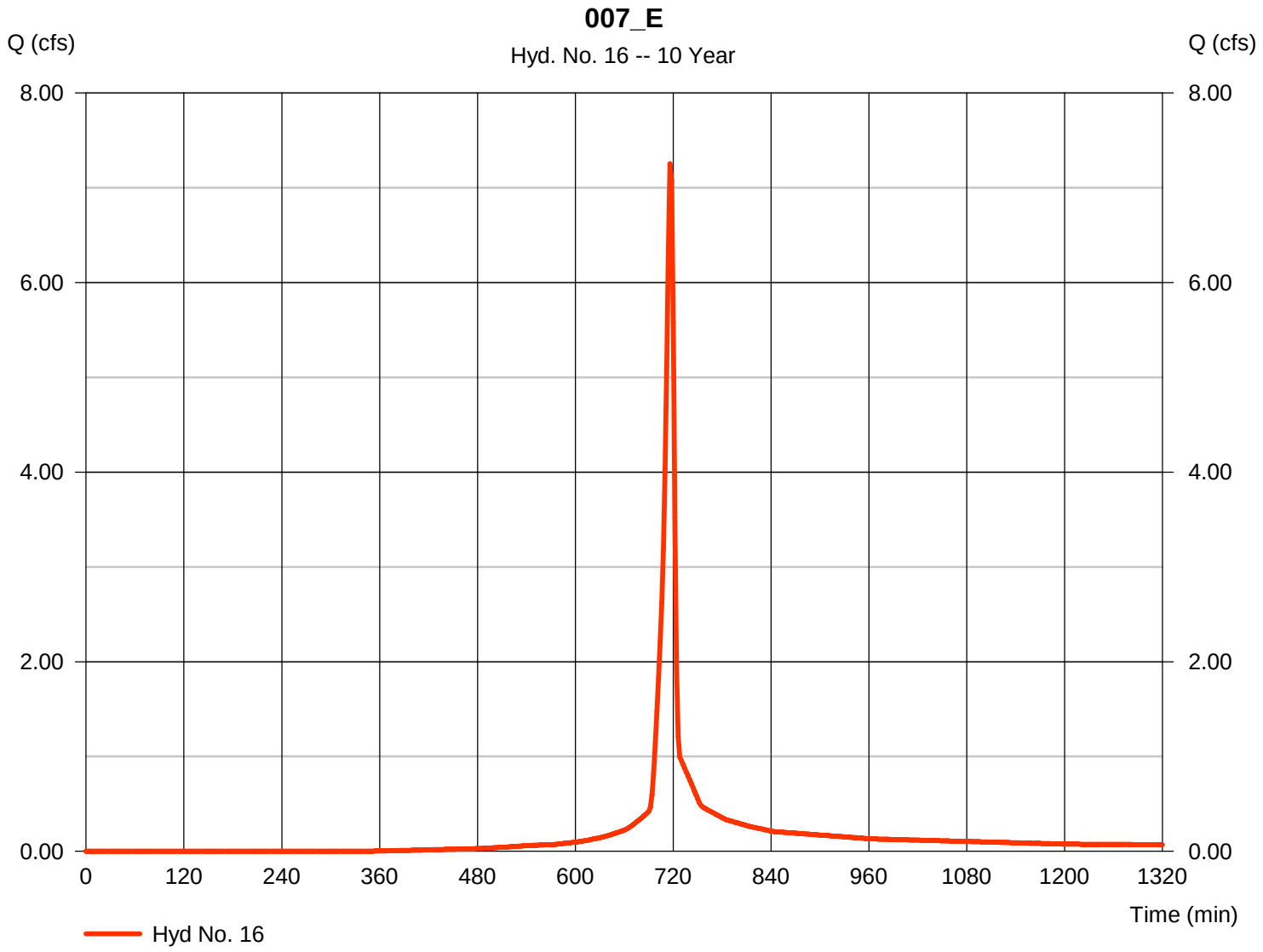
Hydrograph Report

Hyd. No. 16

007_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	7.255 cfs
Storm frequency	=	10 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	15,005 cuft
Drainage area	=	1.280 ac	Curve number	=	84*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	6.40 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.655 x 71) + (0.623 x 98)] / 1.280



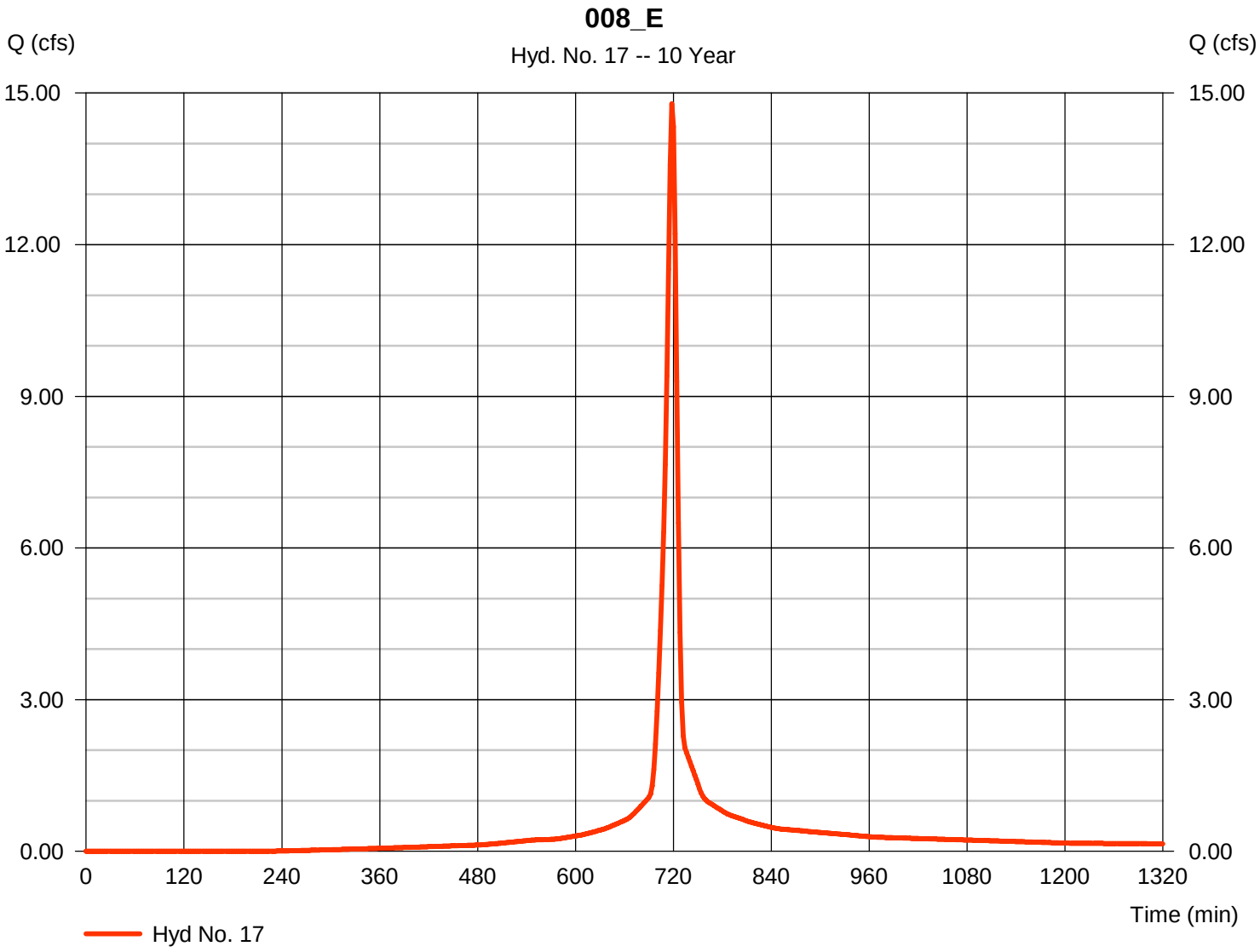
Hydrograph Report

Hyd. No. 17

008_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	14.79 cfs
Storm frequency	=	10 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	35,663 cuft
Drainage area	=	2.420 ac	Curve number	=	90*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	7.90 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.736 x 98) + (0.681 x 71)] / 2.420

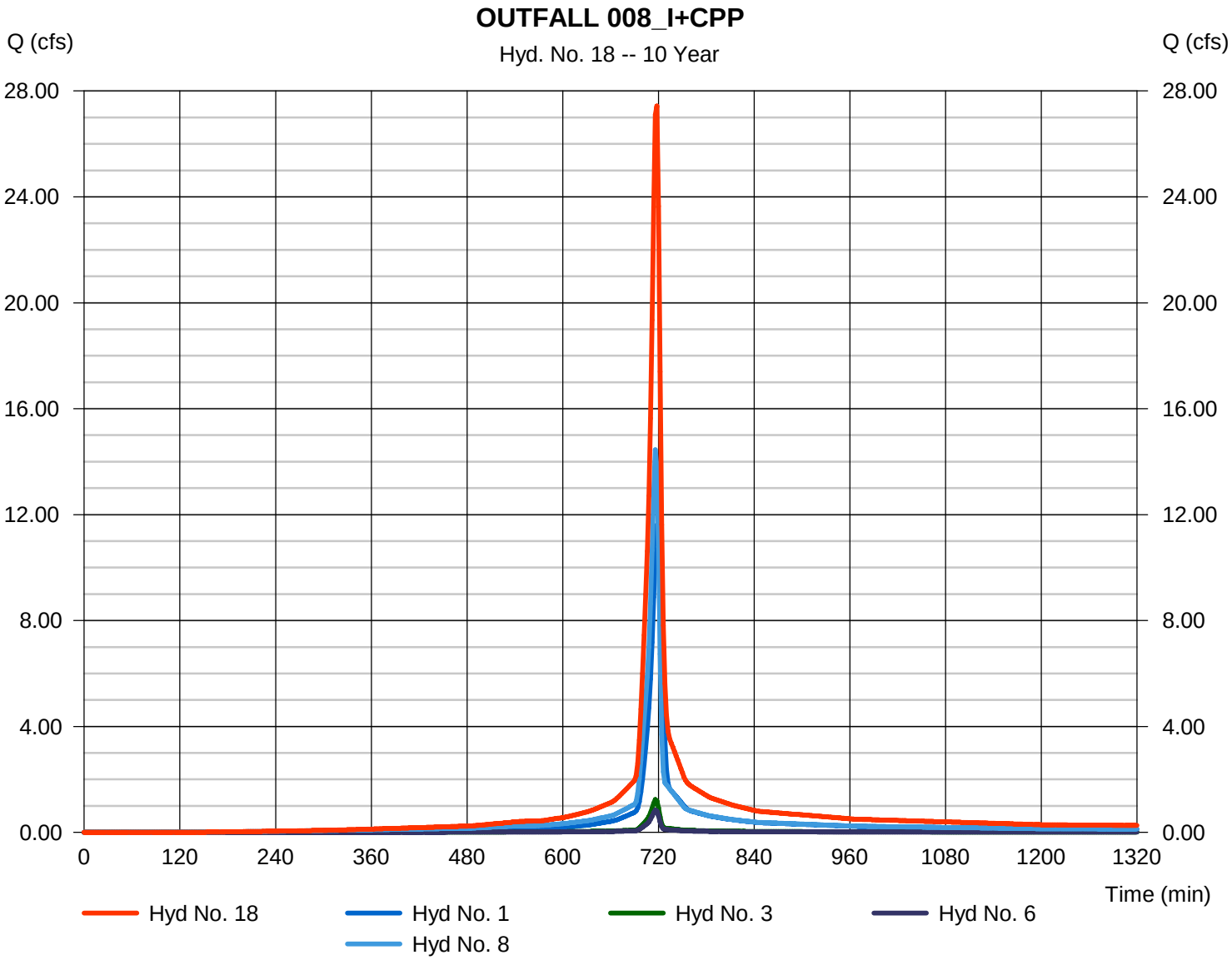


Hydrograph Report

Hyd. No. 18

OUTFALL 008_I+CPP

Hydrograph type	= Combine	Peak discharge	= 27.44 cfs
Storm frequency	= 10 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 64,241 cuft
Inflow hyds.	= 1, 3, 6, 8	Contrib. drain. area	= 4.493 ac

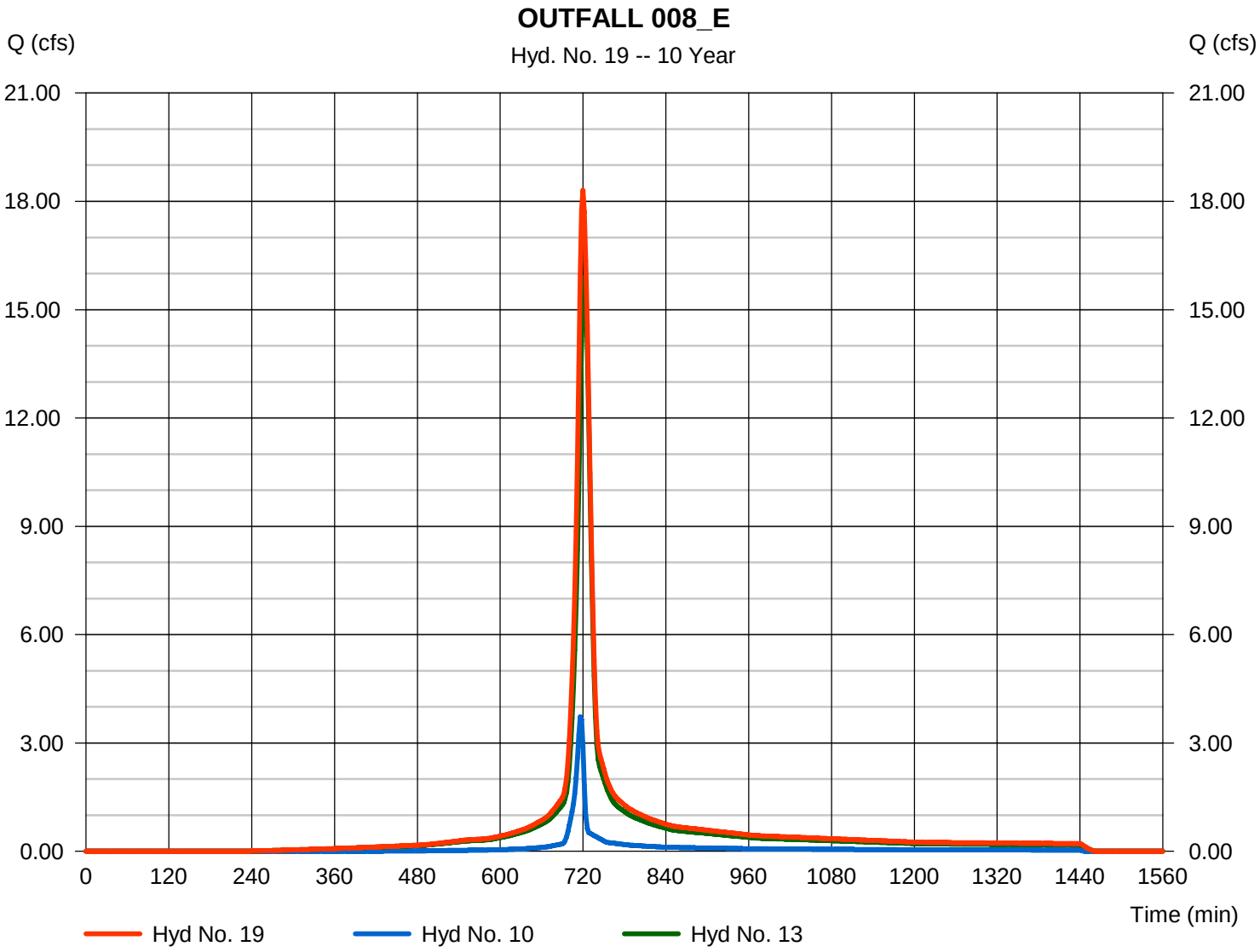


Hydrograph Report

Hyd. No. 19

OUTFALL 008_E

Hydrograph type	= Combine	Peak discharge	= 18.30 cfs
Storm frequency	= 10 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 54,041 cuft
Inflow hyds.	= 10, 13	Contrib. drain. area	= 3.920 ac

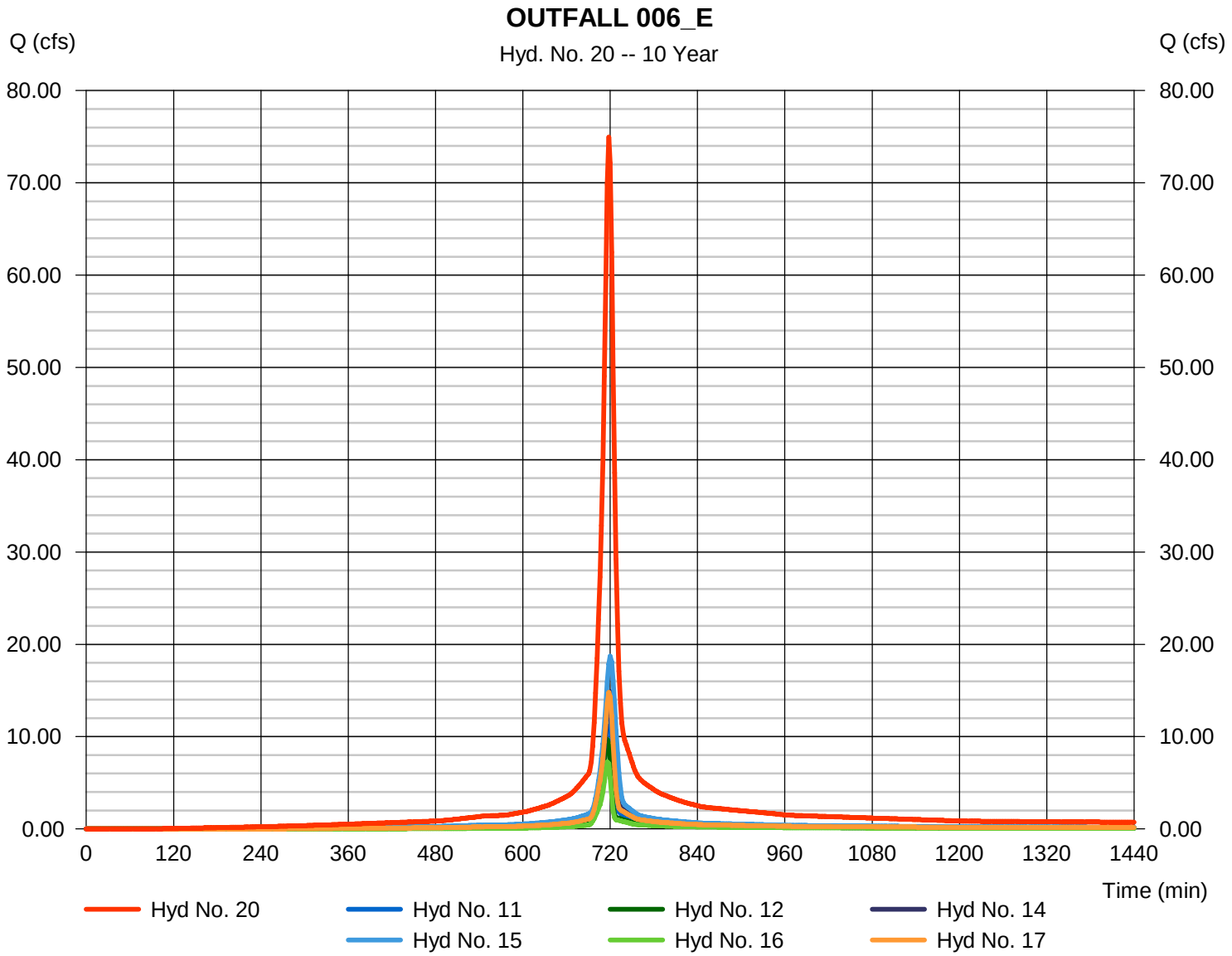


Hydrograph Report

Hyd. No. 20

OUTFALL 006_E

Hydrograph type	=	Combine	Peak discharge	=	74.95 cfs
Storm frequency	=	10 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	197,510 cuft
Inflow hyds.	=	11, 12, 14, 15, 16, 17	Contrib. drain. area	=	12.650 ac

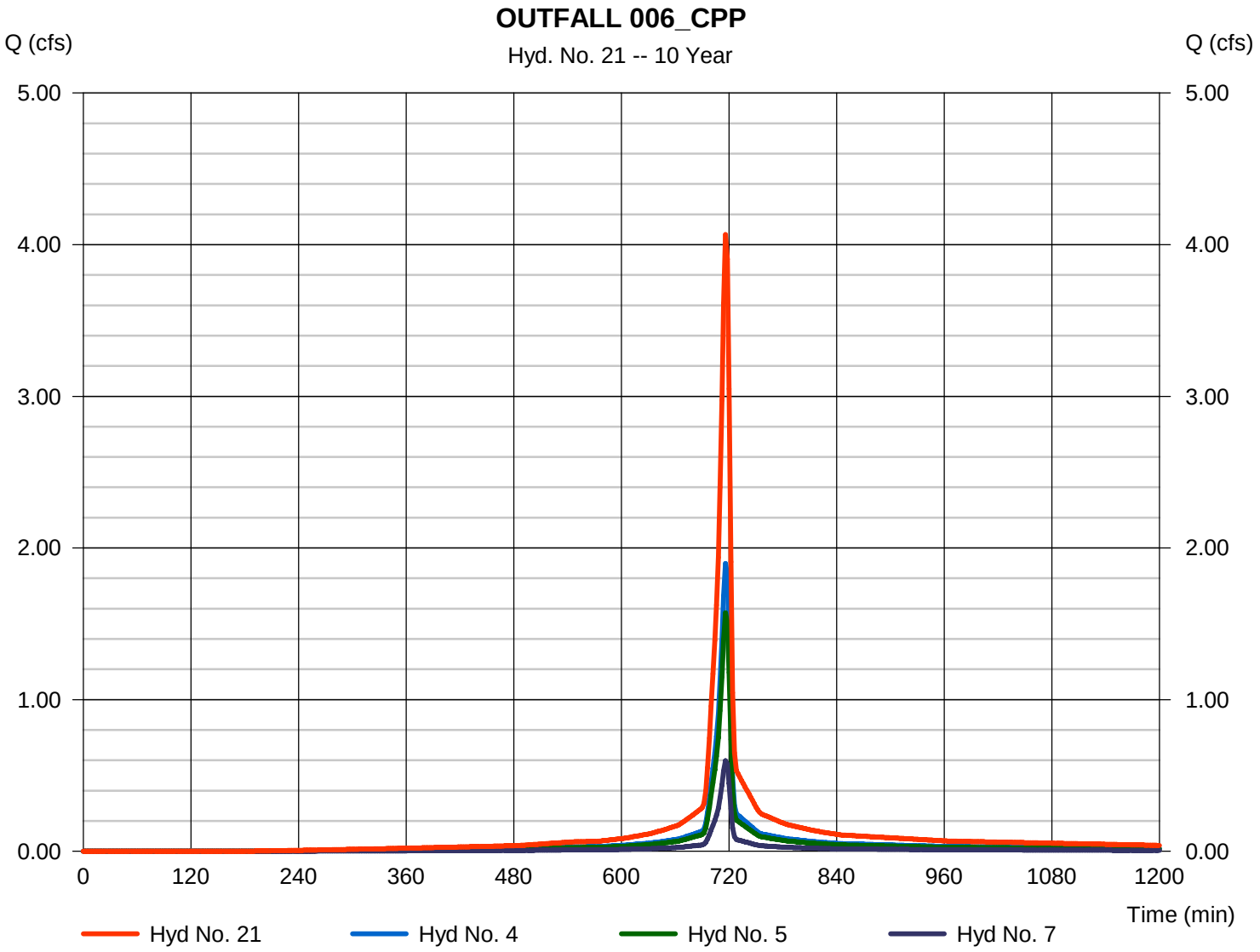


Hydrograph Report

Hyd. No. 21

OUTFALL 006_CPP

Hydrograph type	= Combine	Peak discharge	= 4.066 cfs
Storm frequency	= 10 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 8,918 cuft
Inflow hyds.	= 4, 5, 7	Contrib. drain. area	= 0.613 ac

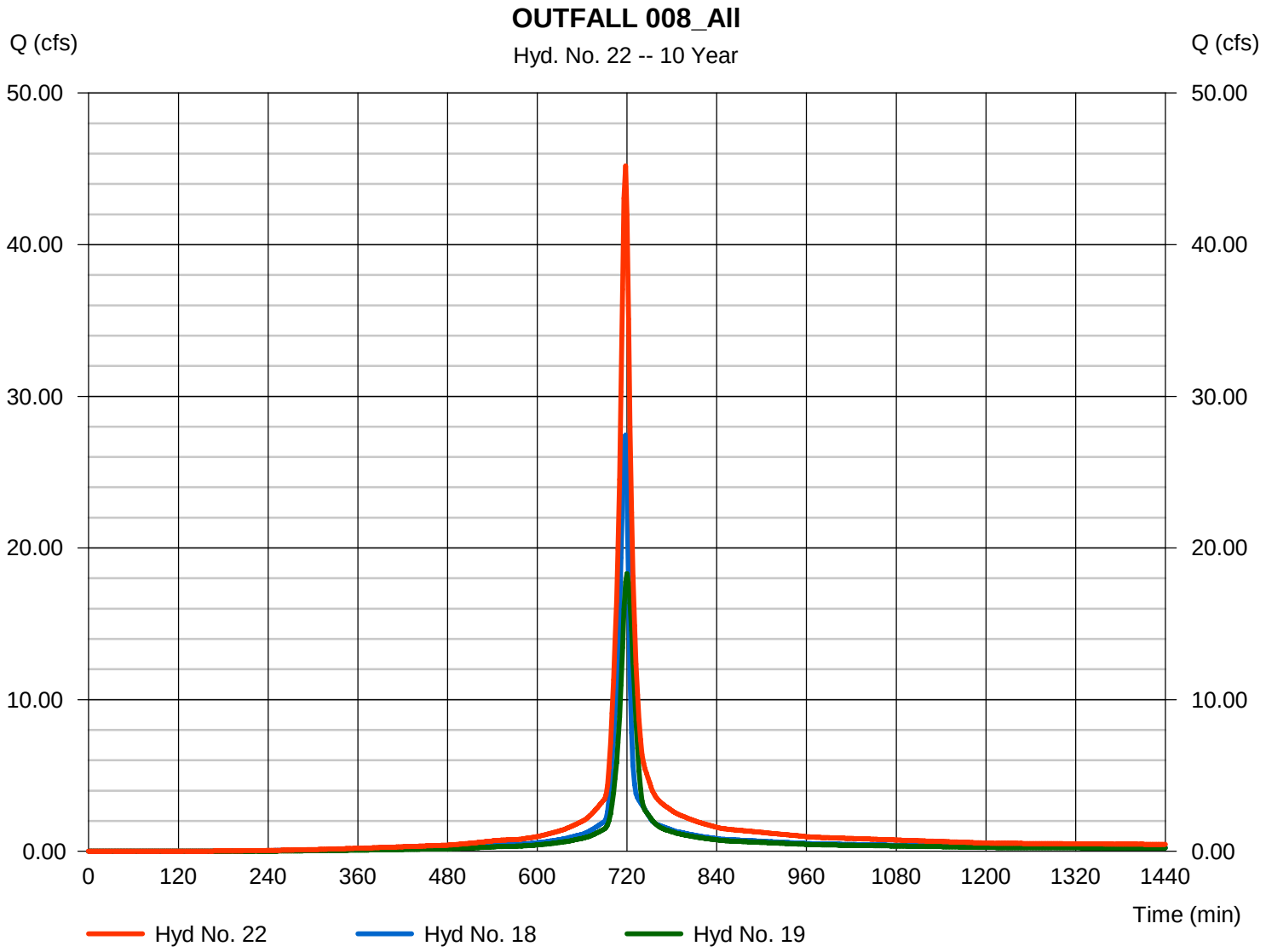


Hydrograph Report

Hyd. No. 22

OUTFALL 008_All

Hydrograph type	=	Combine	Peak discharge	=	45.19 cfs
Storm frequency	=	10 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	118,282 cuft
Inflow hyds.	=	18, 19	Contrib. drain. area	=	0.000 ac

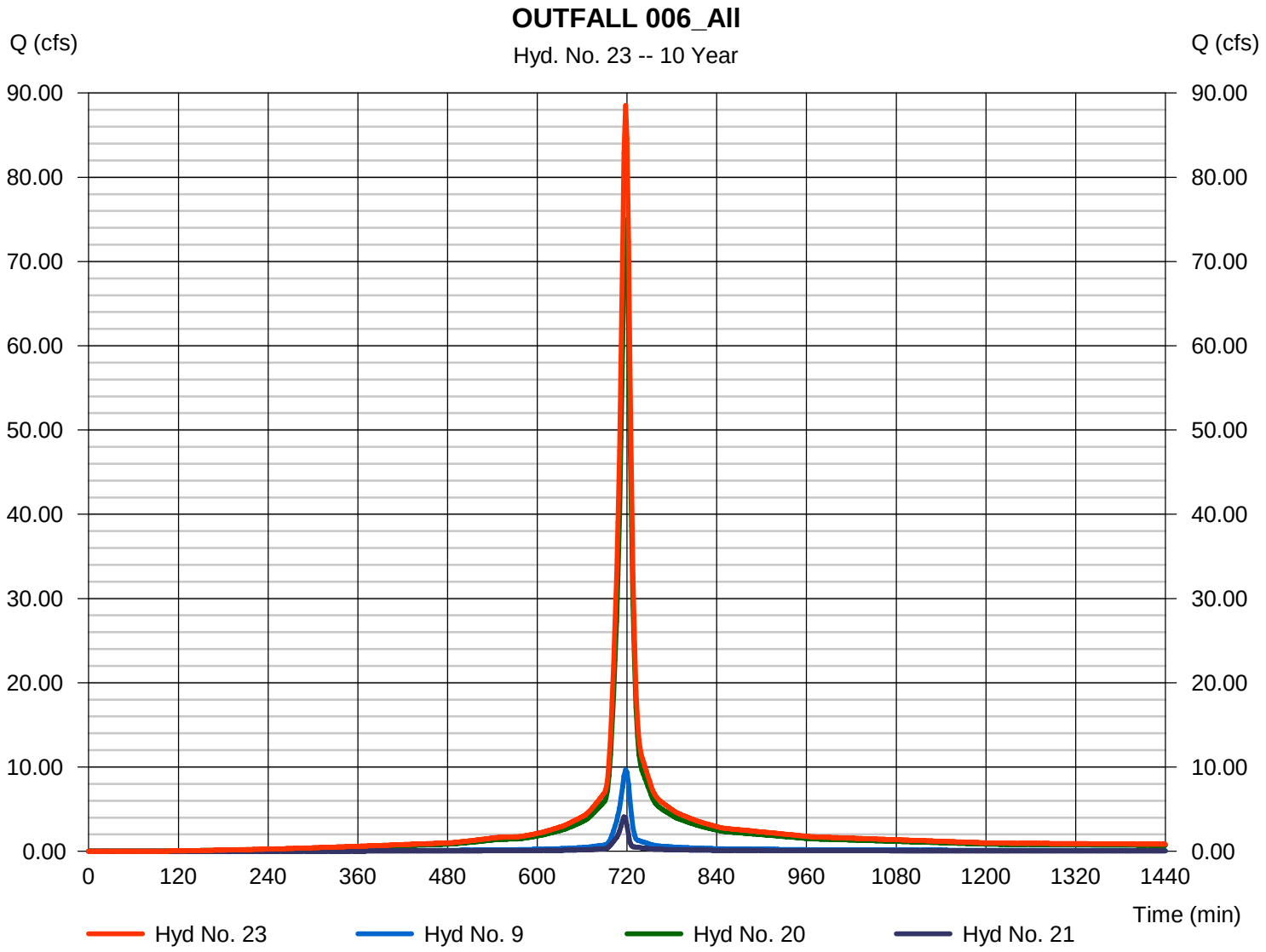


Hydrograph Report

Hyd. No. 23

OUTFALL 006_All

Hydrograph type	= Combine	Peak discharge	= 88.54 cfs
Storm frequency	= 10 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 230,461 cuft
Inflow hyds.	= 9, 20, 21	Contrib. drain. area	= 1.510 ac



Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	15.32	2	718	36,538	------	------	------	001_I
2	SCS Runoff	2.197	2	716	4,902	------	------	------	004_CPP
3	SCS Runoff	1.586	2	716	3,539	------	------	------	005_CPP
4	SCS Runoff	2.426	2	716	5,413	------	------	------	006_CPP
5	SCS Runoff	2.010	2	716	4,486	------	------	------	007_CPP
6	SCS Runoff	1.069	2	716	2,385	------	------	------	008_CPP
7	SCS Runoff	0.763	2	716	1,703	------	------	------	009_CPP
8	SCS Runoff	18.33	2	716	41,788	------	------	------	002_I
9	SCS Runoff	12.34	2	718	31,115	------	------	------	003_Ti
10	SCS Runoff	5.024	2	716	10,448	------	------	------	001_E
11	SCS Runoff	15.50	2	718	37,185	------	------	------	002_E
12	SCS Runoff	12.17	2	716	28,850	------	------	------	003_E
13	SCS Runoff	20.55	2	722	60,974	------	------	------	004_E
14	SCS Runoff	18.76	2	720	54,810	------	------	------	005_E
15	SCS Runoff	23.68	2	720	68,344	------	------	------	006_E
16	SCS Runoff	9.677	2	716	20,327	------	------	------	007_E
17	SCS Runoff	19.11	2	718	46,855	------	------	------	008_E
18	Combine	35.40	2	718	84,250	1, 3, 6, 8,	------	------	OUTFALL 008_I+CPP
19	Combine	23.85	2	720	71,422	10, 13,	------	------	OUTFALL 008_E
20	Combine	96.12	2	718	256,372	11, 12, 14, 15, 16, 17,	------	------	OUTFALL 006_E
21	Combine	5.200	2	716	11,602	4, 5, 7,	------	------	OUTFALL 006_CPP
22	Combine	58.64	2	718	155,672	18, 19,	------	------	OUTFALL 008_All
23	Combine	113.45	2	718	299,089	9, 20, 21,	------	------	OUTFALL 006_All

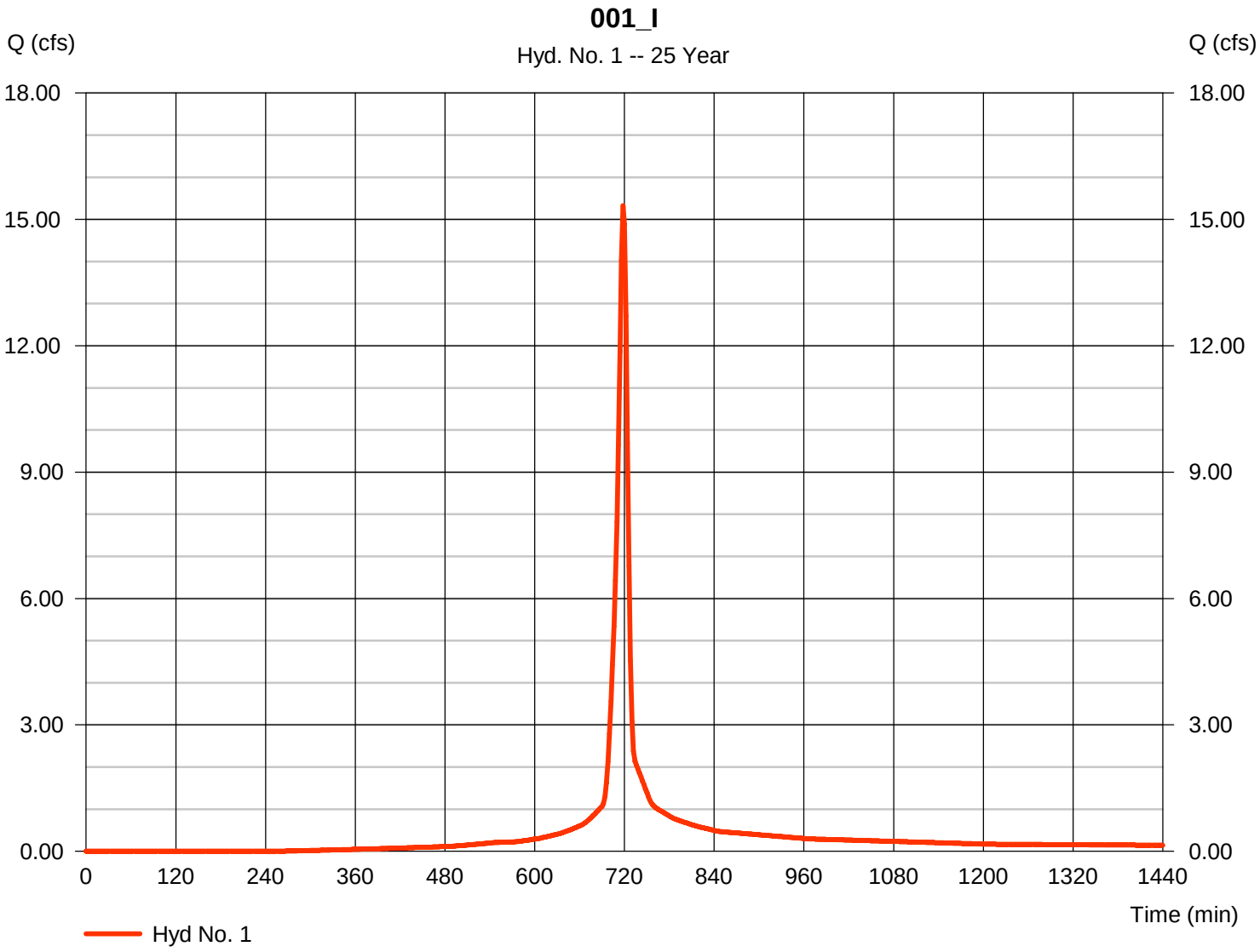
Hydrograph Report

Hyd. No. 1

001_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	15.32 cfs
Storm frequency	=	25 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	36,538 cuft
Drainage area	=	2.060 ac	Curve number	=	86*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	7.20 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.140 x 98) + (0.860 x 71) + (0.060 x 71)] / 2.060

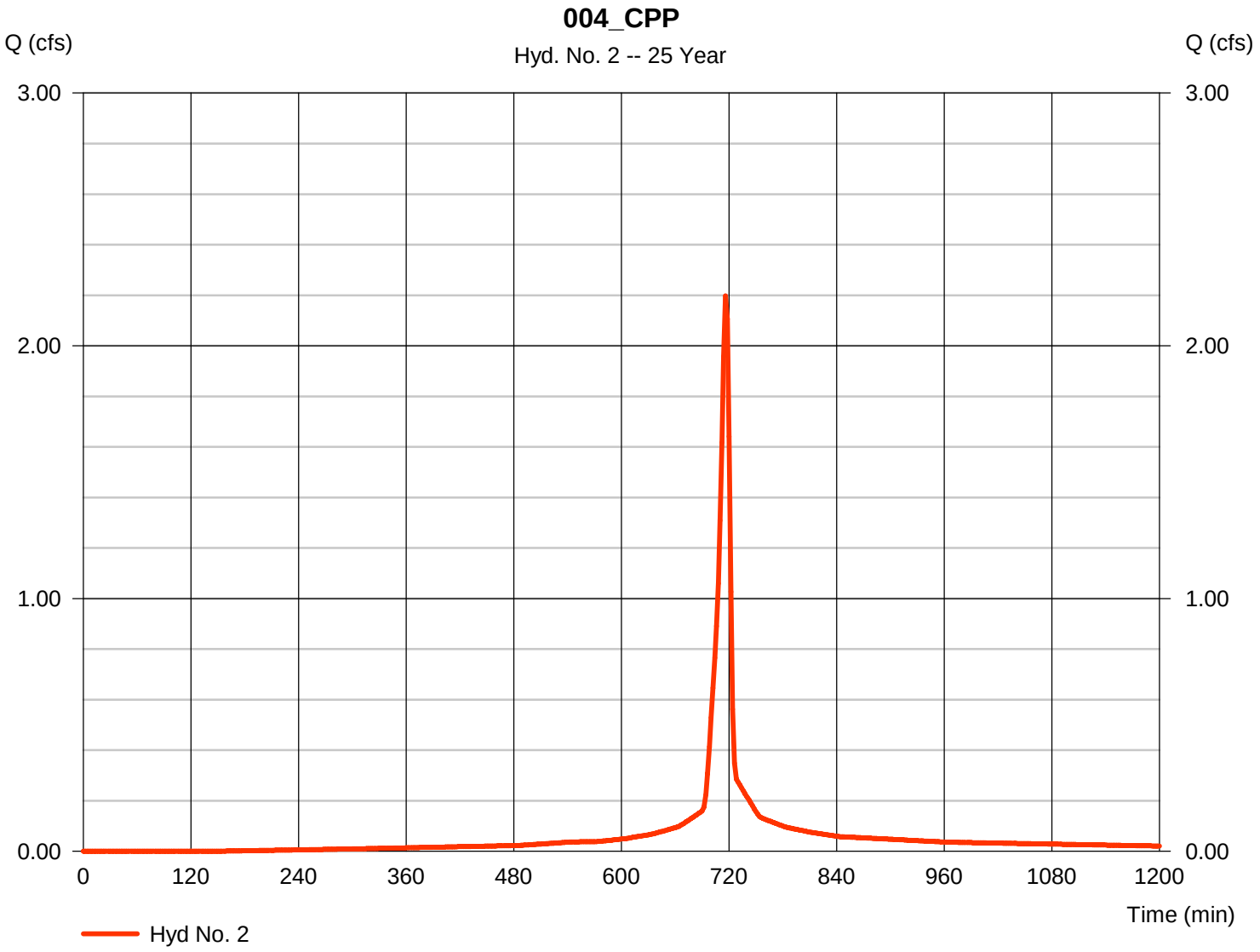


Hydrograph Report

Hyd. No. 2

004_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.197 cfs
Storm frequency	=	25 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	4,902 cuft
Drainage area	=	0.259 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

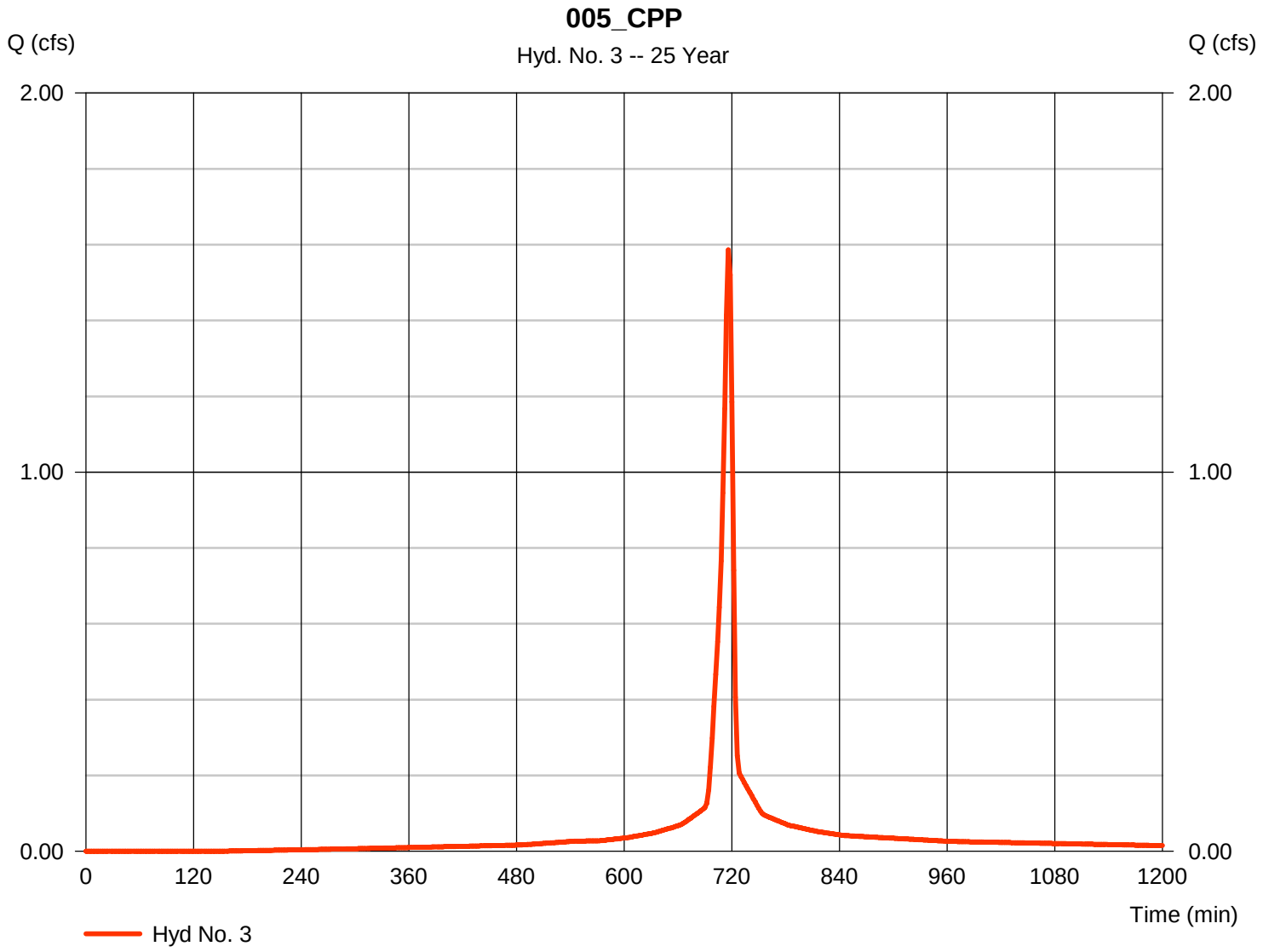


Hydrograph Report

Hyd. No. 3

005_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.586 cfs
Storm frequency	=	25 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	3,539 cuft
Drainage area	=	0.187 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

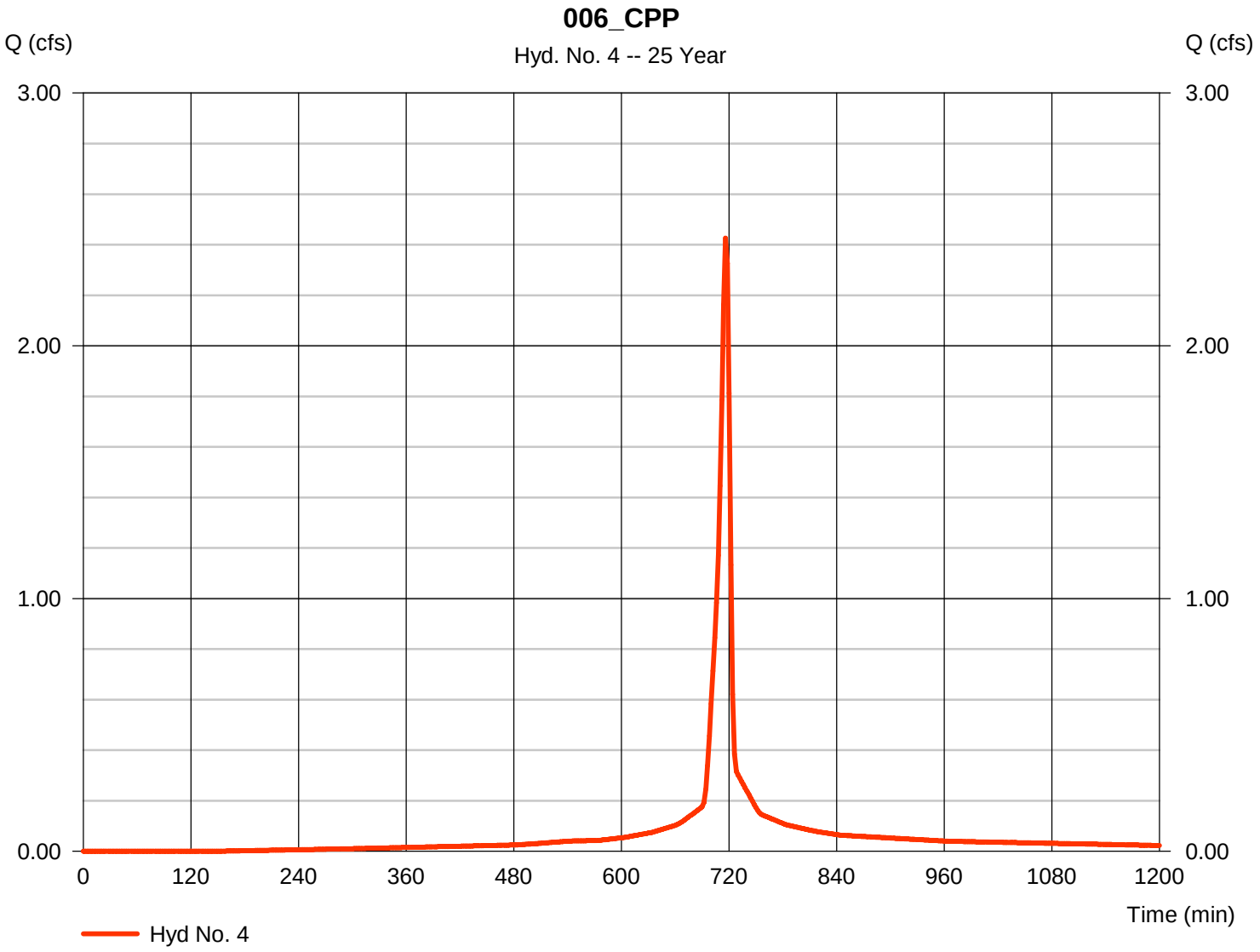


Hydrograph Report

Hyd. No. 4

006_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.426 cfs
Storm frequency	=	25 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	5,413 cuft
Drainage area	=	0.286 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

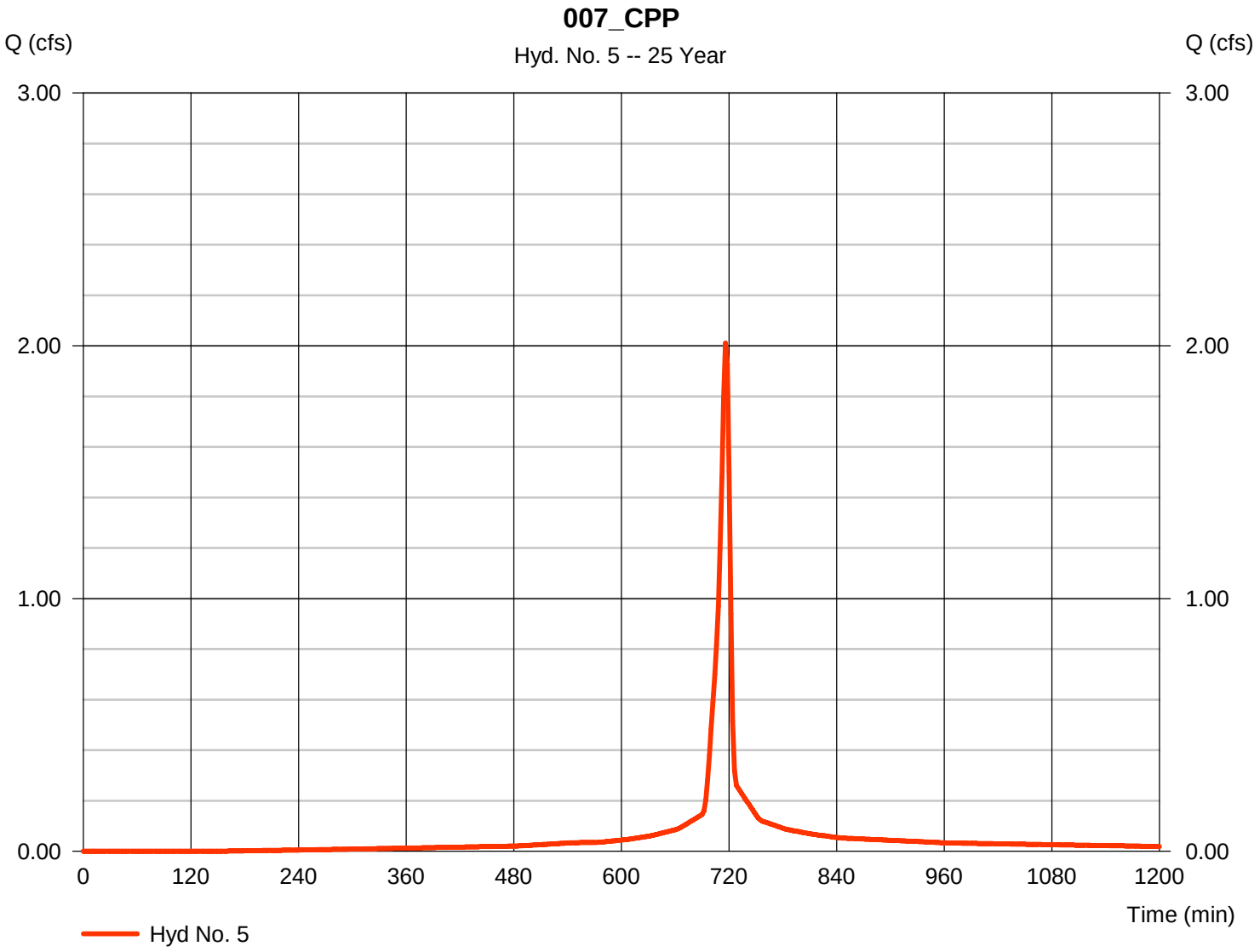


Hydrograph Report

Hyd. No. 5

007_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.010 cfs
Storm frequency	=	25 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	4,486 cuft
Drainage area	=	0.237 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

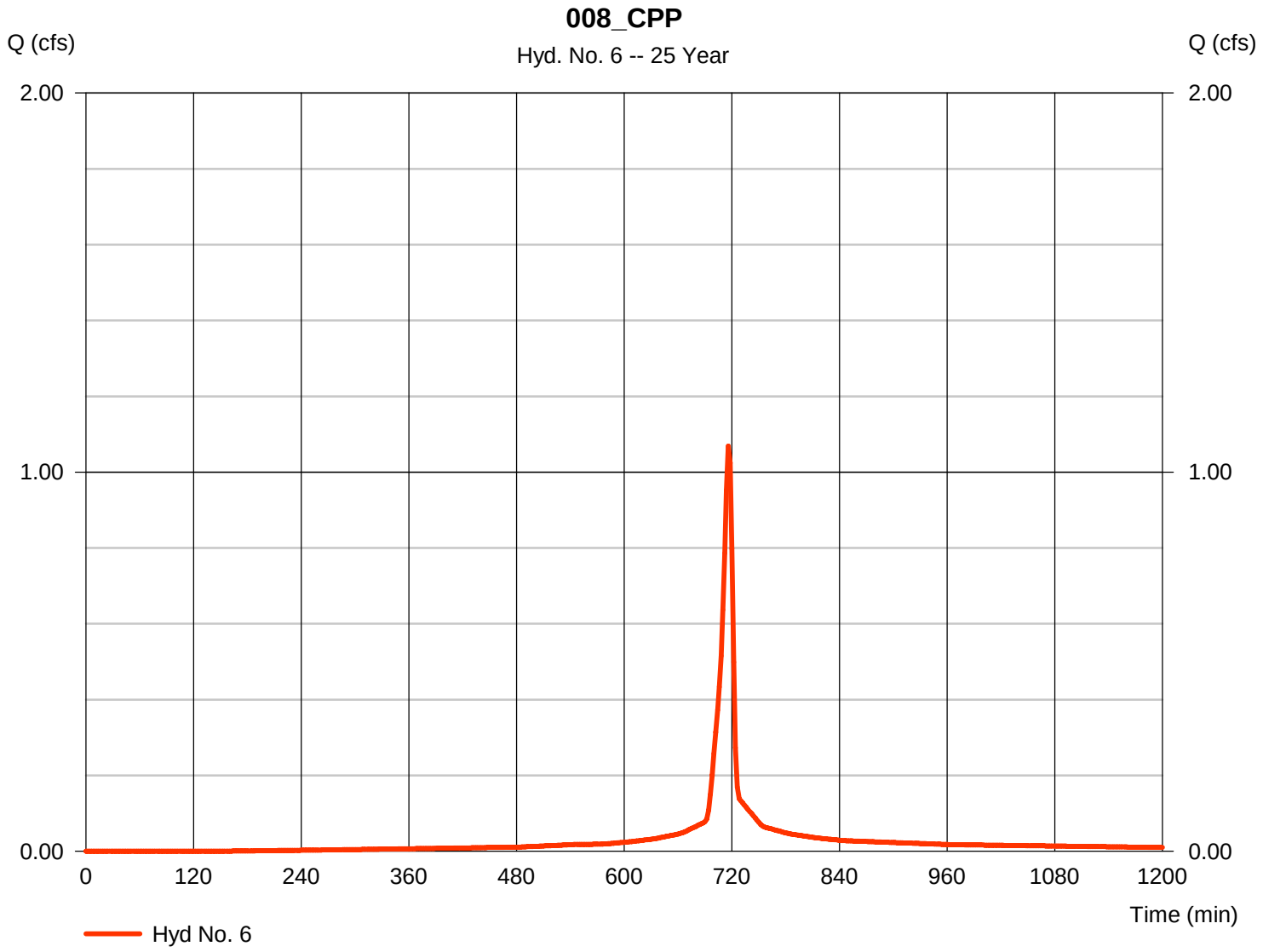


Hydrograph Report

Hyd. No. 6

008_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.069 cfs
Storm frequency	=	25 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	2,385 cuft
Drainage area	=	0.126 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

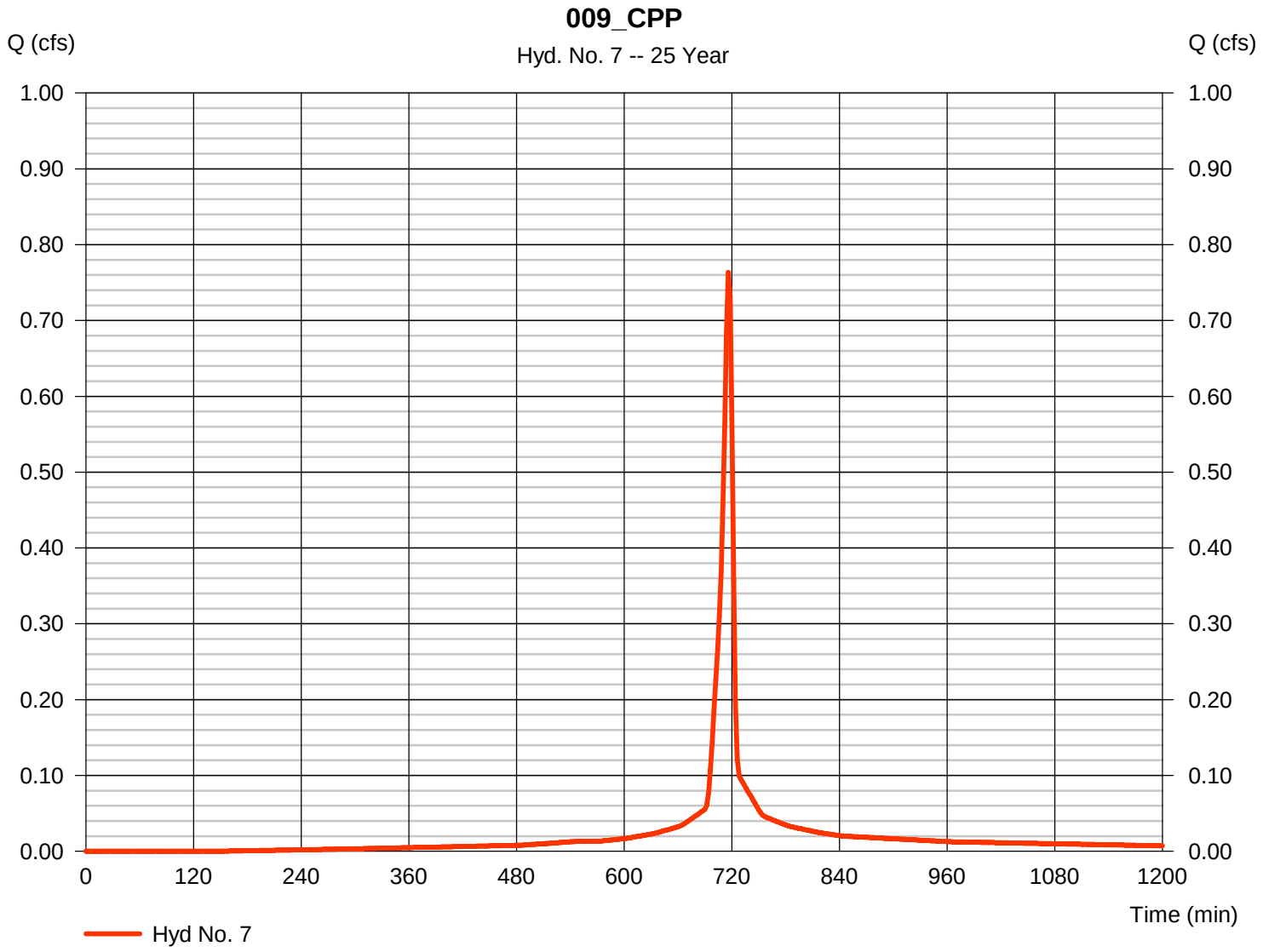


Hydrograph Report

Hyd. No. 7

009_CPP

Hydrograph type	= SCS Runoff	Peak discharge	= 0.763 cfs
Storm frequency	= 25 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 1,703 cuft
Drainage area	= 0.090 ac	Curve number	= 92
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 6.00 min
Total precip.	= 6.50 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484



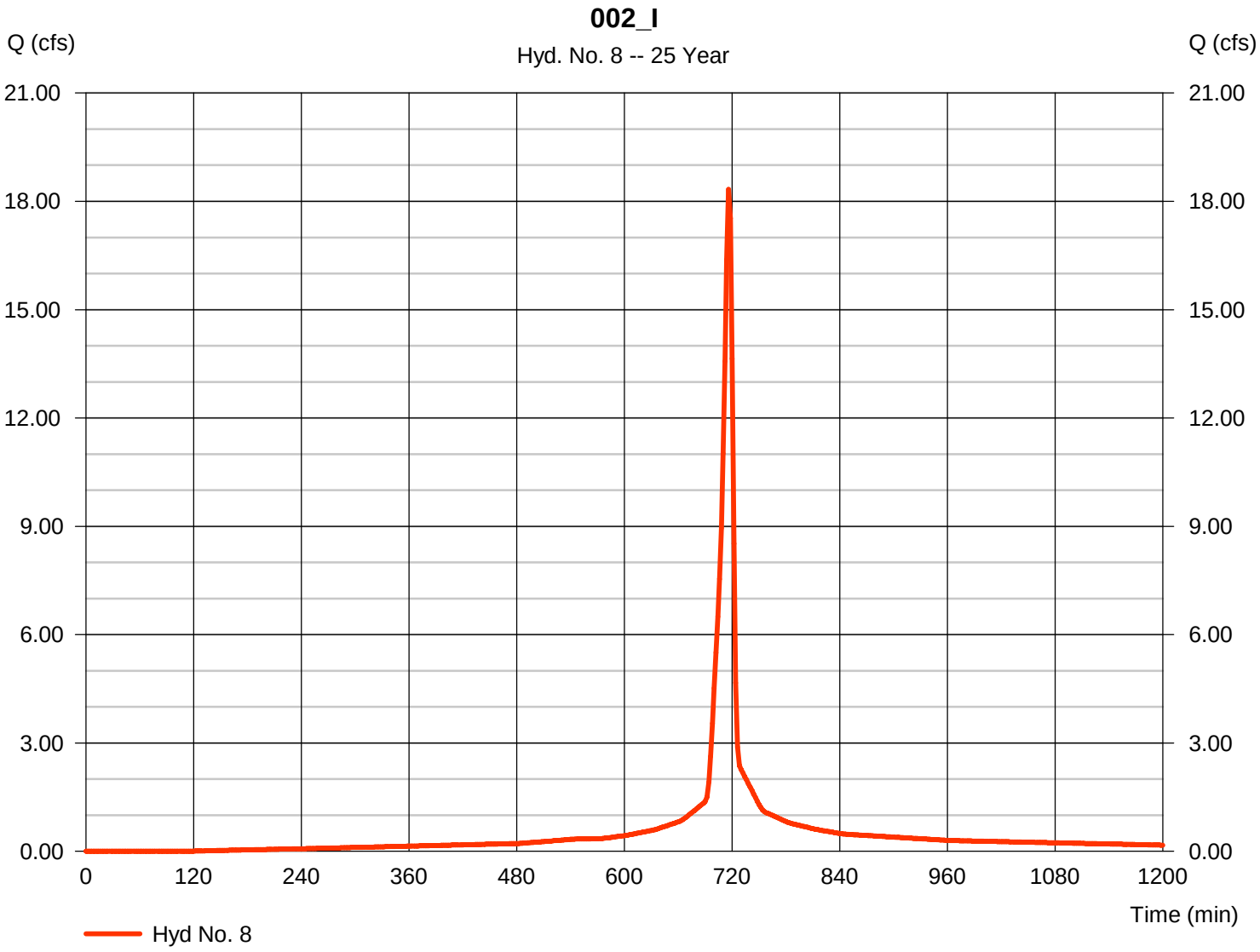
Hydrograph Report

Hyd. No. 8

002_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	18.33 cfs
Storm frequency	=	25 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	41,788 cuft
Drainage area	=	2.120 ac	Curve number	=	94*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.802 x 98) + (0.192 x 71) + (0.125 x 71)] / 2.120



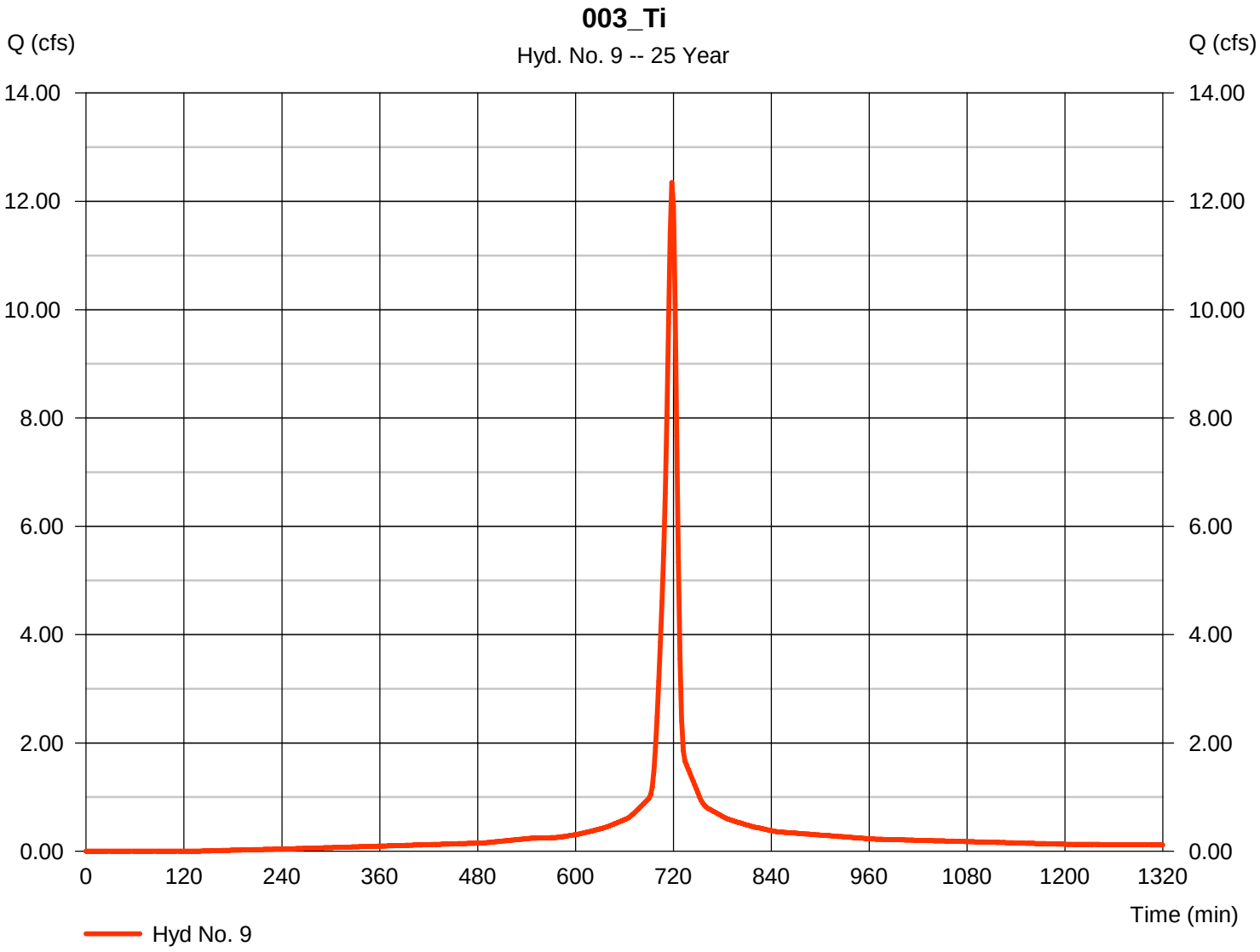
Hydrograph Report

Hyd. No. 9

003_Ti

Hydrograph type	=	SCS Runoff	Peak discharge	=	12.34 cfs
Storm frequency	=	25 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	31,115 cuft
Drainage area	=	1.510 ac	Curve number	=	93*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	9.20 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.228 x 98) + (0.234 x 71) + (0.049 x 71)] / 1.510



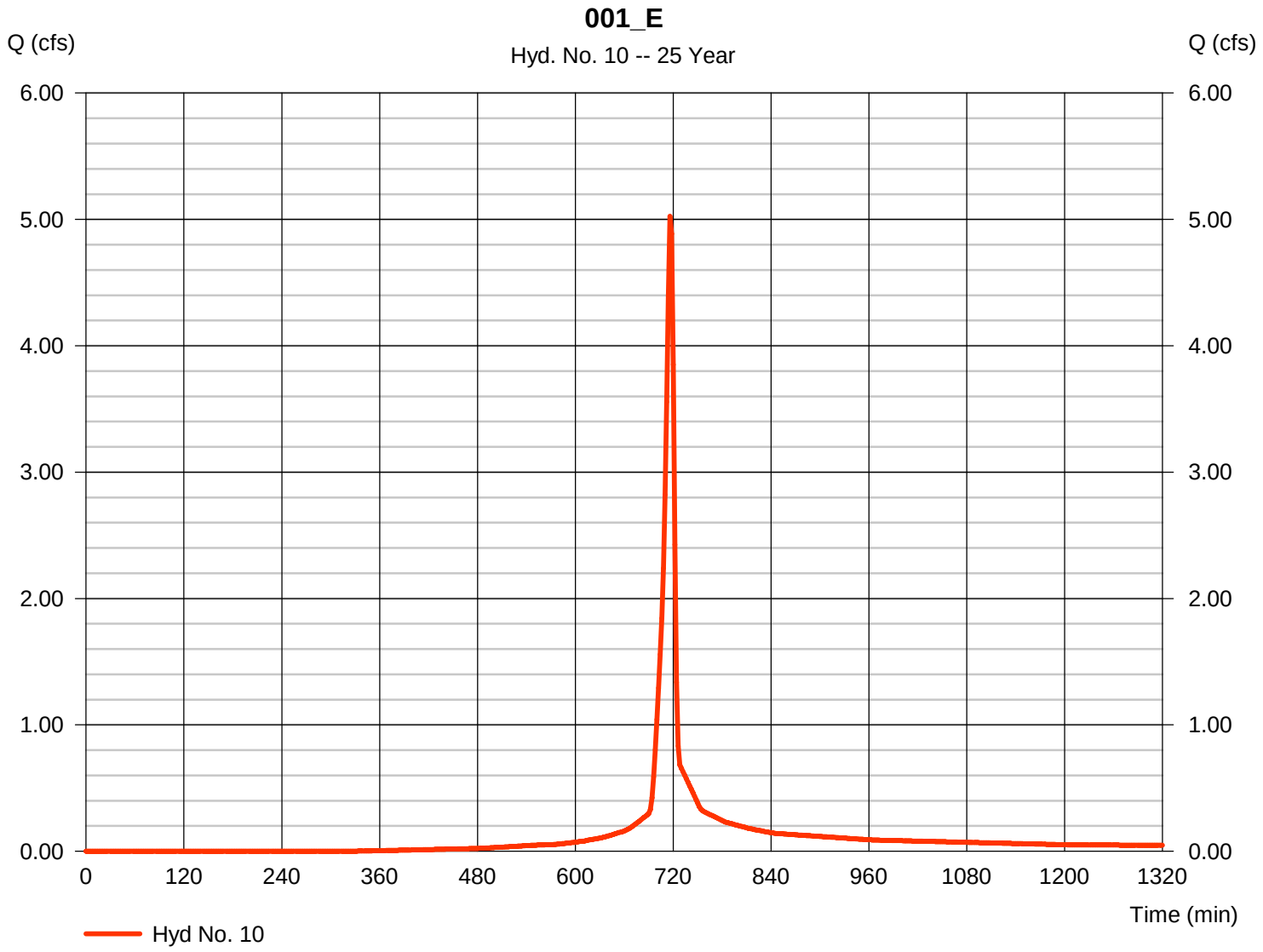
Hydrograph Report

Hyd. No. 10

001_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	5.024 cfs
Storm frequency	=	25 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	10,448 cuft
Drainage area	=	0.690 ac	Curve number	=	82*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.268 x 98) + (0.272 x 71) + (0.053 x 71) + (0.035 x 71) + (0.065 x 76)] / 0.690



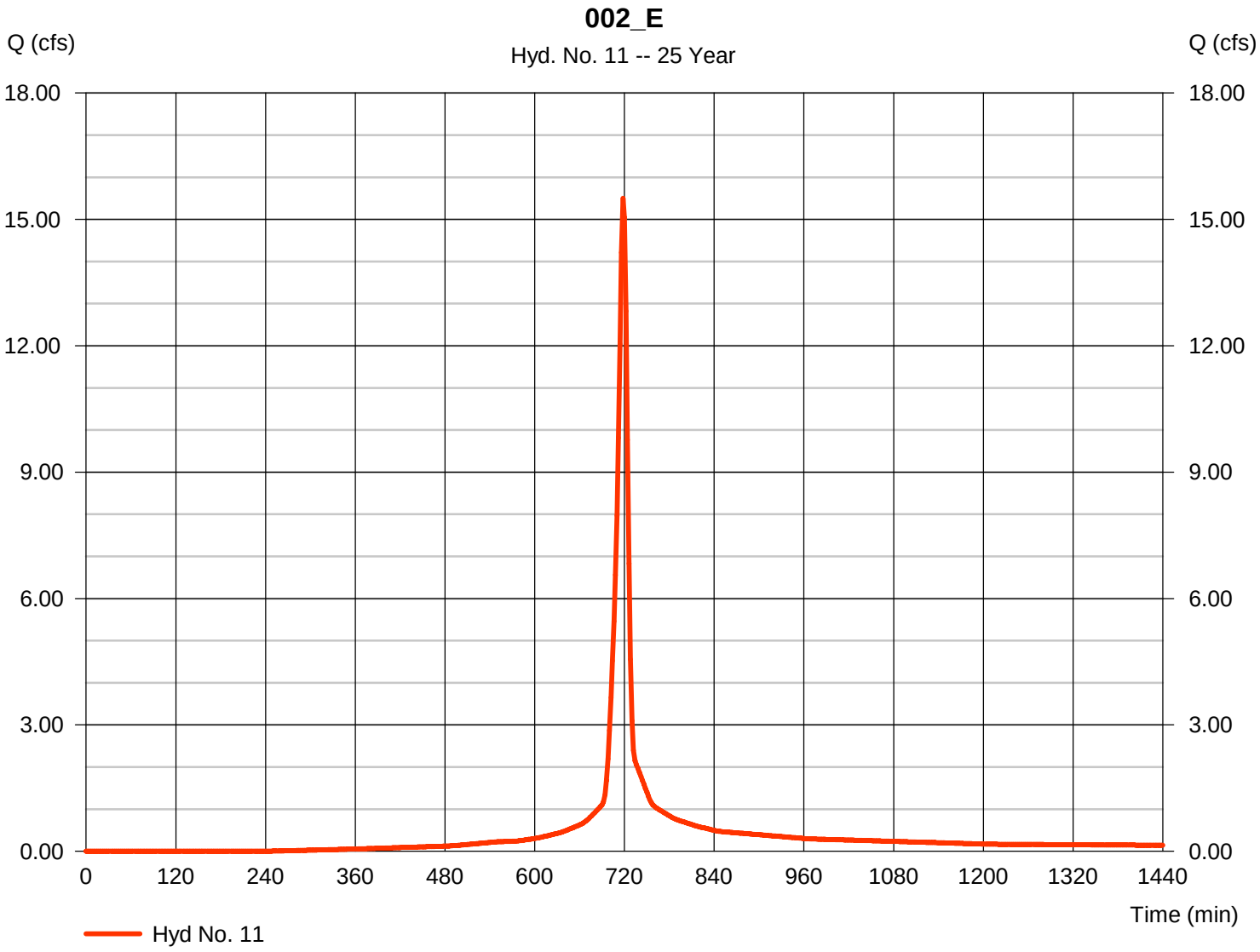
Hydrograph Report

Hyd. No. 11

002_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	15.50 cfs
Storm frequency	=	25 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	37,185 cuft
Drainage area	=	2.050 ac	Curve number	=	87*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	9.70 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.009 x 98) + (1.040 x 76)] / 2.050



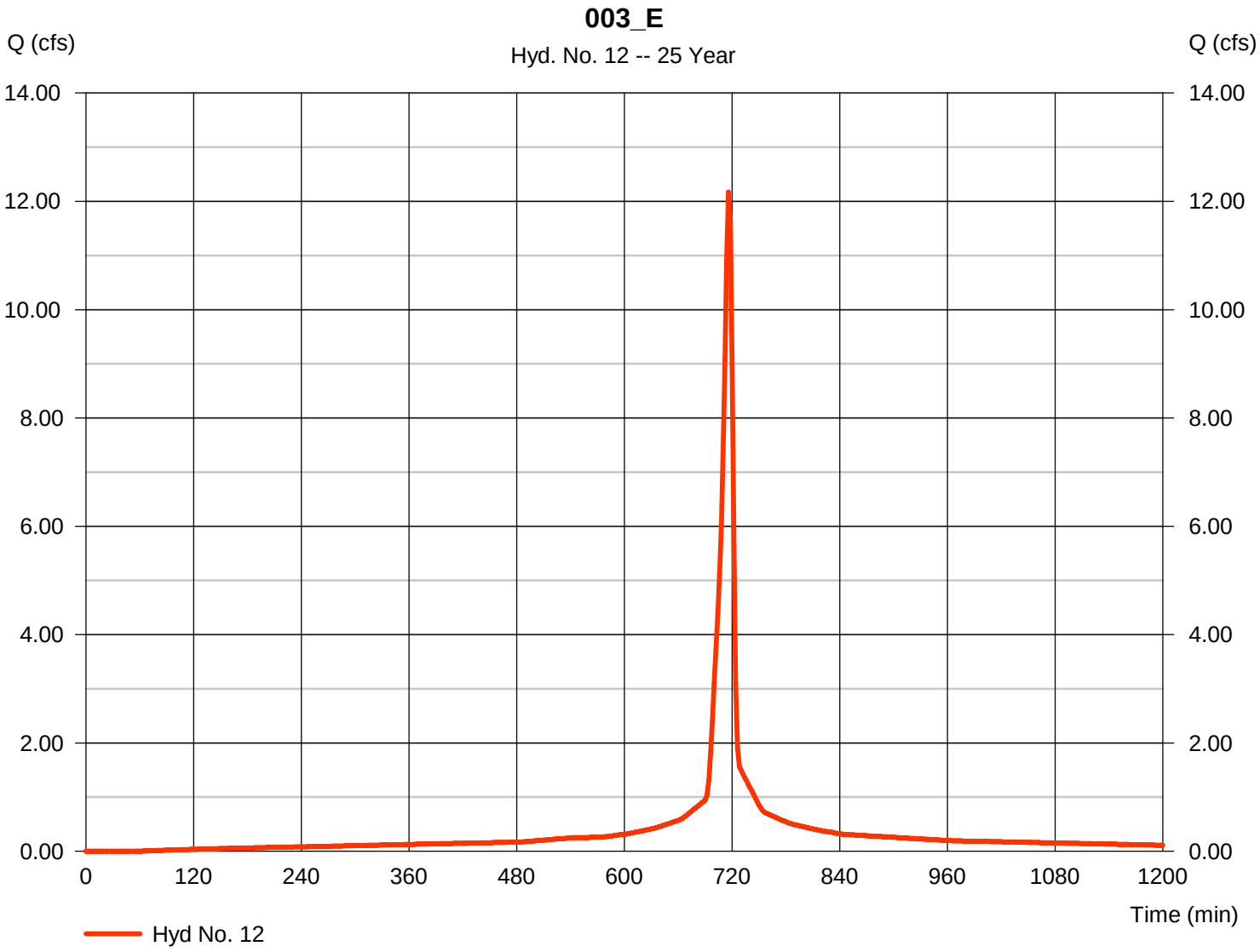
Hydrograph Report

Hyd. No. 12

003_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	12.17 cfs
Storm frequency	=	25 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	28,850 cuft
Drainage area	=	1.380 ac	Curve number	=	97*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.304 x 98) + (0.073 x 71)] / 1.380



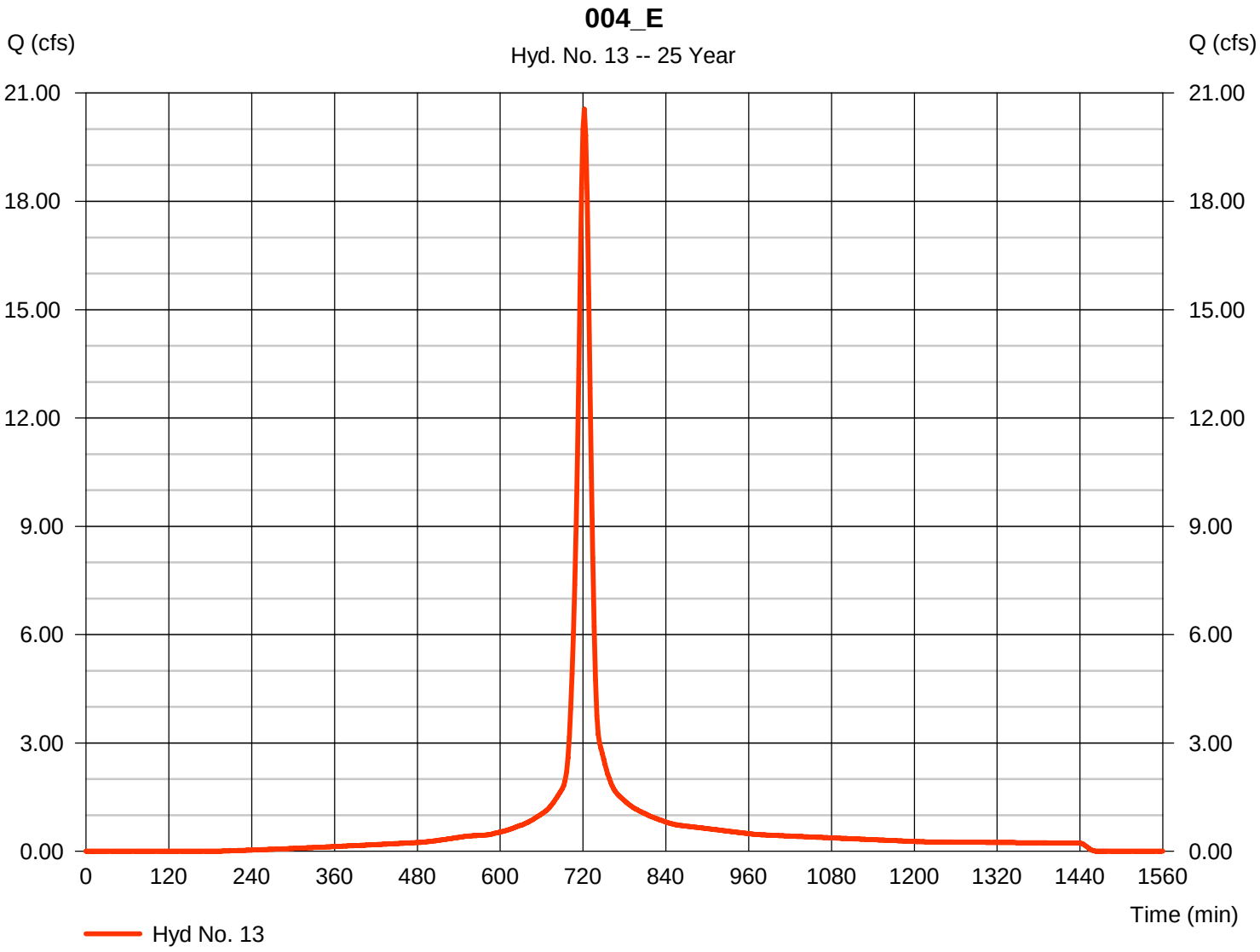
Hydrograph Report

Hyd. No. 13

004_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	20.55 cfs
Storm frequency	=	25 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	60,974 cuft
Drainage area	=	3.230 ac	Curve number	=	90*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	15.10 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.155 x 98) + (0.109 x 71) + (0.970 x 76)] / 3.230



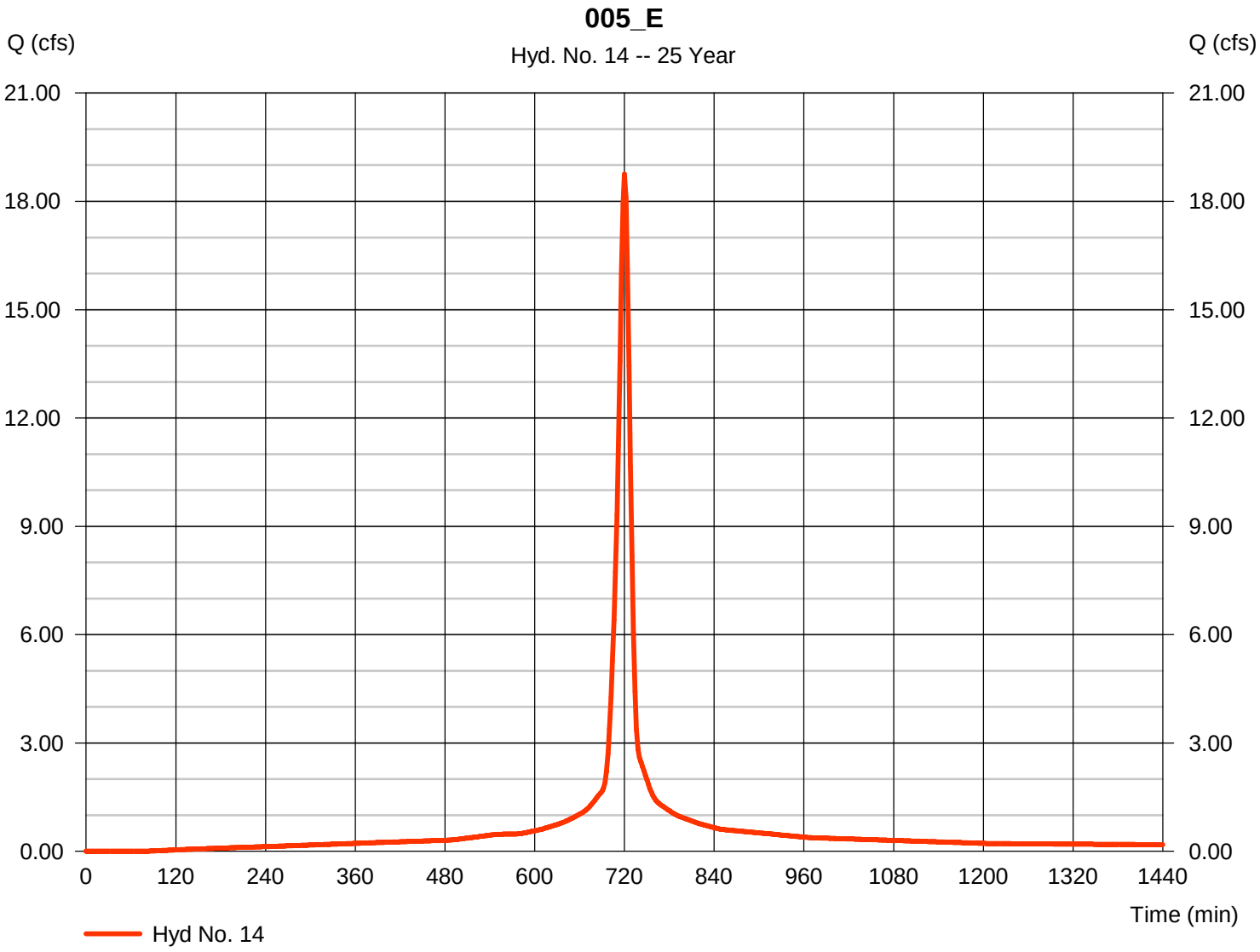
Hydrograph Report

Hyd. No. 14

005_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	18.76 cfs
Storm frequency	=	25 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	54,810 cuft
Drainage area	=	2.430 ac	Curve number	=	96*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	11.00 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.220 x 98) + (0.052 x 71) + (0.081 x 71) + (0.080 x 71)] / 2.430



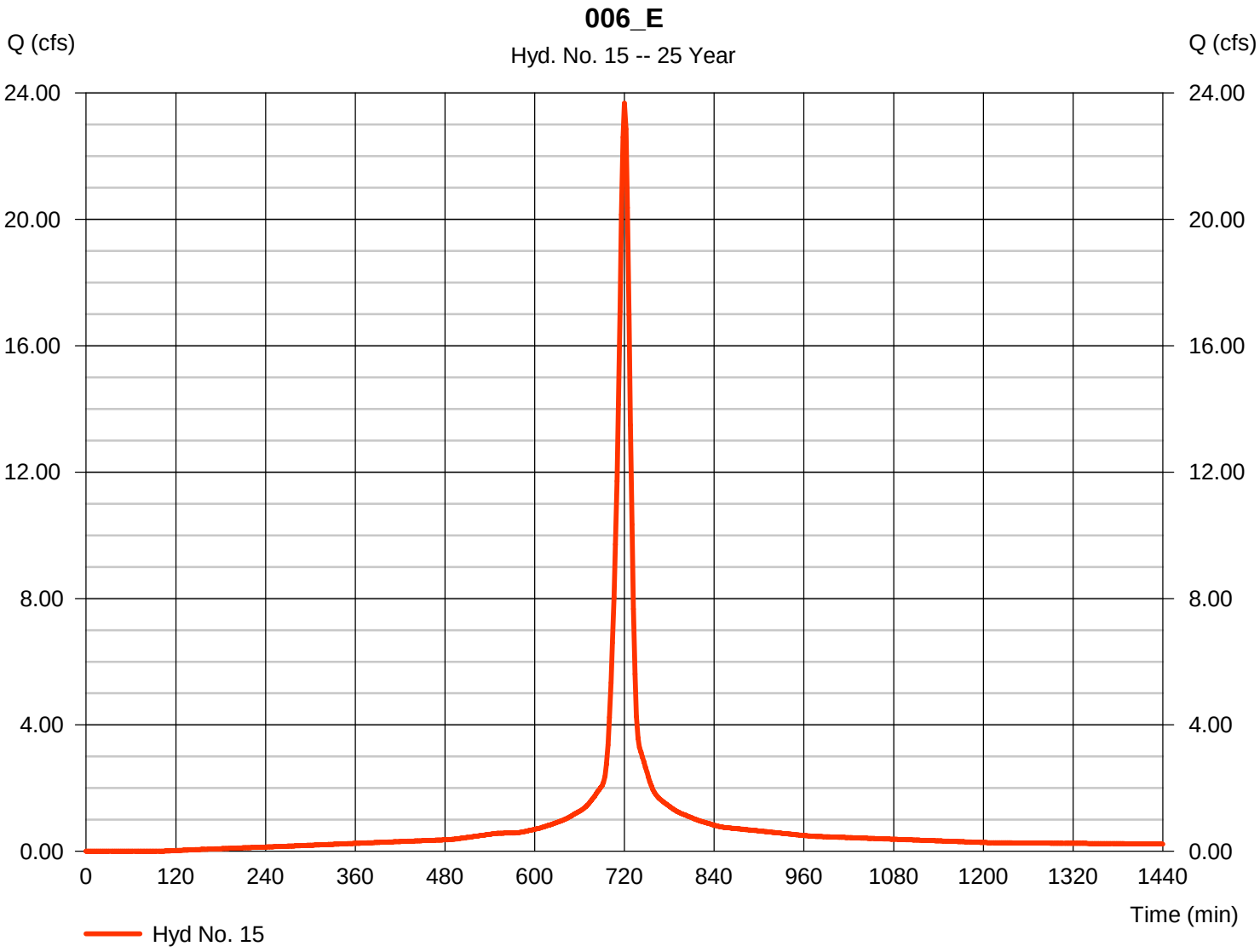
Hydrograph Report

Hyd. No. 15

006_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	23.68 cfs
Storm frequency	=	25 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	68,344 cuft
Drainage area	=	3.090 ac	Curve number	=	95*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	10.20 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.783 x 98) + (0.059 x 71) + (0.144 x 71) + (0.107 x 71)] / 3.090



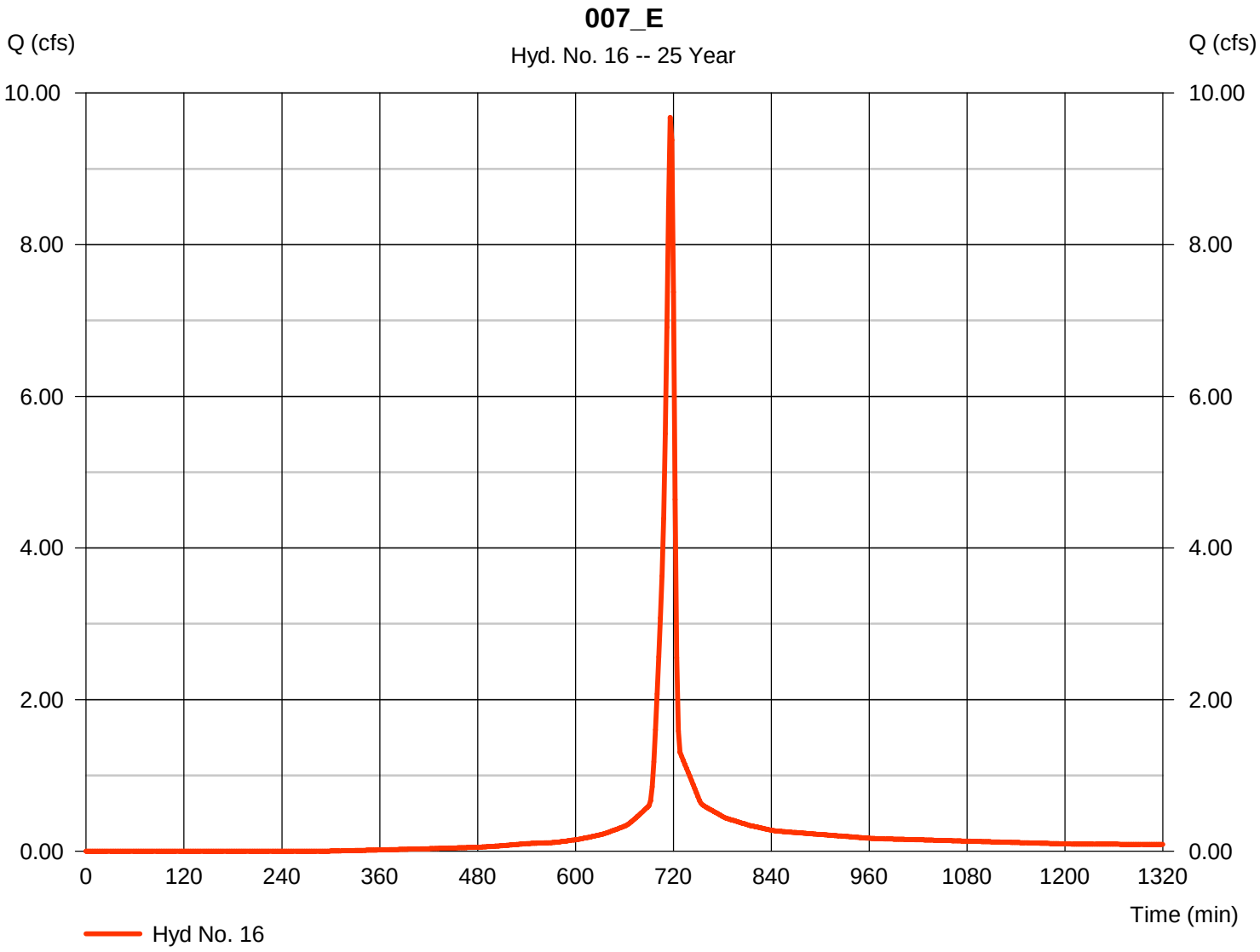
Hydrograph Report

Hyd. No. 16

007_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	9.677 cfs
Storm frequency	=	25 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	20,327 cuft
Drainage area	=	1.280 ac	Curve number	=	84*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	6.40 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.655 x 71) + (0.623 x 98)] / 1.280



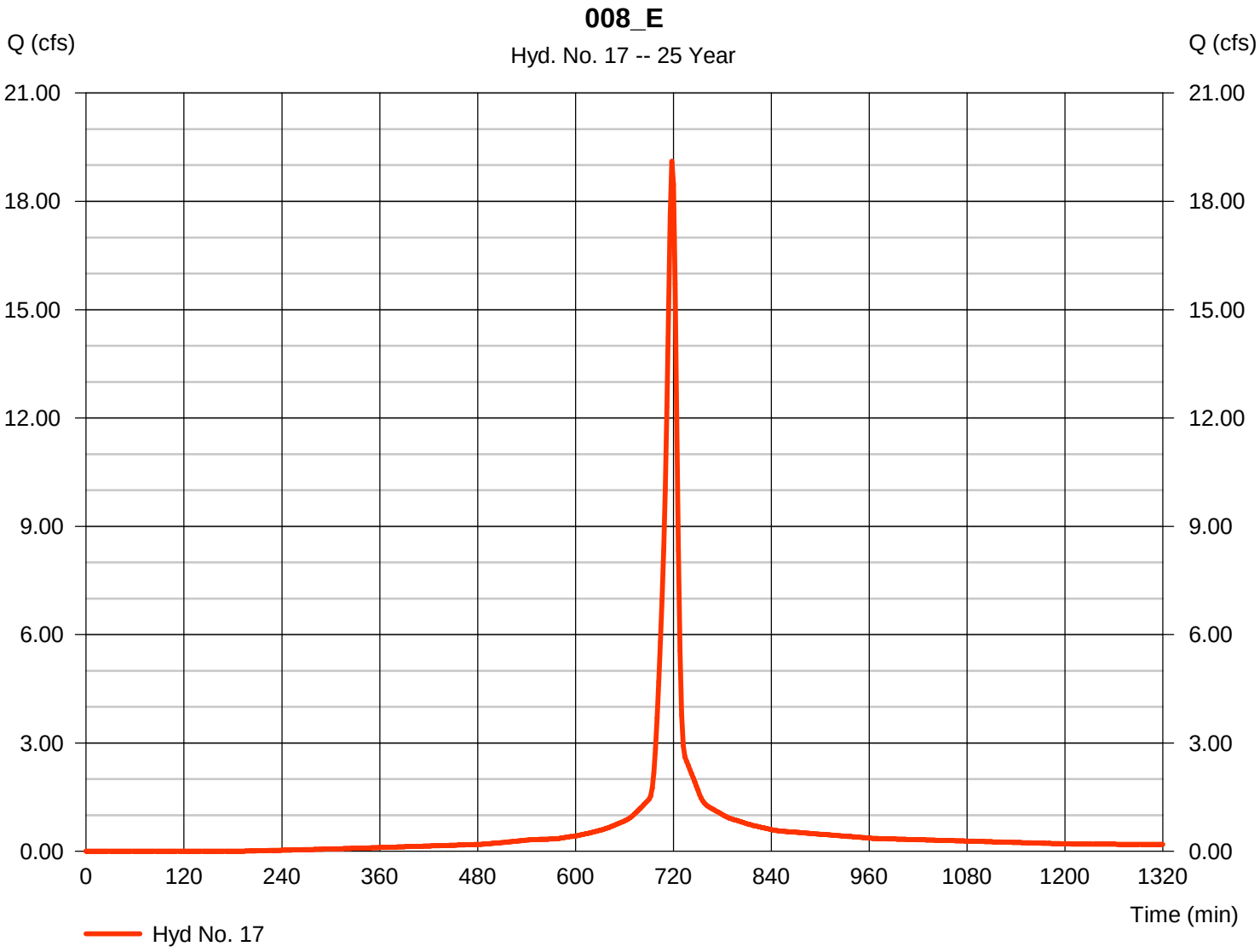
Hydrograph Report

Hyd. No. 17

008_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	19.11 cfs
Storm frequency	=	25 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	46,855 cuft
Drainage area	=	2.420 ac	Curve number	=	90*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	7.90 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.736 x 98) + (0.681 x 71)] / 2.420

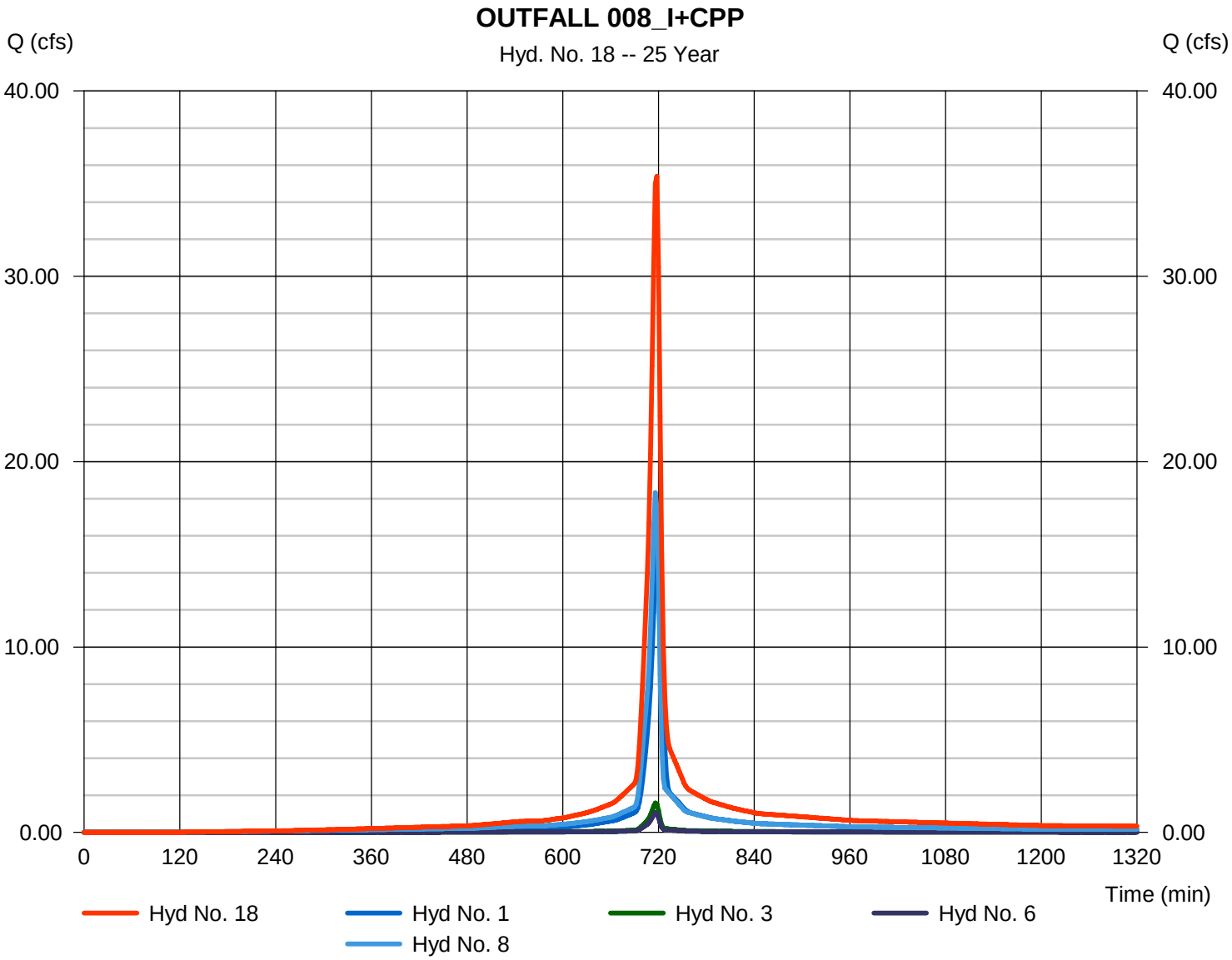


Hydrograph Report

Hyd. No. 18

OUTFALL 008_I+CPP

Hydrograph type	=	Combine	Peak discharge	=	35.40 cfs
Storm frequency	=	25 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	84,250 cuft
Inflow hyds.	=	1, 3, 6, 8	Contrib. drain. area	=	4.493 ac

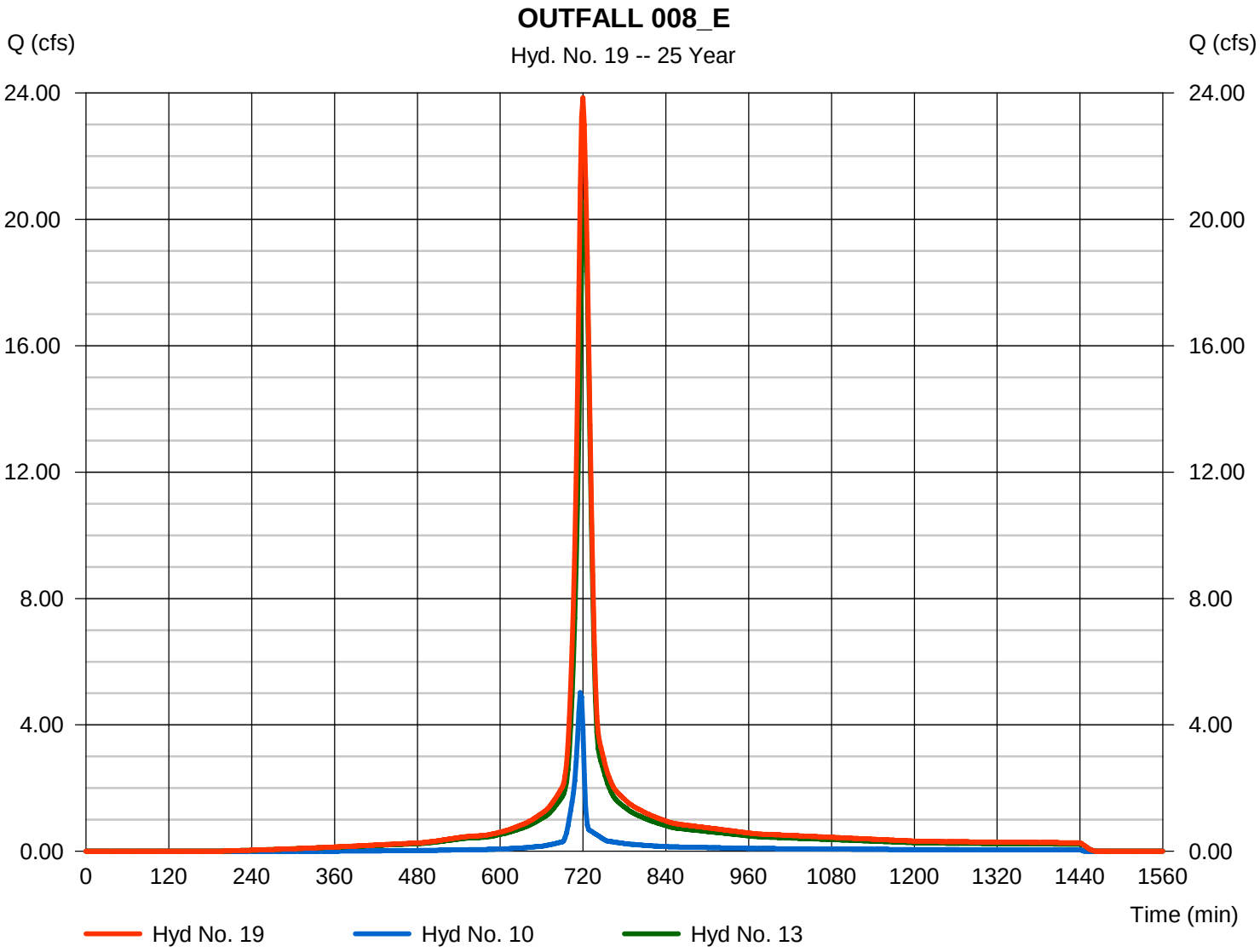


Hydrograph Report

Hyd. No. 19

OUTFALL 008_E

Hydrograph type	=	Combine	Peak discharge	=	23.85 cfs
Storm frequency	=	25 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	71,422 cuft
Inflow hyds.	=	10, 13	Contrib. drain. area	=	3.920 ac

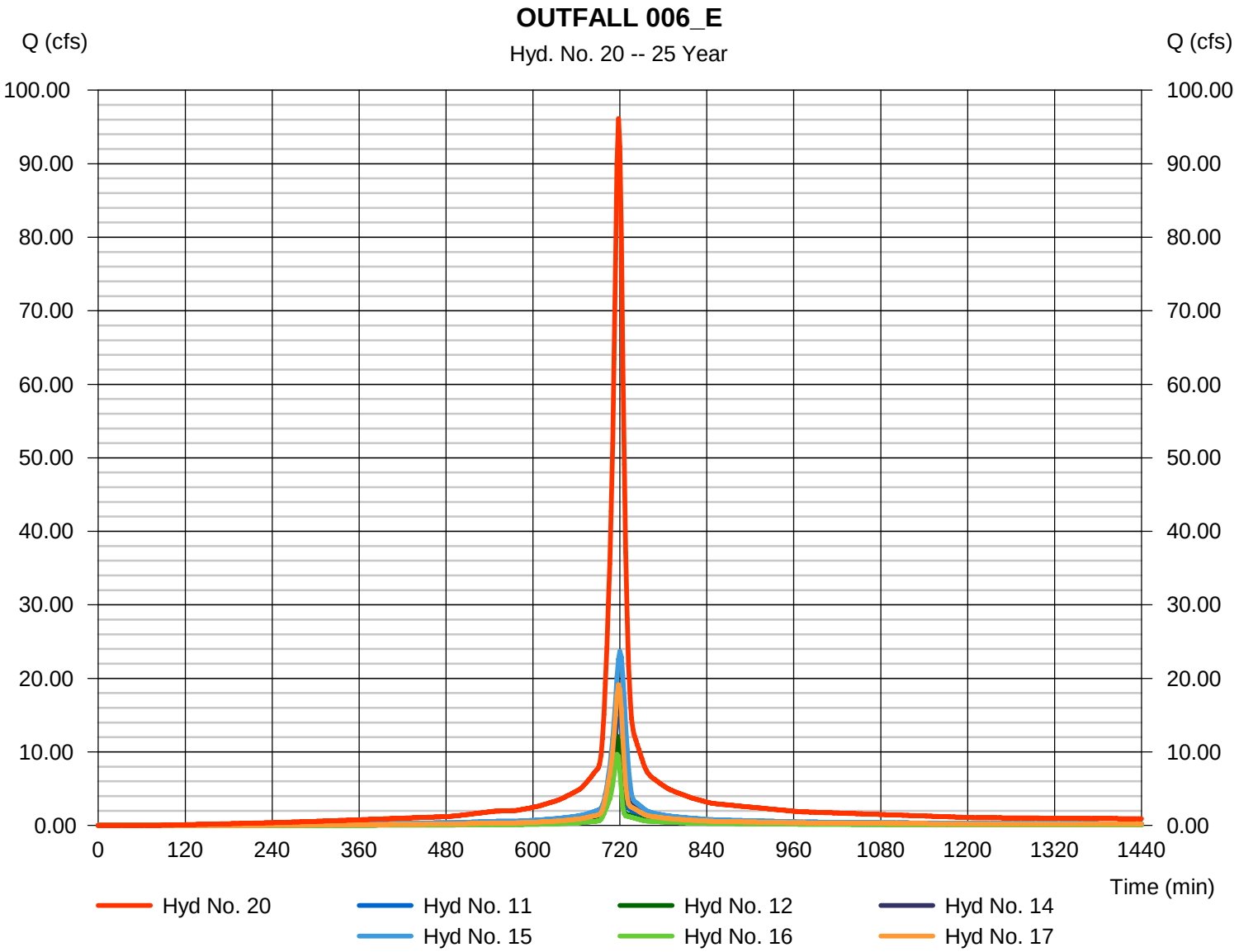


Hydrograph Report

Hyd. No. 20

OUTFALL 006_E

Hydrograph type	=	Combine	Peak discharge	=	96.12 cfs
Storm frequency	=	25 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	256,372 cuft
Inflow hyds.	=	11, 12, 14, 15, 16, 17	Contrib. drain. area	=	12.650 ac

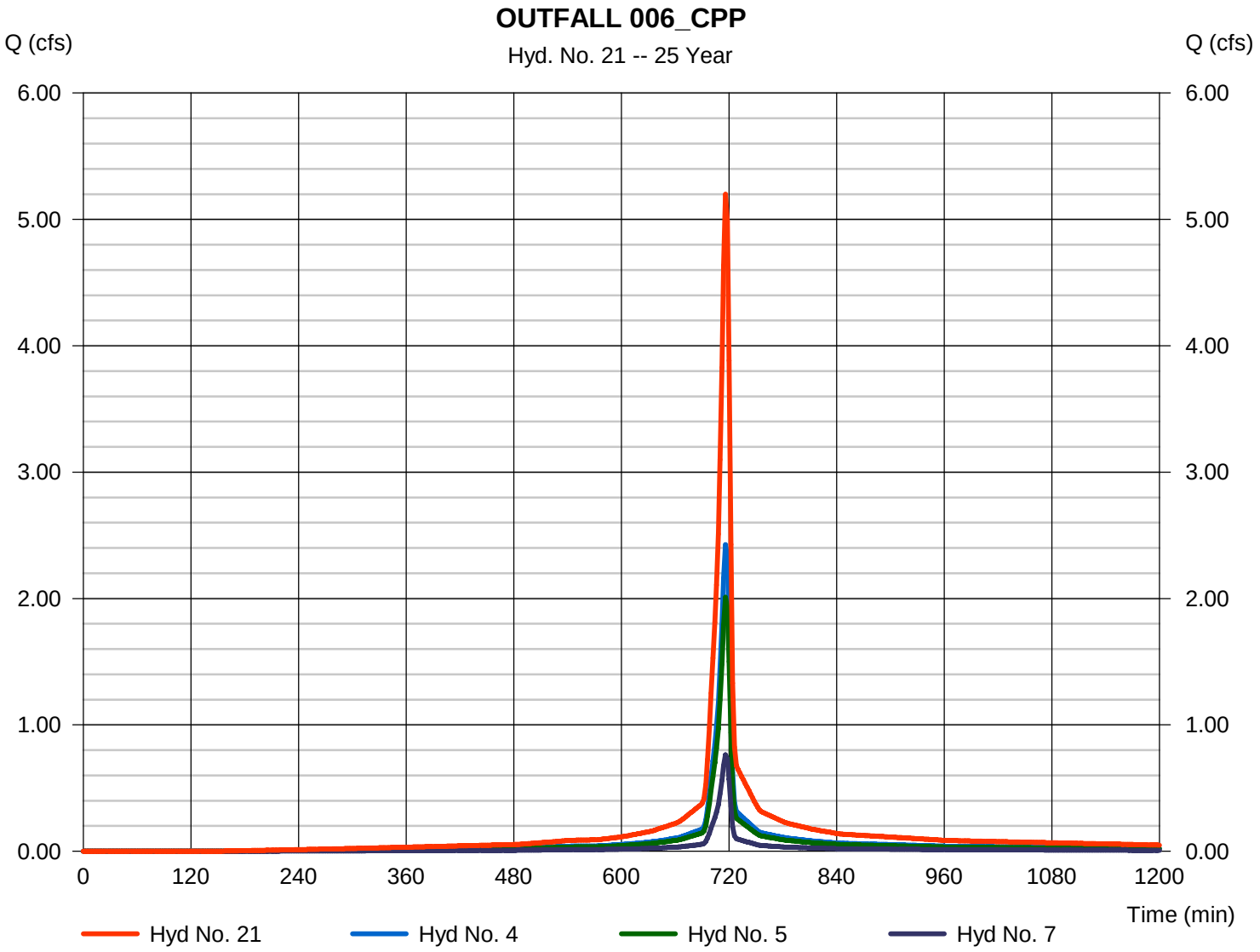


Hydrograph Report

Hyd. No. 21

OUTFALL 006_CPP

Hydrograph type	= Combine	Peak discharge	= 5.200 cfs
Storm frequency	= 25 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 11,602 cuft
Inflow hyds.	= 4, 5, 7	Contrib. drain. area	= 0.613 ac

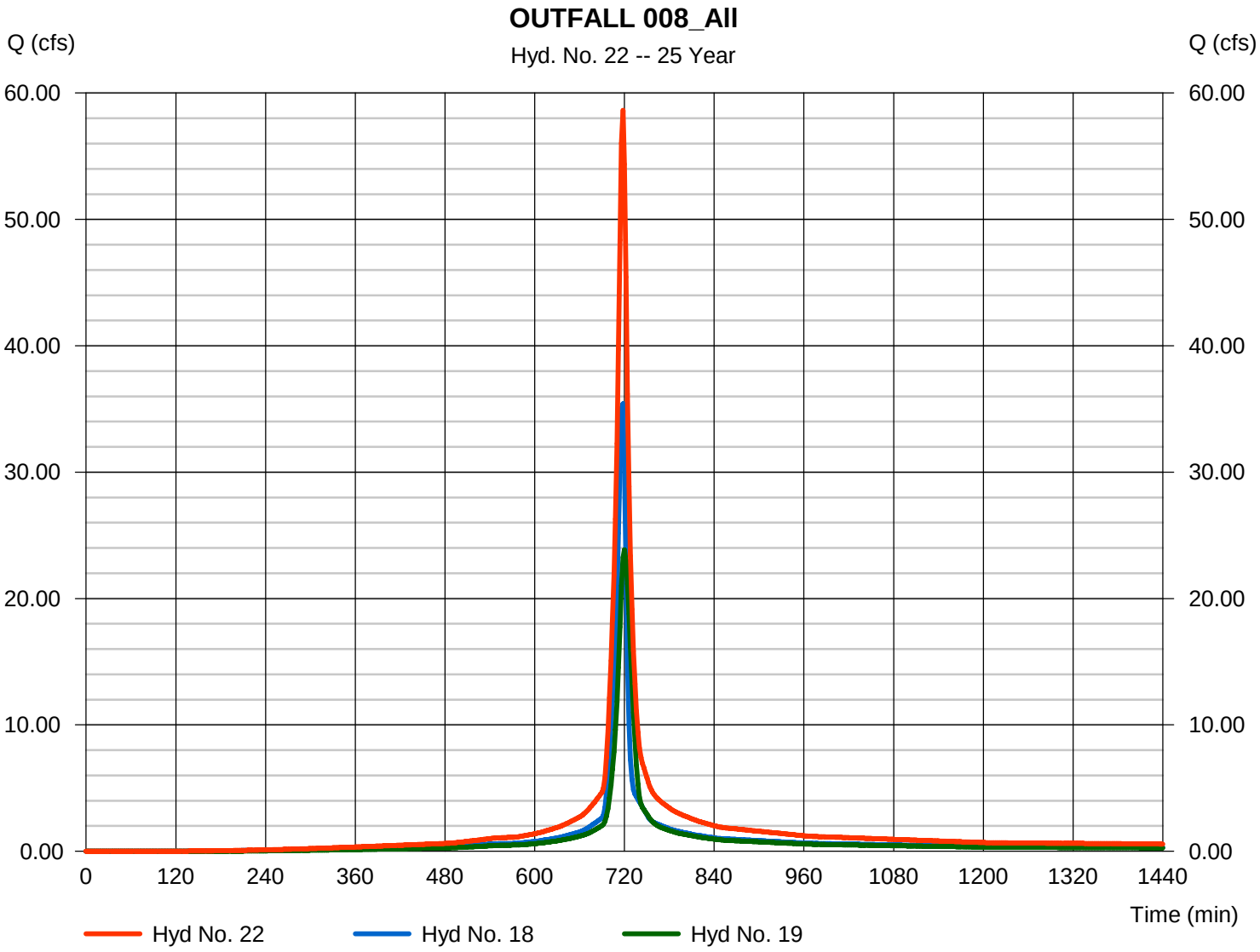


Hydrograph Report

Hyd. No. 22

OUTFALL 008_All

Hydrograph type	=	Combine	Peak discharge	=	58.64 cfs
Storm frequency	=	25 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	155,672 cuft
Inflow hyds.	=	18, 19	Contrib. drain. area	=	0.000 ac

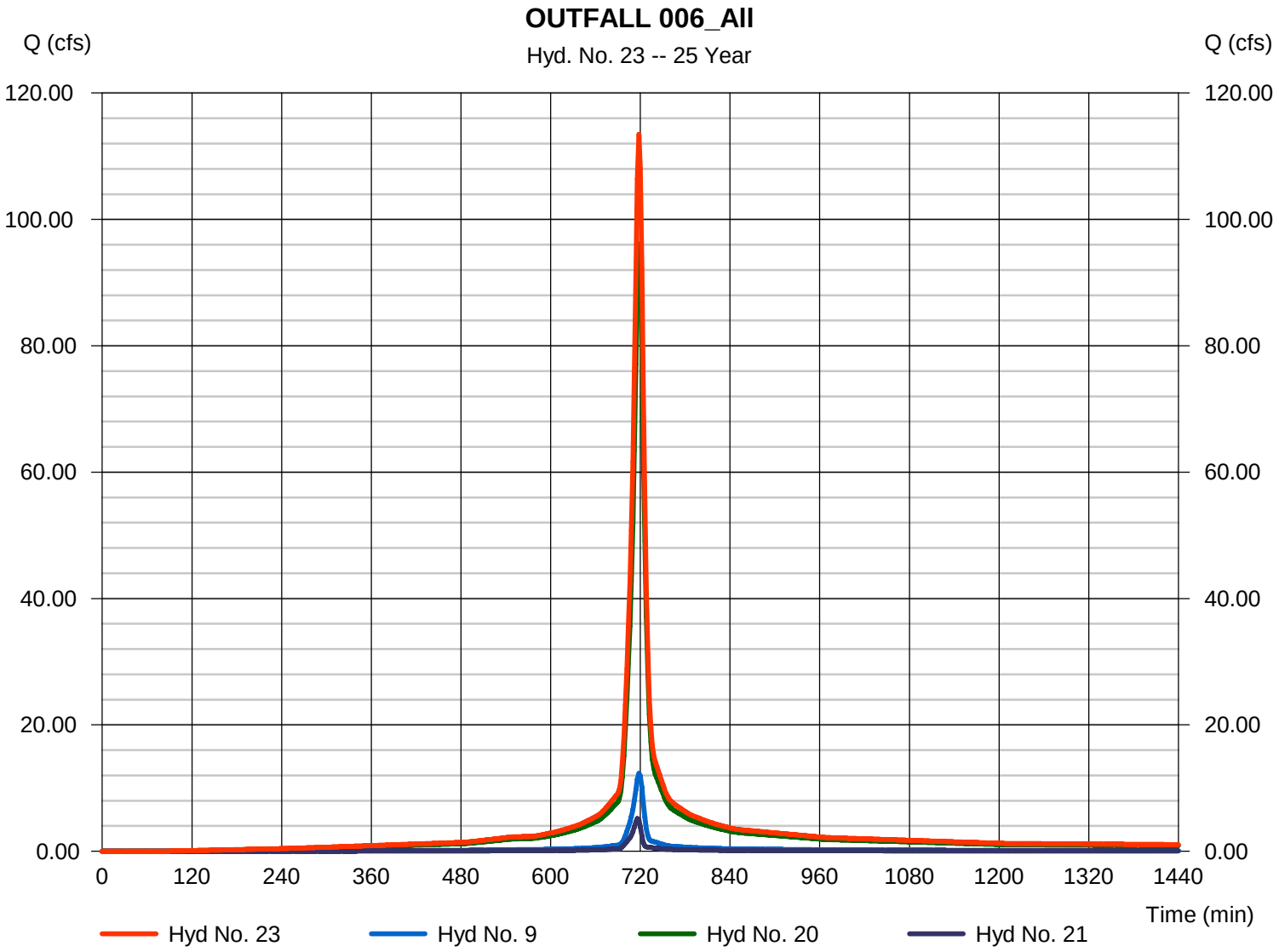


Hydrograph Report

Hyd. No. 23

OUTFALL 006_All

Hydrograph type	=	Combine	Peak discharge	=	113.45 cfs
Storm frequency	=	25 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	299,089 cuft
Inflow hyds.	=	9, 20, 21	Contrib. drain. area	=	1.510 ac



Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	18.60	2	718	44,883	------	------	------	001_I
2	SCS Runoff	2.618	2	716	5,912	------	------	------	004_CPP
3	SCS Runoff	1.891	2	716	4,268	------	------	------	005_CPP
4	SCS Runoff	2.891	2	716	6,528	------	------	------	006_CPP
5	SCS Runoff	2.396	2	716	5,409	------	------	------	007_CPP
6	SCS Runoff	1.274	2	716	2,876	------	------	------	008_CPP
7	SCS Runoff	0.910	2	716	2,054	------	------	------	009_CPP
8	SCS Runoff	21.75	2	716	50,098	------	------	------	002_I
9	SCS Runoff	14.68	2	718	37,412	------	------	------	003_Ti
10	SCS Runoff	6.180	2	716	13,003	------	------	------	001_E
11	SCS Runoff	18.75	2	718	45,535	------	------	------	002_E
12	SCS Runoff	14.37	2	716	34,288	------	------	------	003_E
13	SCS Runoff	24.66	2	722	73,976	------	------	------	004_E
14	SCS Runoff	22.18	2	720	65,329	------	------	------	005_E
15	SCS Runoff	28.05	2	720	81,696	------	------	------	006_E
16	SCS Runoff	11.82	2	716	25,131	------	------	------	007_E
17	SCS Runoff	22.91	2	718	56,846	------	------	------	008_E
18	Combine	42.41	2	718	102,125	1, 3, 6, 8,	------	------	OUTFALL 008_I+CPP
19	Combine	28.73	2	720	86,979	10, 13,	------	------	OUTFALL 008_E
20	Combine	114.78	2	718	308,824	11, 12, 14, 15, 16, 17,	------	------	OUTFALL 006_E
21	Combine	6.197	2	716	13,992	4, 5, 7,	------	------	OUTFALL 006_CPP
22	Combine	70.49	2	718	189,104	18, 19,	------	------	OUTFALL 008_All
23	Combine	135.40	2	718	360,228	9, 20, 21,	------	------	OUTFALL 006_All

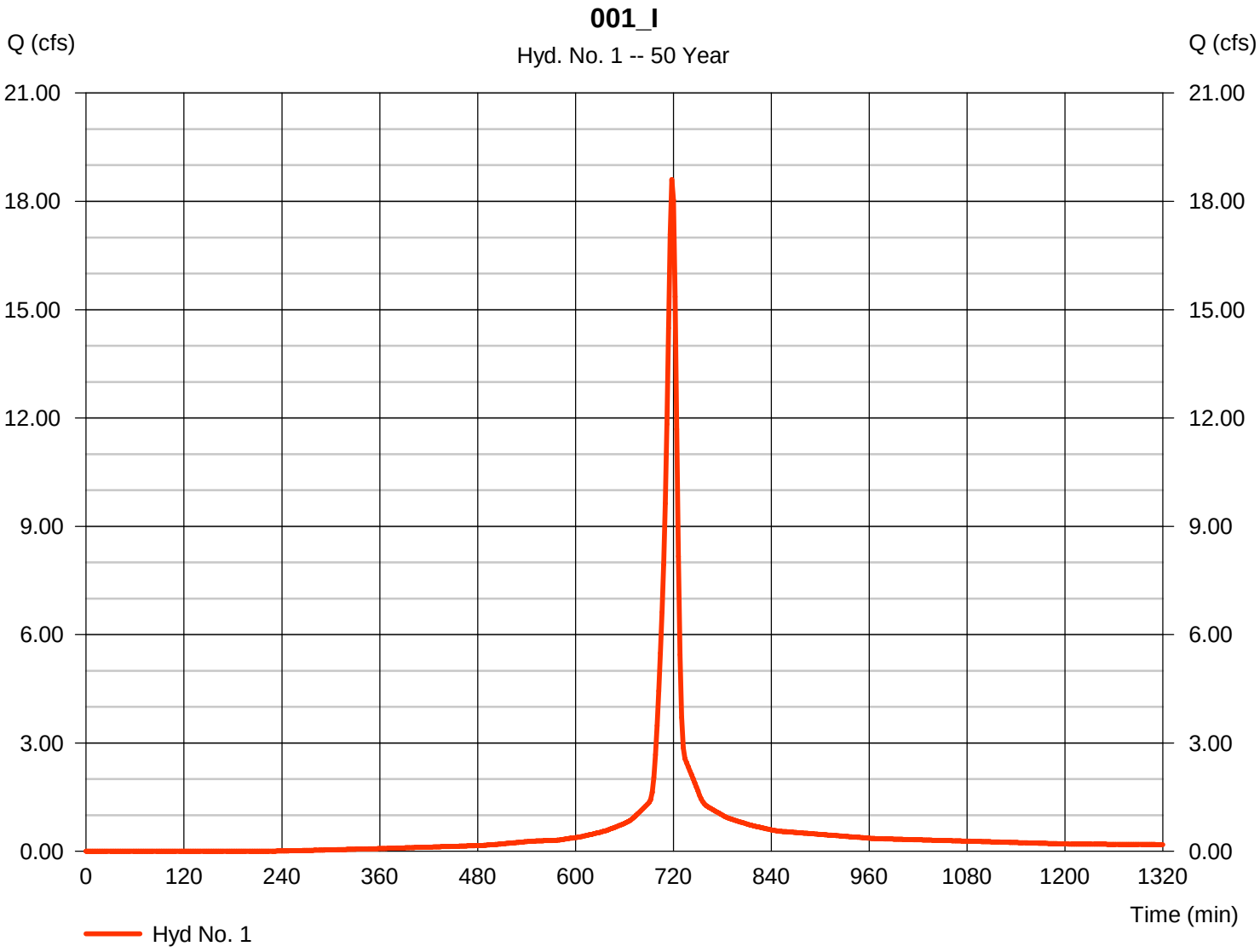
Hydrograph Report

Hyd. No. 1

001_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	18.60 cfs
Storm frequency	=	50 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	44,883 cuft
Drainage area	=	2.060 ac	Curve number	=	86*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	7.20 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.140 x 98) + (0.860 x 71) + (0.060 x 71)] / 2.060

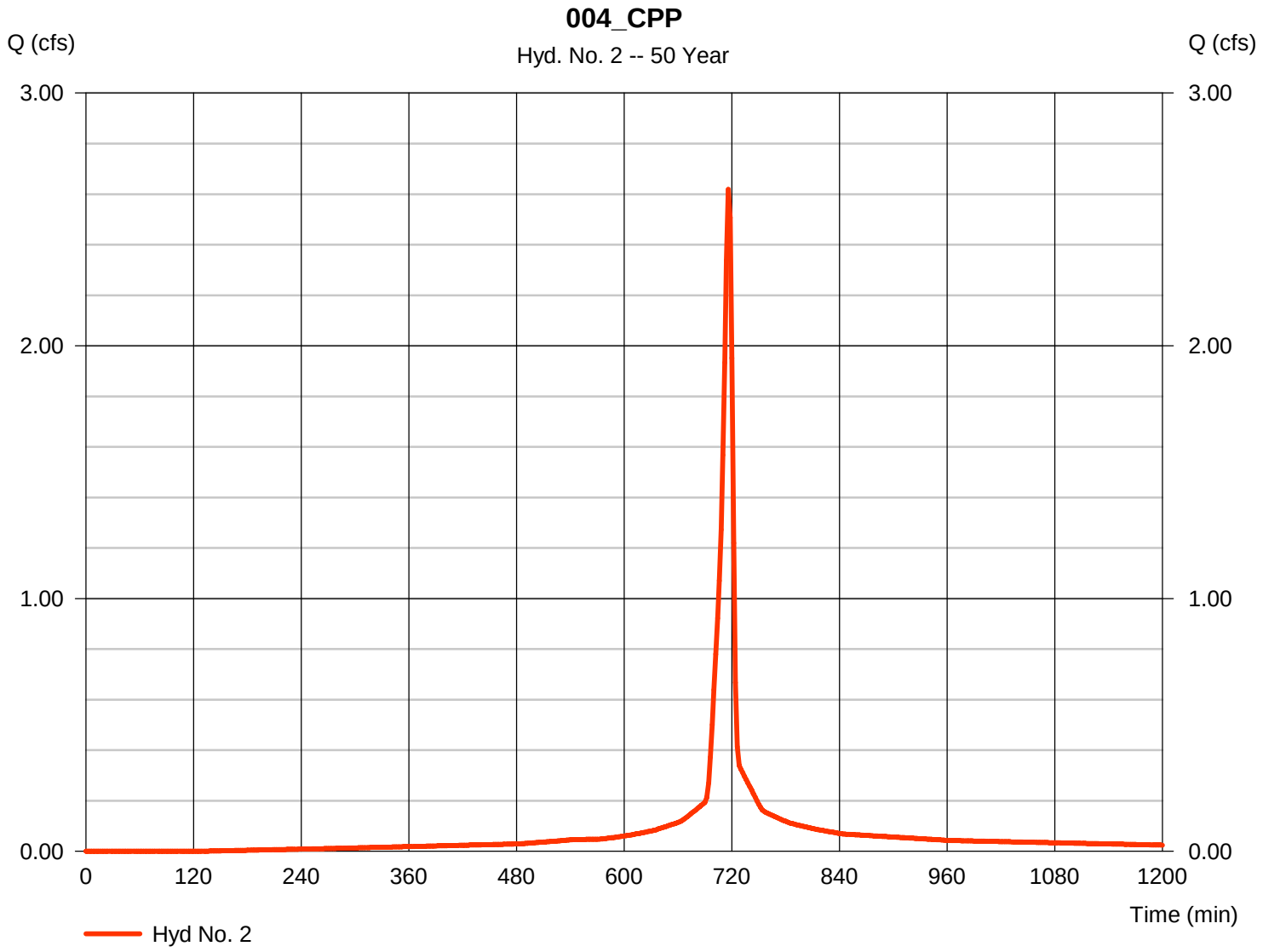


Hydrograph Report

Hyd. No. 2

004_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.618 cfs
Storm frequency	=	50 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	5,912 cuft
Drainage area	=	0.259 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

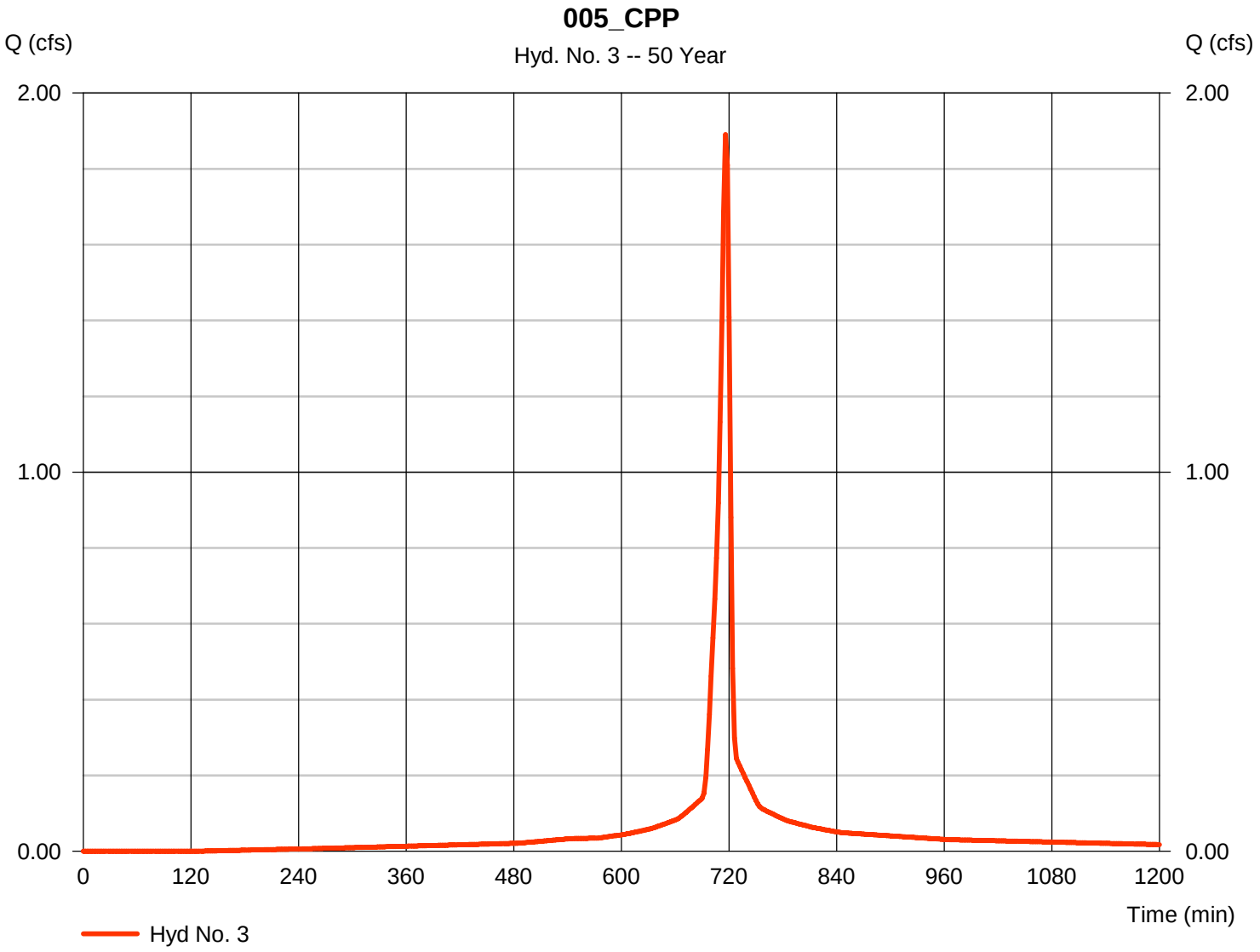


Hydrograph Report

Hyd. No. 3

005_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.891 cfs
Storm frequency	=	50 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	4,268 cuft
Drainage area	=	0.187 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

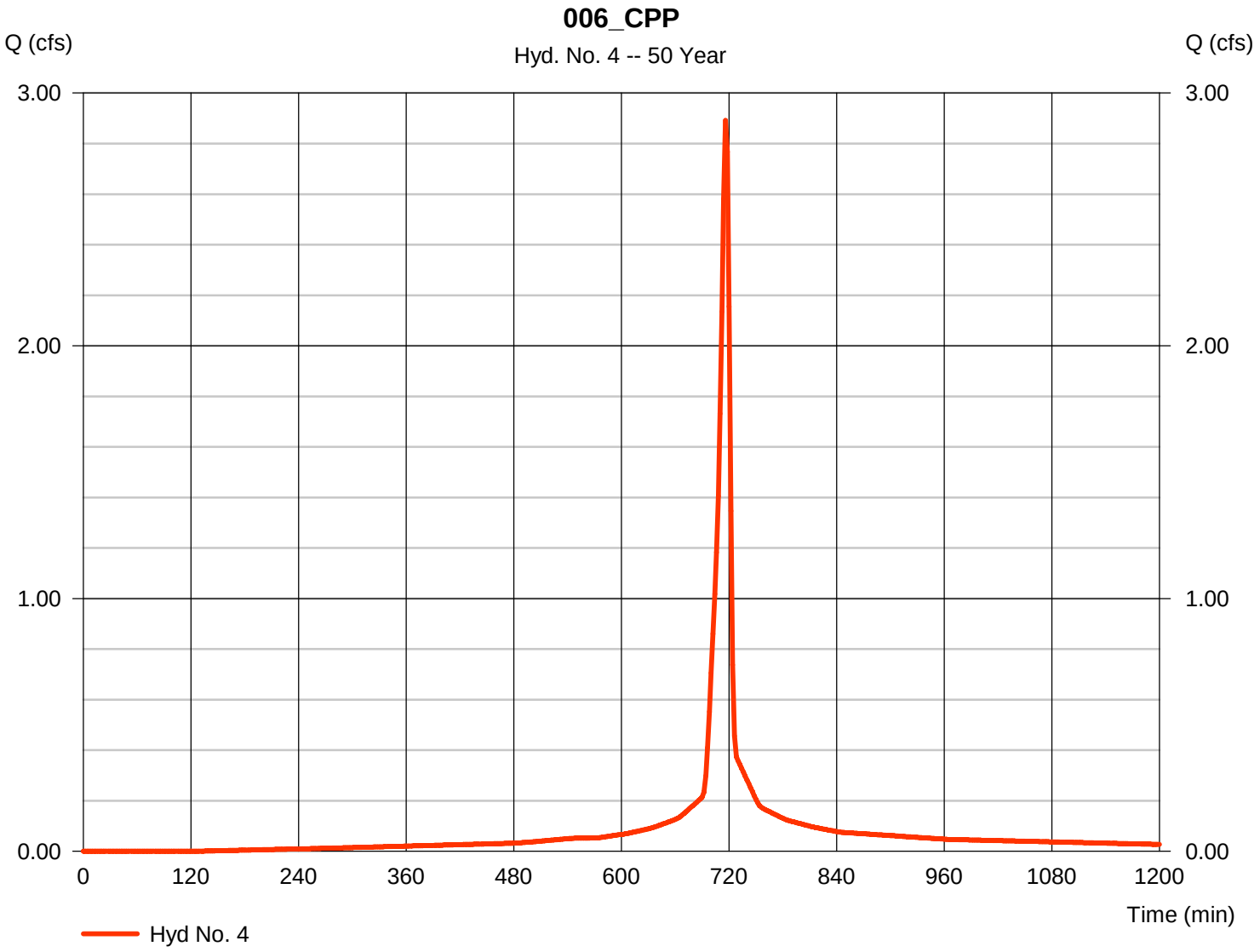


Hydrograph Report

Hyd. No. 4

006_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.891 cfs
Storm frequency	=	50 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	6,528 cuft
Drainage area	=	0.286 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

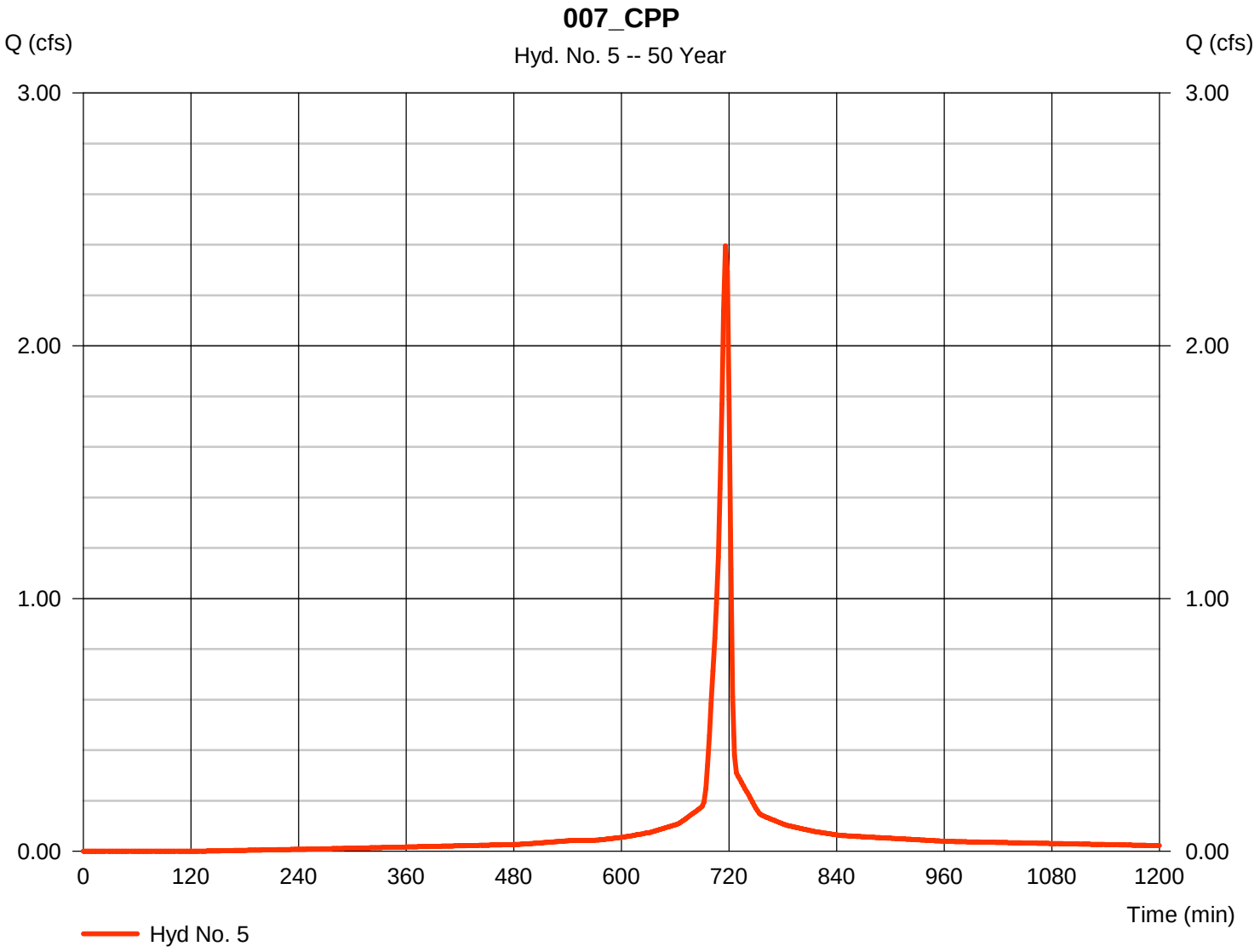


Hydrograph Report

Hyd. No. 5

007_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.396 cfs
Storm frequency	=	50 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	5,409 cuft
Drainage area	=	0.237 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

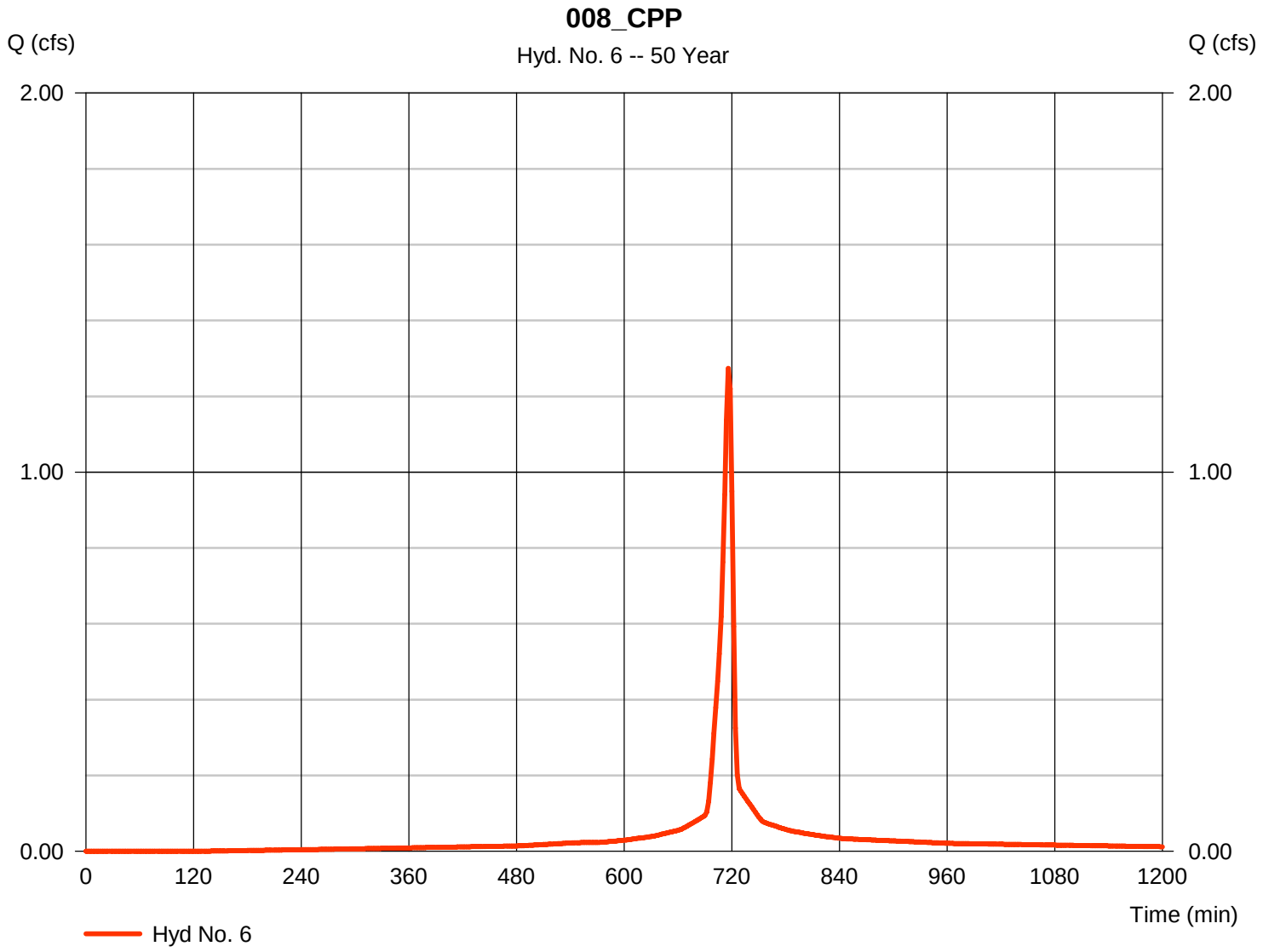


Hydrograph Report

Hyd. No. 6

008_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.274 cfs
Storm frequency	=	50 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	2,876 cuft
Drainage area	=	0.126 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

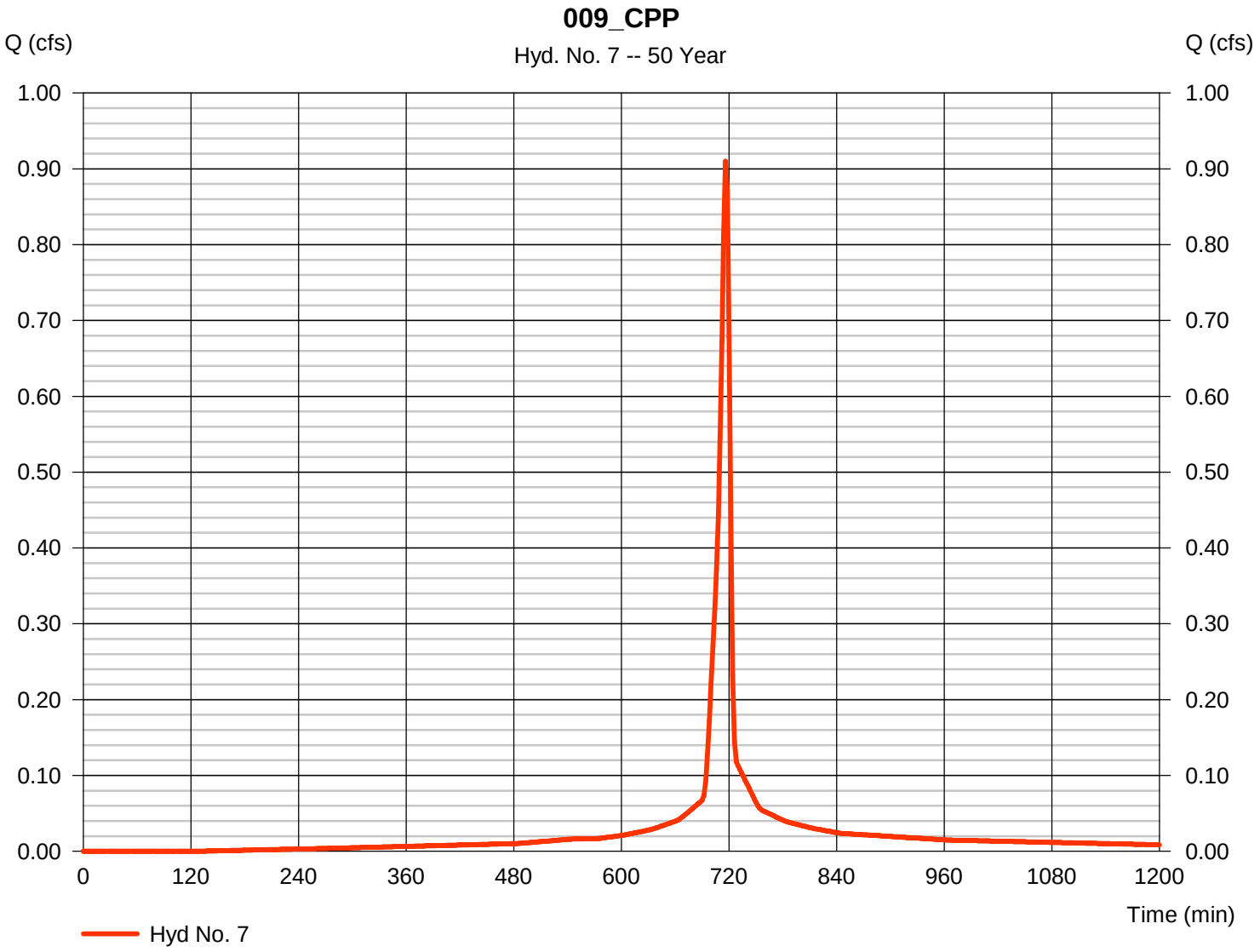


Hydrograph Report

Hyd. No. 7

009_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.910 cfs
Storm frequency	=	50 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	2,054 cuft
Drainage area	=	0.090 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484



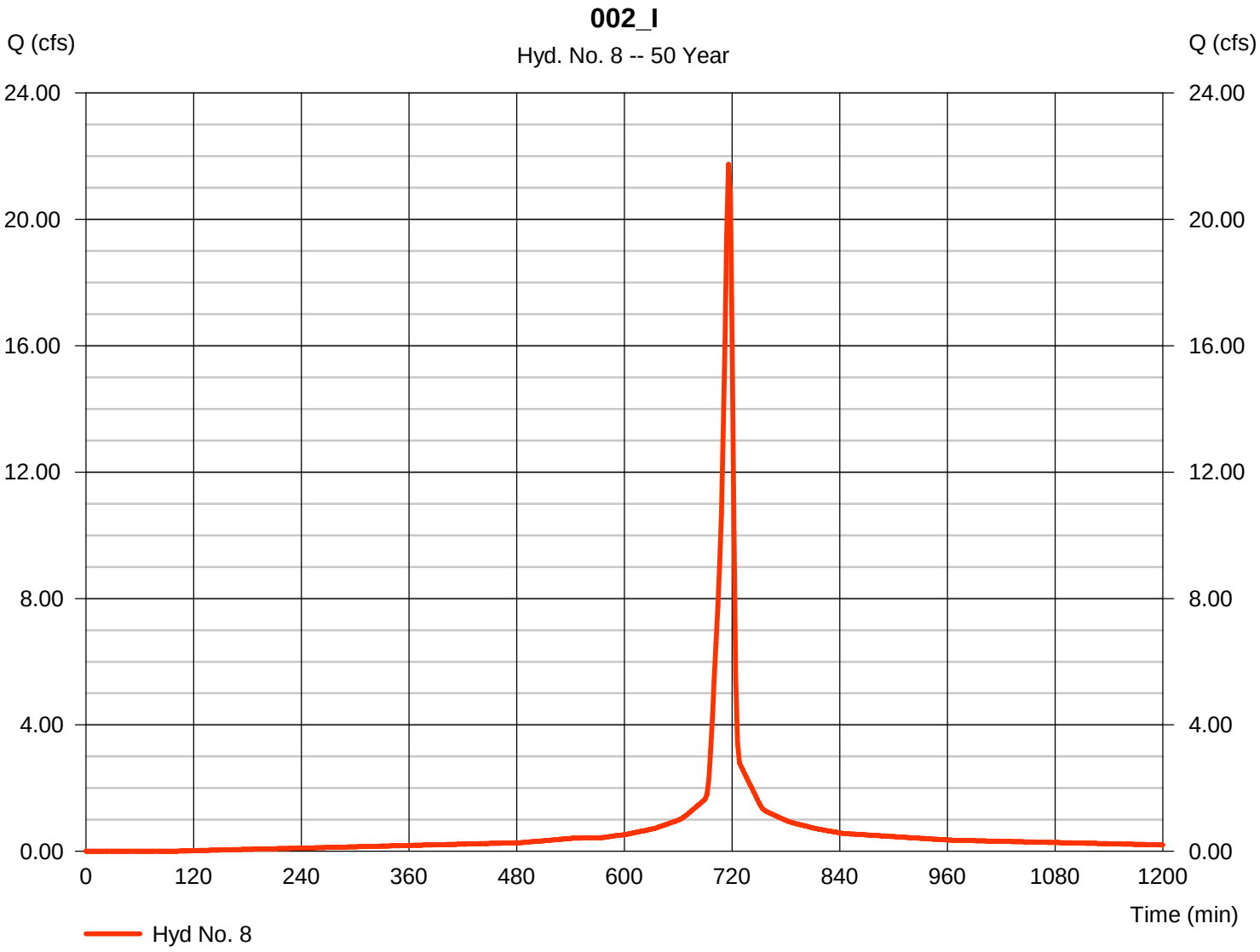
Hydrograph Report

Hyd. No. 8

002_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	21.75 cfs
Storm frequency	=	50 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	50,098 cuft
Drainage area	=	2.120 ac	Curve number	=	94*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.802 x 98) + (0.192 x 71) + (0.125 x 71)] / 2.120



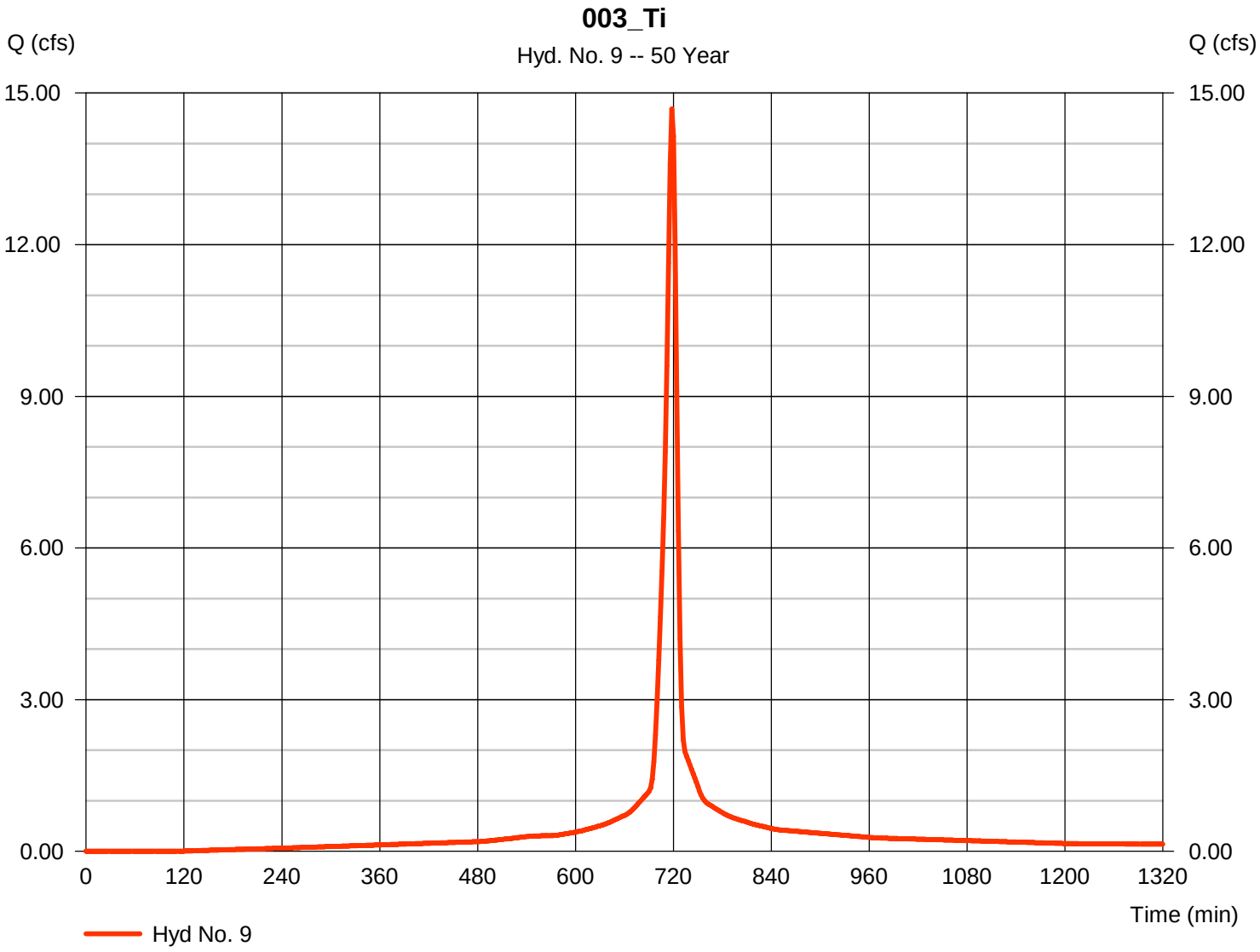
Hydrograph Report

Hyd. No. 9

003_Ti

Hydrograph type	=	SCS Runoff	Peak discharge	=	14.68 cfs
Storm frequency	=	50 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	37,412 cuft
Drainage area	=	1.510 ac	Curve number	=	93*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	9.20 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.228 x 98) + (0.234 x 71) + (0.049 x 71)] / 1.510



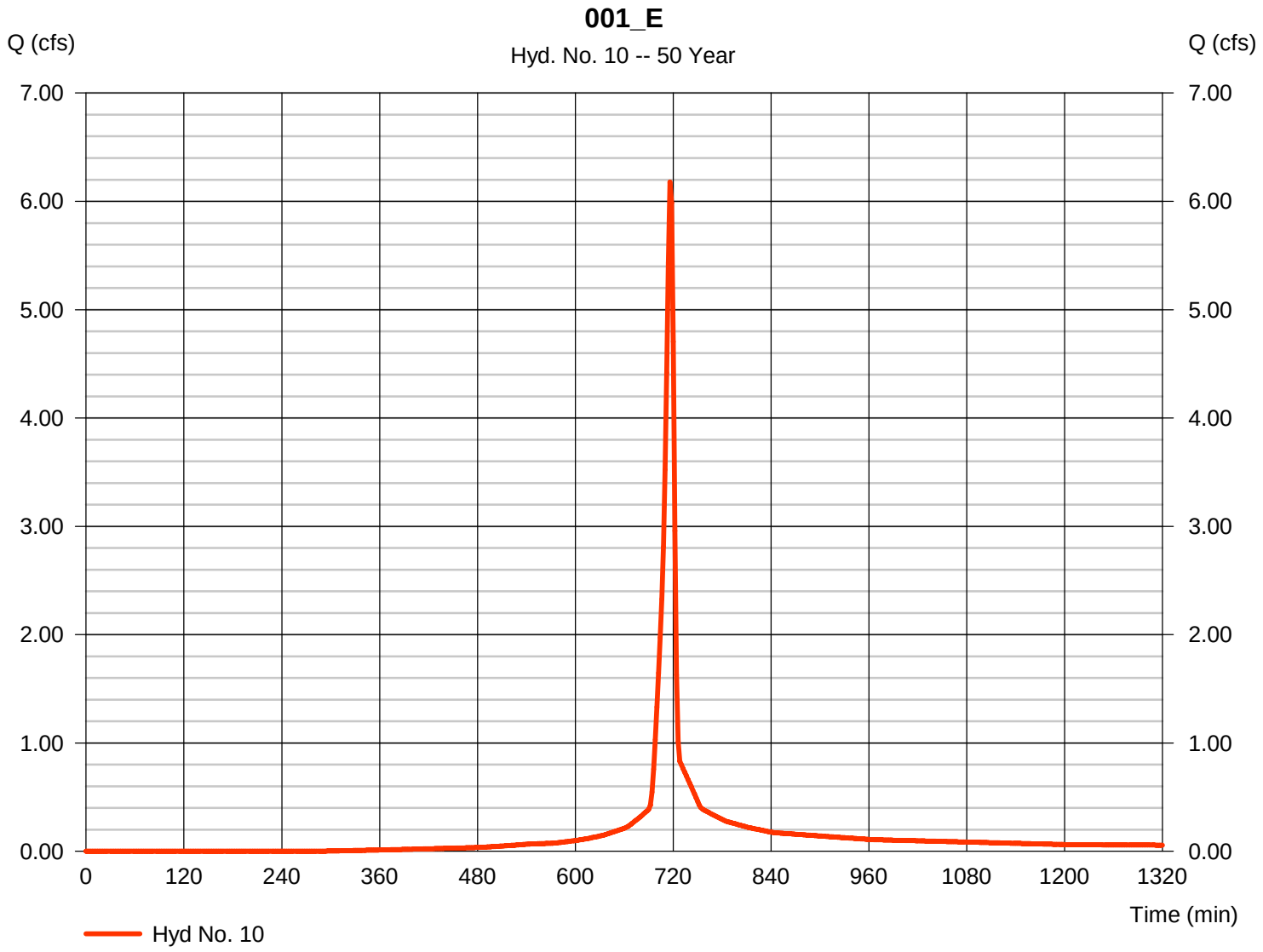
Hydrograph Report

Hyd. No. 10

001_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	6.180 cfs
Storm frequency	=	50 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	13,003 cuft
Drainage area	=	0.690 ac	Curve number	=	82*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.268 x 98) + (0.272 x 71) + (0.053 x 71) + (0.035 x 71) + (0.065 x 76)] / 0.690



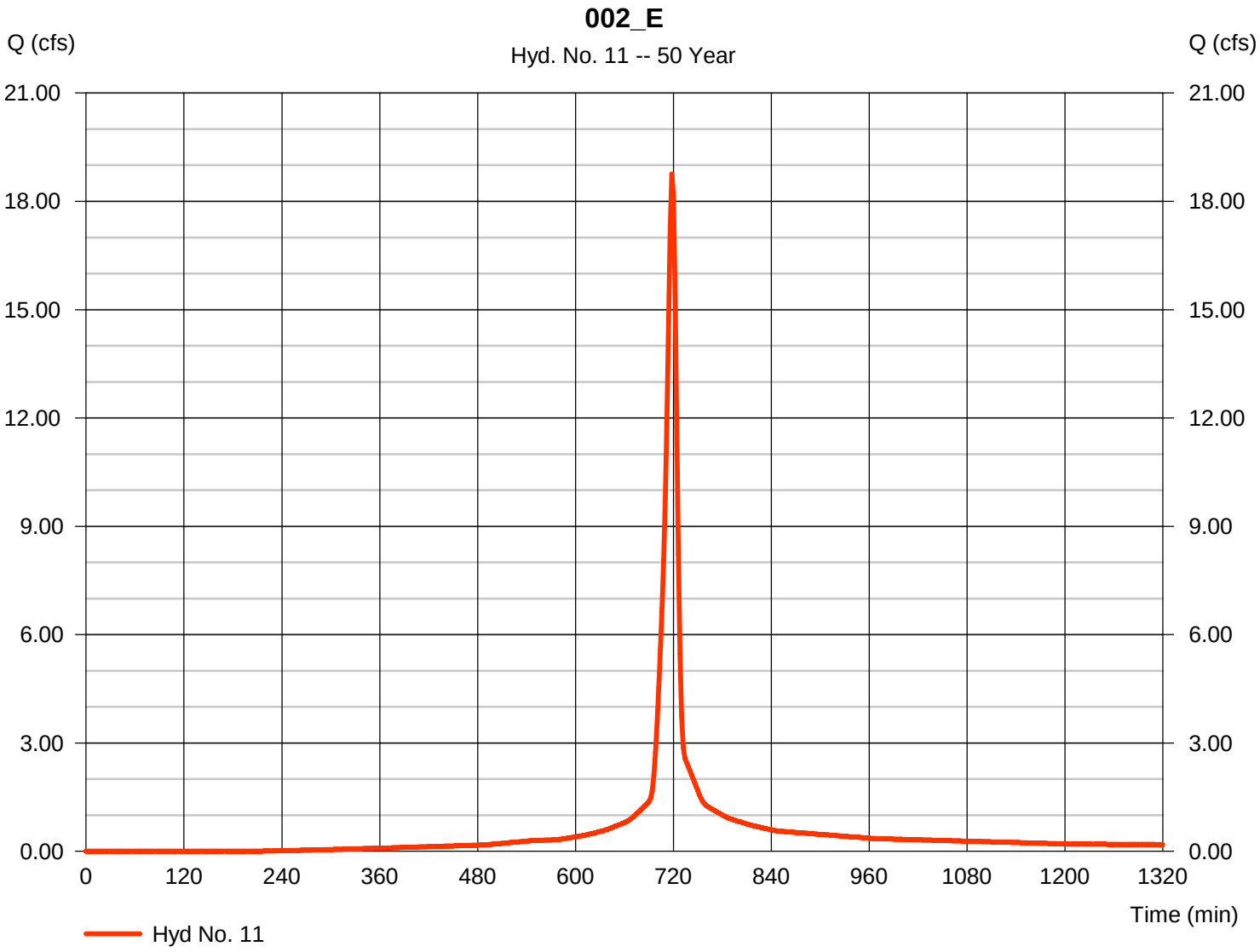
Hydrograph Report

Hyd. No. 11

002_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	18.75 cfs
Storm frequency	=	50 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	45,535 cuft
Drainage area	=	2.050 ac	Curve number	=	87*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	9.70 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.009 x 98) + (1.040 x 76)] / 2.050



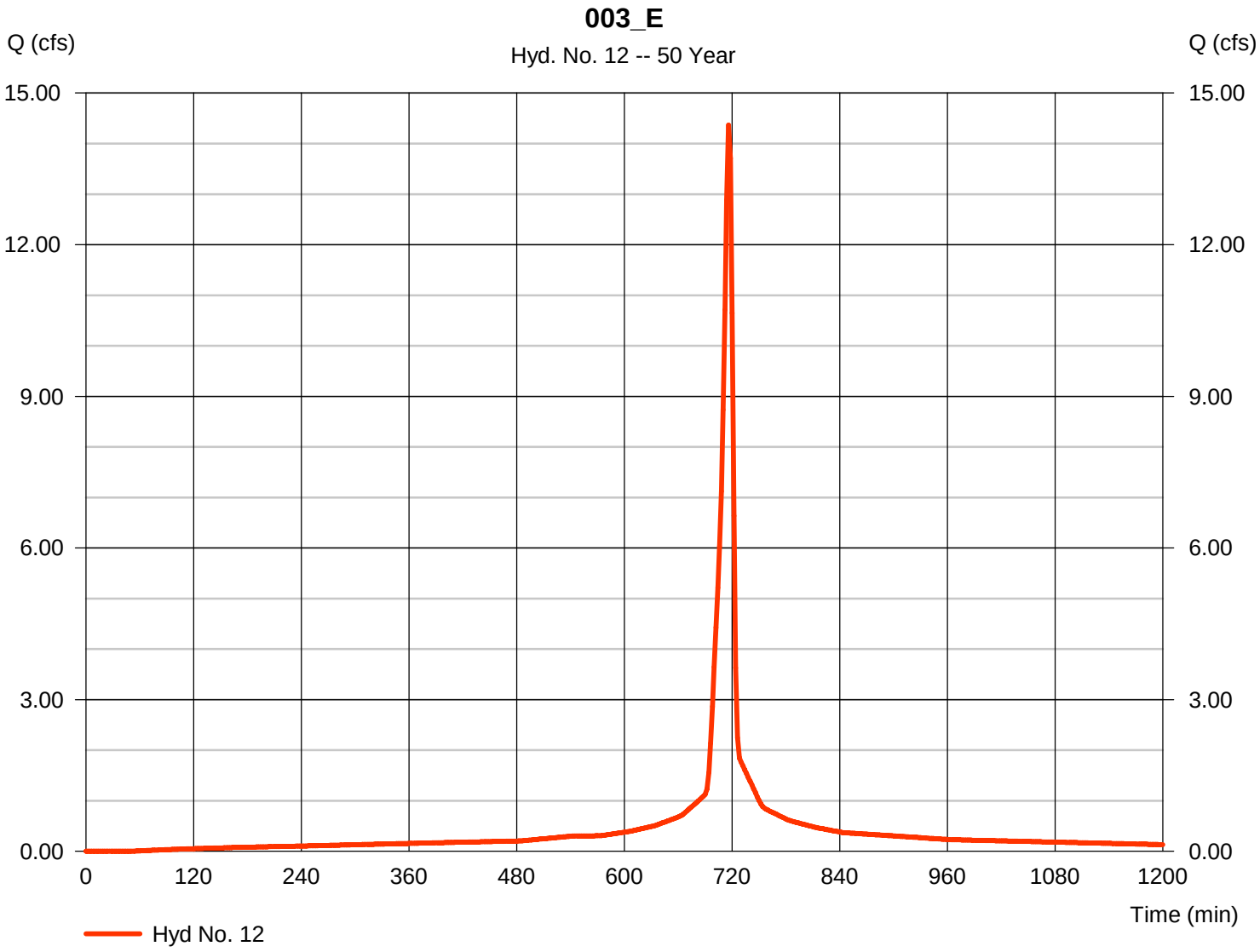
Hydrograph Report

Hyd. No. 12

003_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	14.37 cfs
Storm frequency	=	50 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	34,288 cuft
Drainage area	=	1.380 ac	Curve number	=	97*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.304 x 98) + (0.073 x 71)] / 1.380



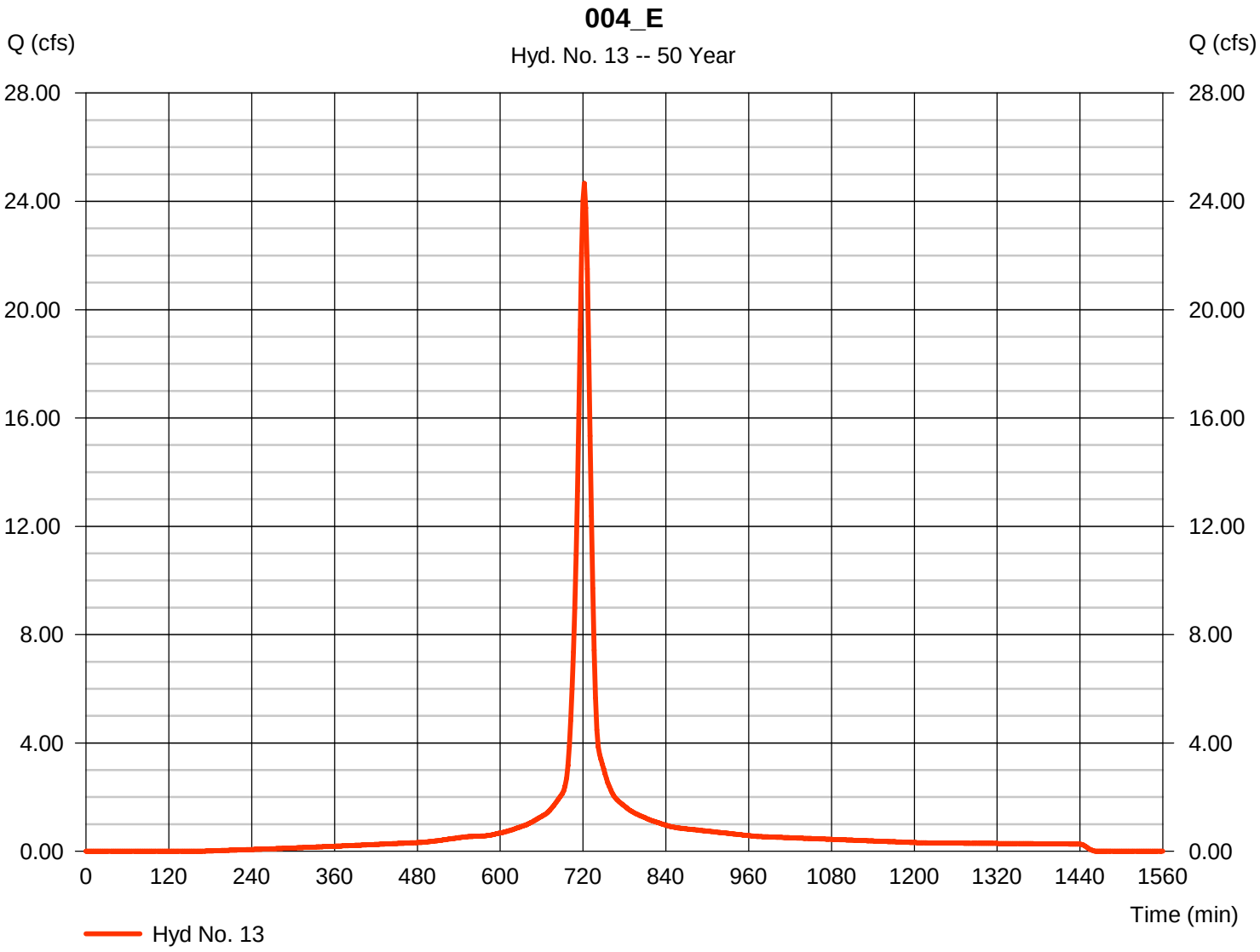
Hydrograph Report

Hyd. No. 13

004_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	24.66 cfs
Storm frequency	=	50 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	73,976 cuft
Drainage area	=	3.230 ac	Curve number	=	90*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	15.10 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.155 x 98) + (0.109 x 71) + (0.970 x 76)] / 3.230



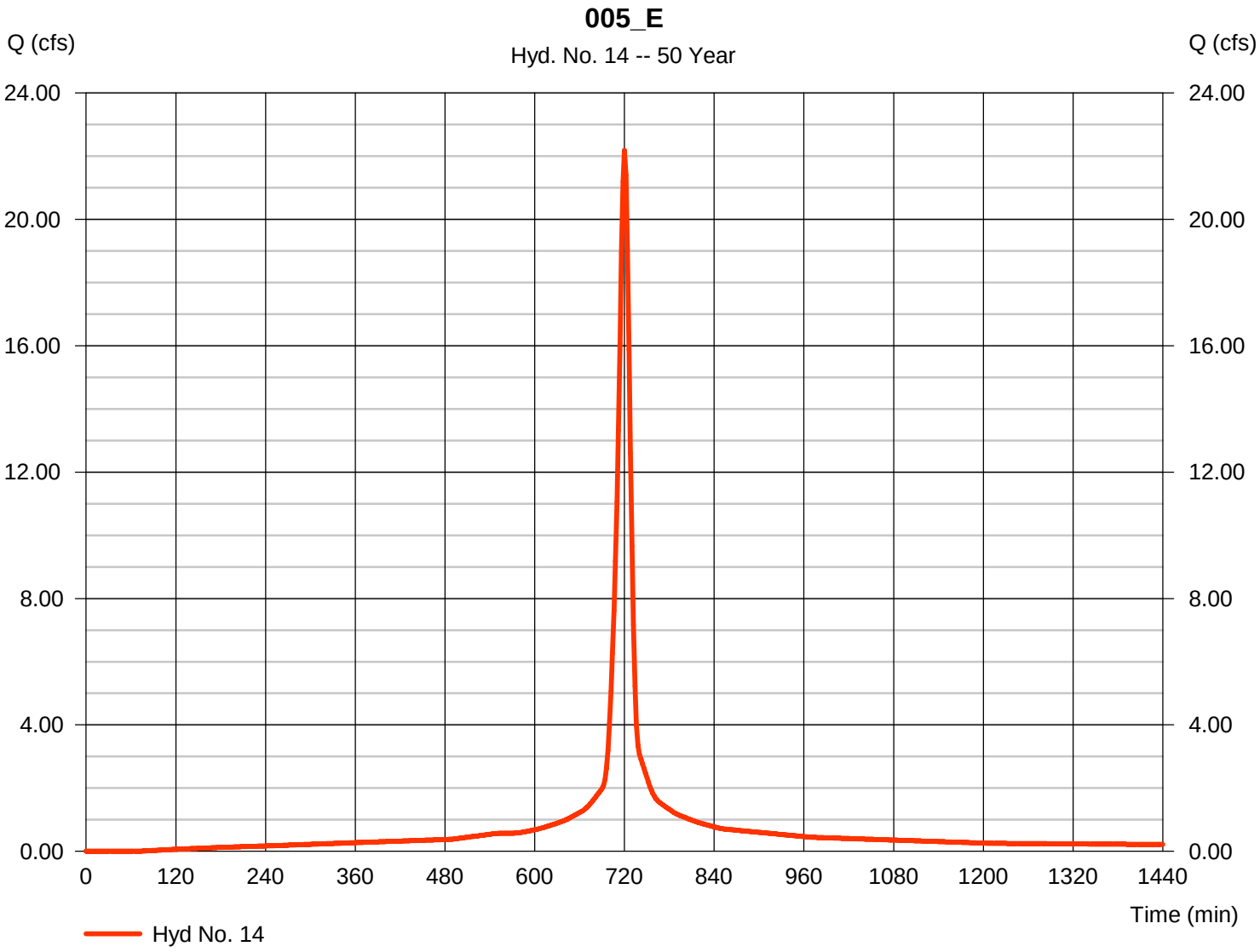
Hydrograph Report

Hyd. No. 14

005_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	22.18 cfs
Storm frequency	=	50 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	65,329 cuft
Drainage area	=	2.430 ac	Curve number	=	96*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	11.00 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.220 x 98) + (0.052 x 71) + (0.081 x 71) + (0.080 x 71)] / 2.430



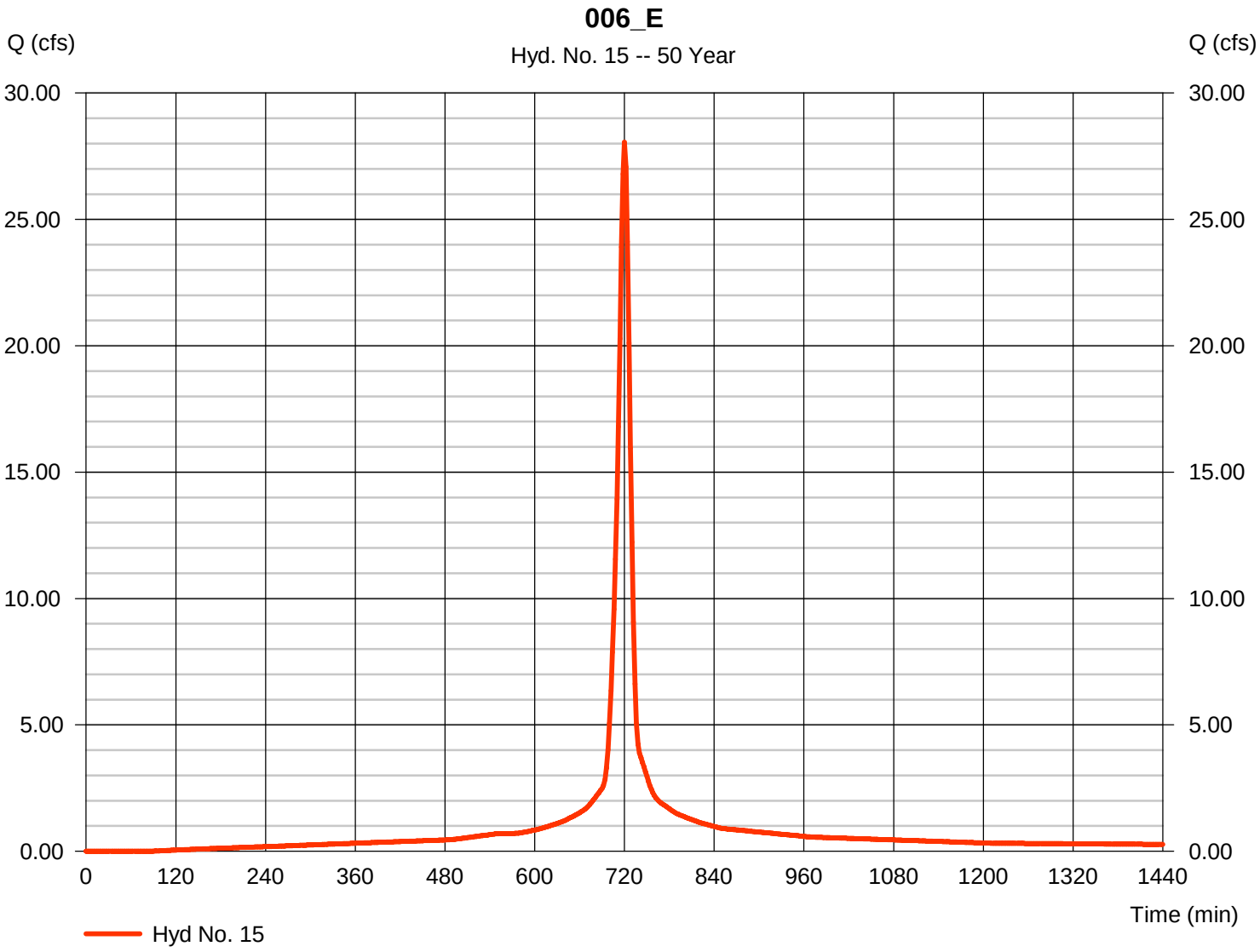
Hydrograph Report

Hyd. No. 15

006_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	28.05 cfs
Storm frequency	=	50 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	81,696 cuft
Drainage area	=	3.090 ac	Curve number	=	95*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	10.20 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.783 x 98) + (0.059 x 71) + (0.144 x 71) + (0.107 x 71)] / 3.090



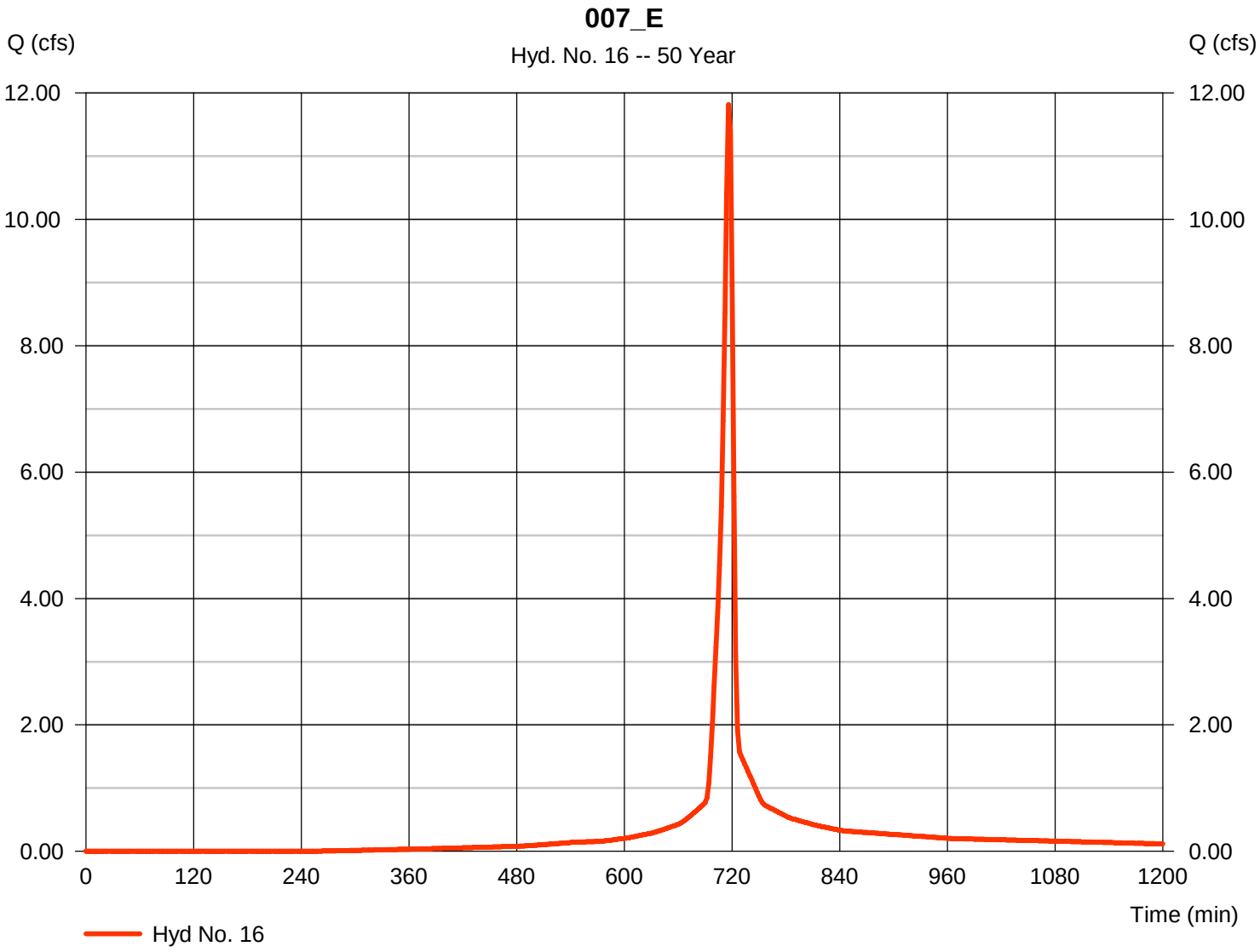
Hydrograph Report

Hyd. No. 16

007_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	11.82 cfs
Storm frequency	=	50 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	25,131 cuft
Drainage area	=	1.280 ac	Curve number	=	84*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	6.40 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.655 x 71) + (0.623 x 98)] / 1.280



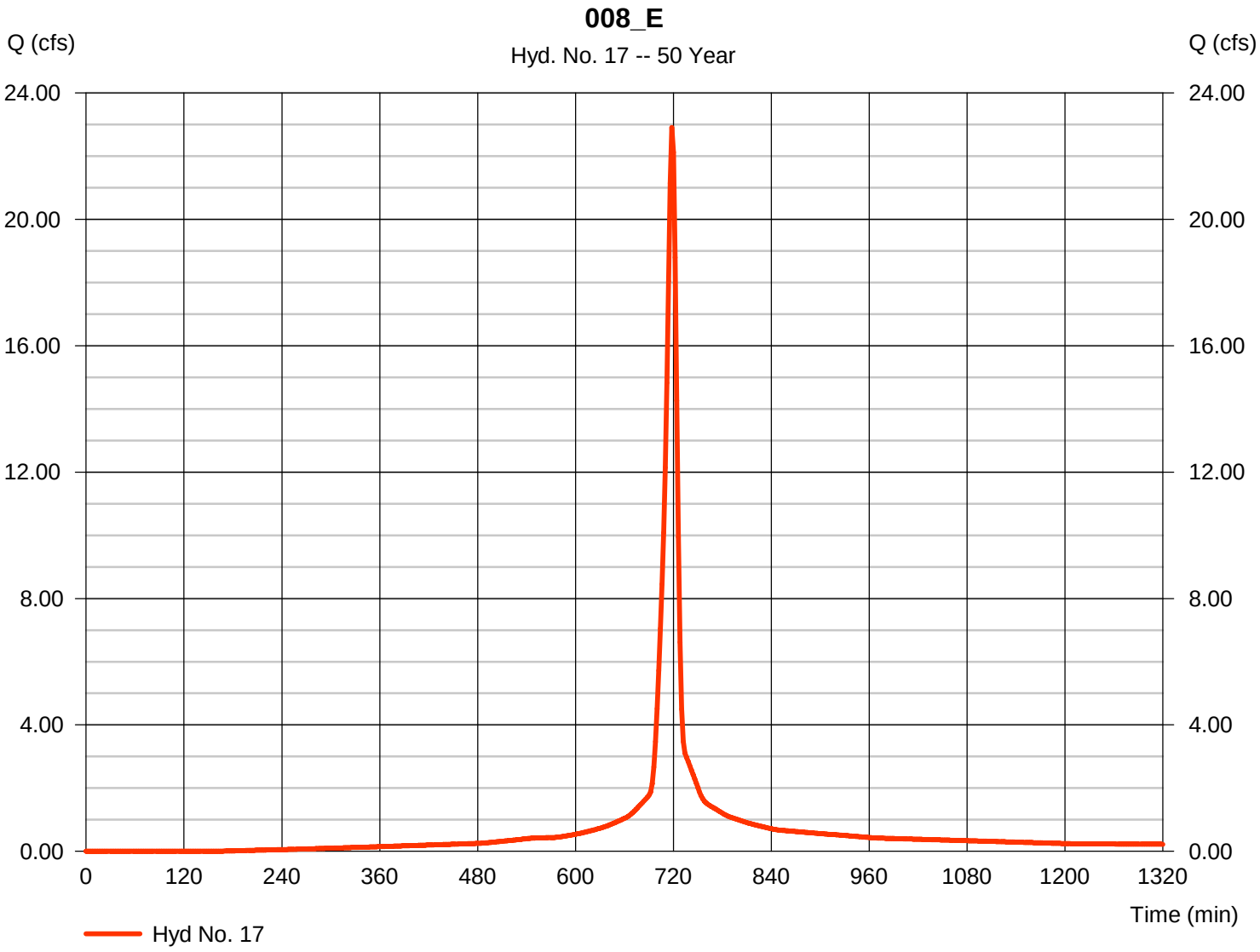
Hydrograph Report

Hyd. No. 17

008_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	22.91 cfs
Storm frequency	=	50 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	56,846 cuft
Drainage area	=	2.420 ac	Curve number	=	90*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	7.90 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.736 x 98) + (0.681 x 71)] / 2.420

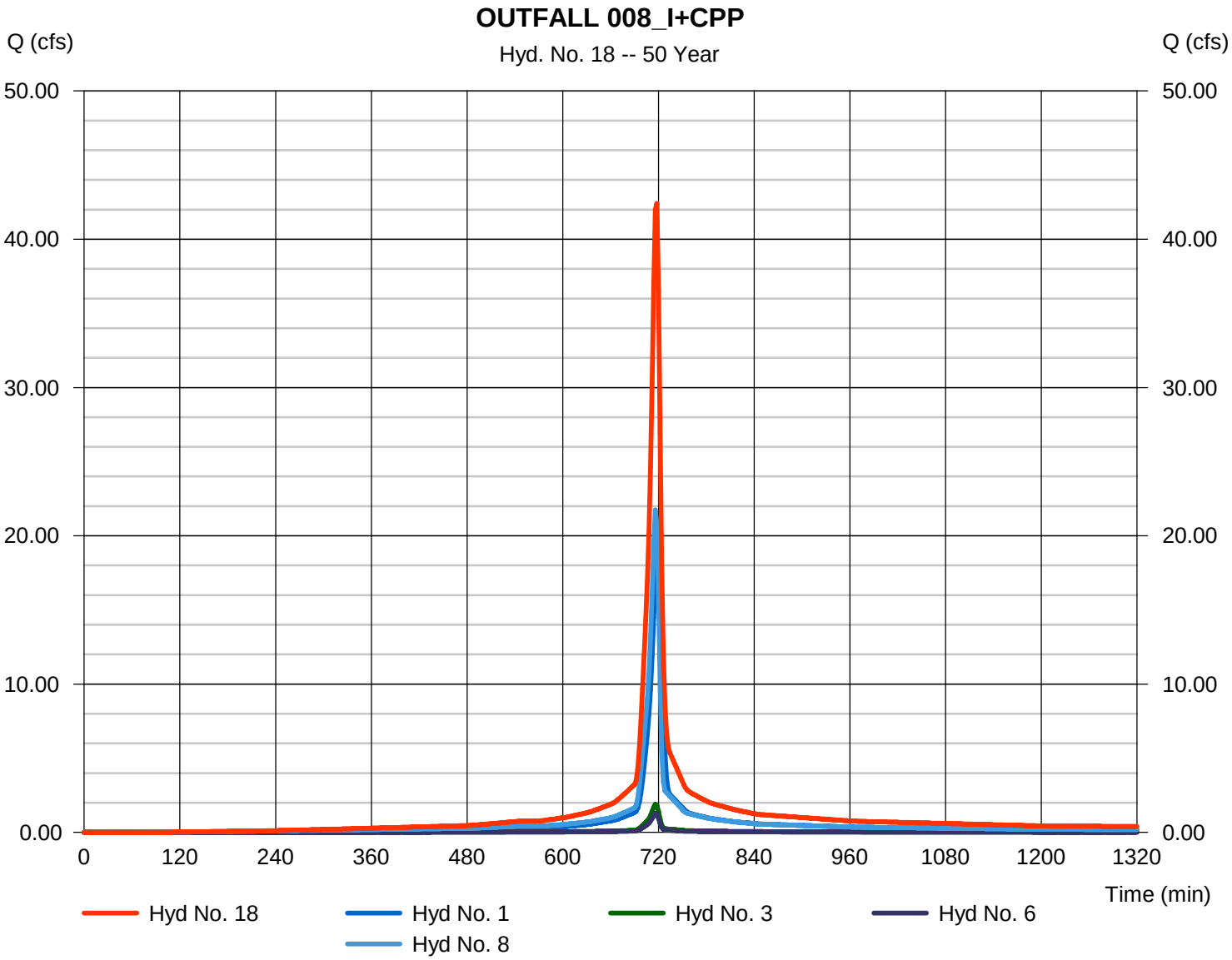


Hydrograph Report

Hyd. No. 18

OUTFALL 008_I+CPP

Hydrograph type	=	Combine	Peak discharge	=	42.41 cfs
Storm frequency	=	50 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	102,125 cuft
Inflow hyds.	=	1, 3, 6, 8	Contrib. drain. area	=	4.493 ac

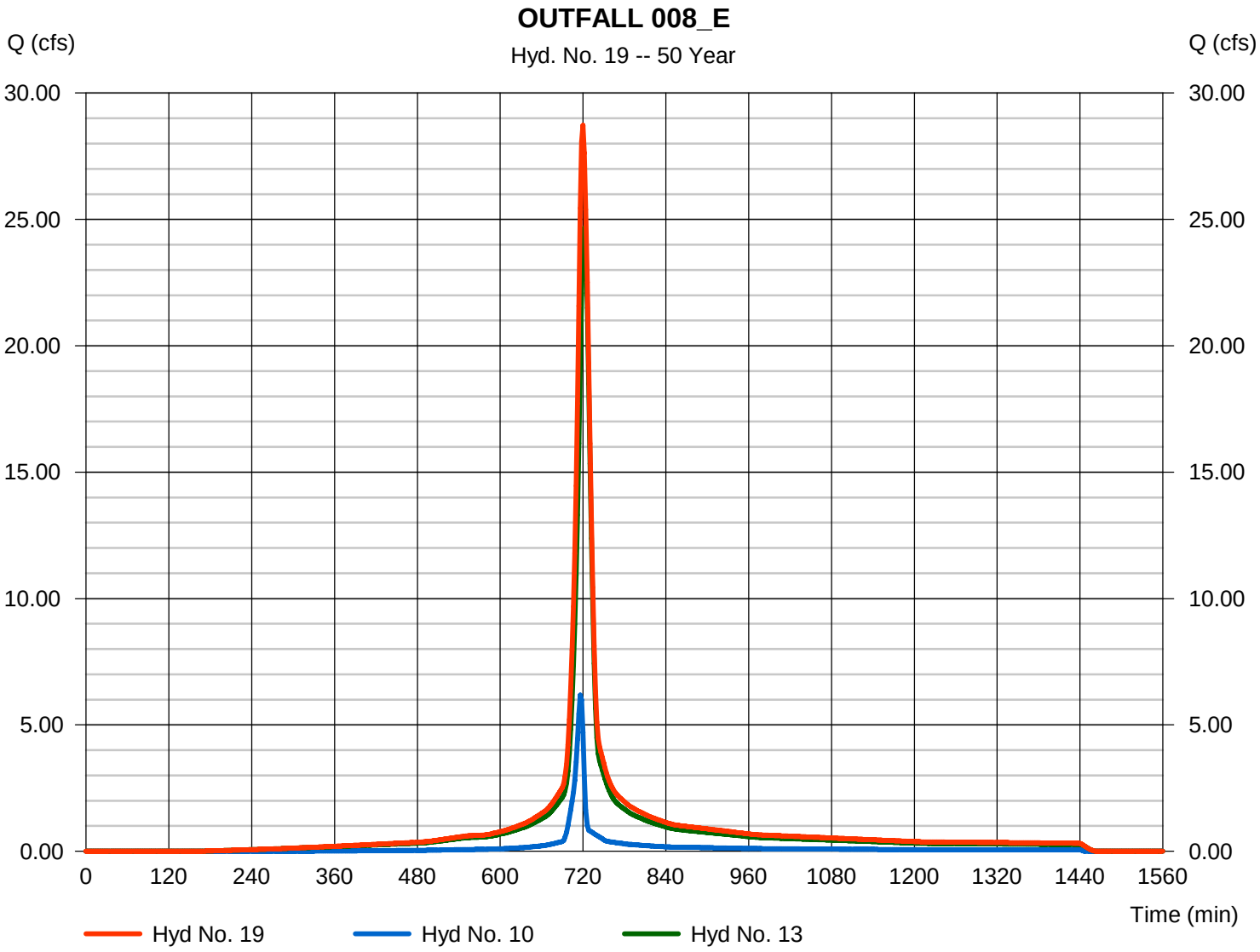


Hydrograph Report

Hyd. No. 19

OUTFALL 008_E

Hydrograph type	= Combine	Peak discharge	= 28.73 cfs
Storm frequency	= 50 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 86,979 cuft
Inflow hyds.	= 10, 13	Contrib. drain. area	= 3.920 ac

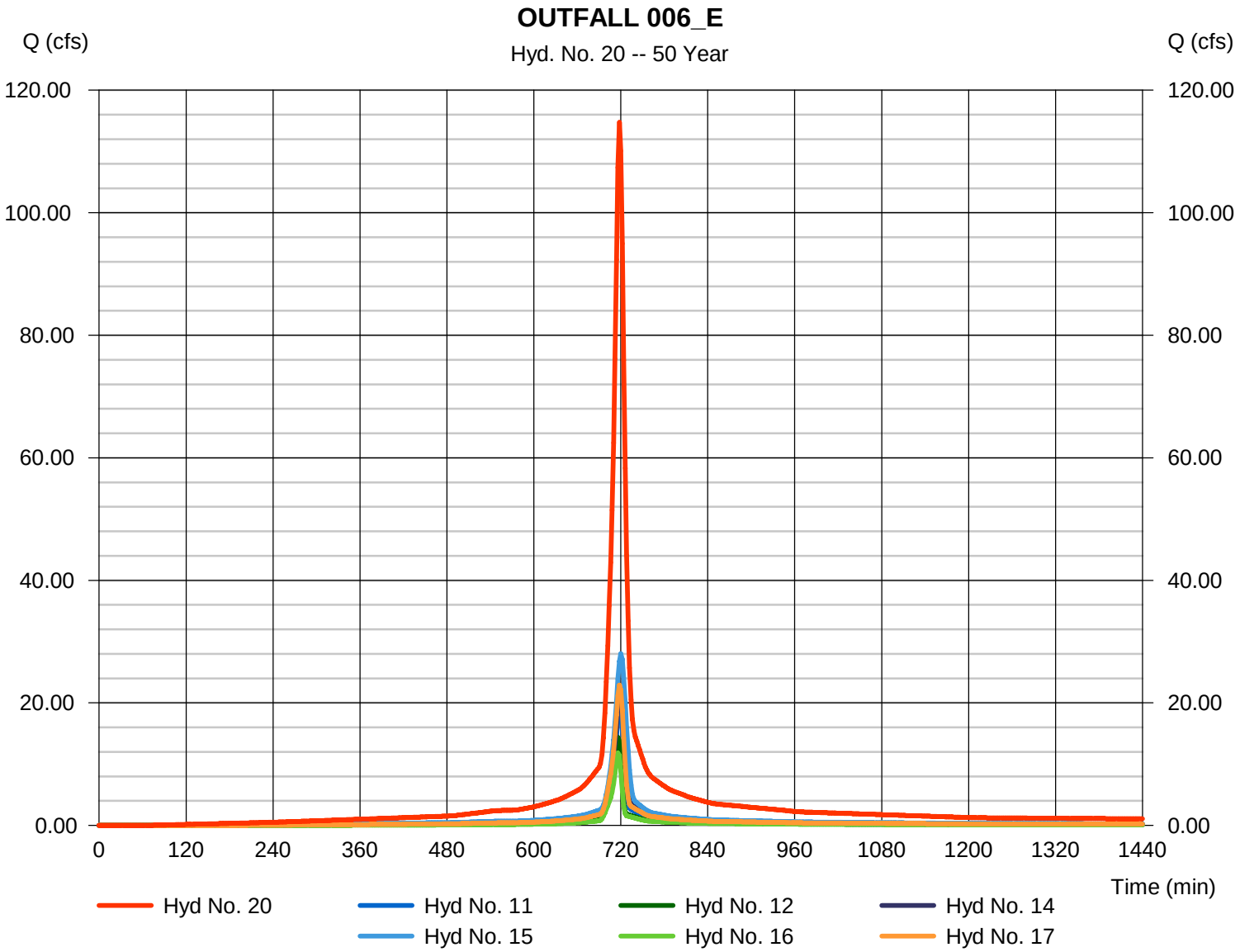


Hydrograph Report

Hyd. No. 20

OUTFALL 006_E

Hydrograph type	=	Combine	Peak discharge	=	114.78 cfs
Storm frequency	=	50 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	308,824 cuft
Inflow hyds.	=	11, 12, 14, 15, 16, 17	Contrib. drain. area	=	12.650 ac

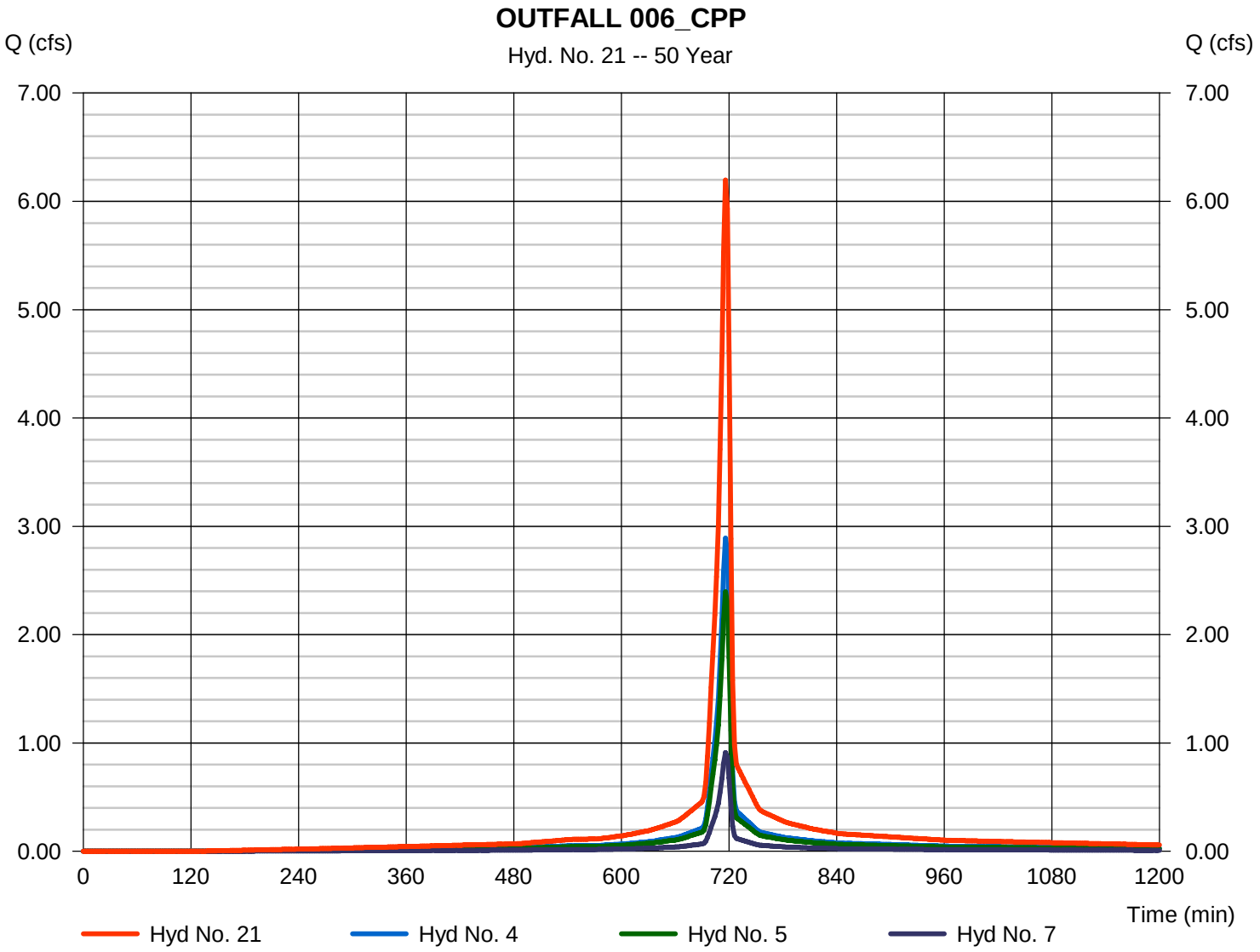


Hydrograph Report

Hyd. No. 21

OUTFALL 006_CPP

Hydrograph type	= Combine	Peak discharge	= 6.197 cfs
Storm frequency	= 50 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 13,992 cuft
Inflow hyds.	= 4, 5, 7	Contrib. drain. area	= 0.613 ac

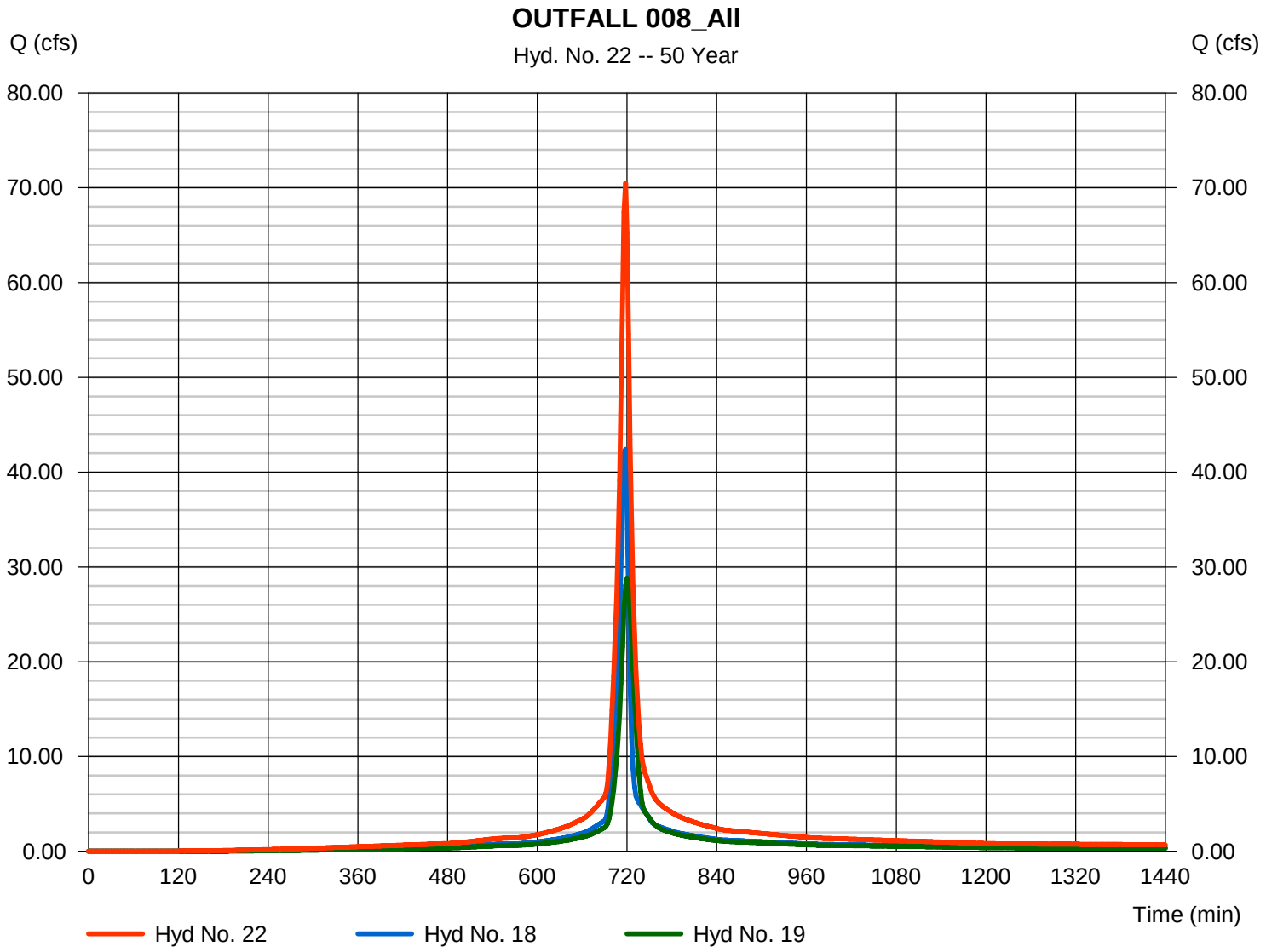


Hydrograph Report

Hyd. No. 22

OUTFALL 008_All

Hydrograph type	= Combine	Peak discharge	= 70.49 cfs
Storm frequency	= 50 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 189,104 cuft
Inflow hyds.	= 18, 19	Contrib. drain. area	= 0.000 ac

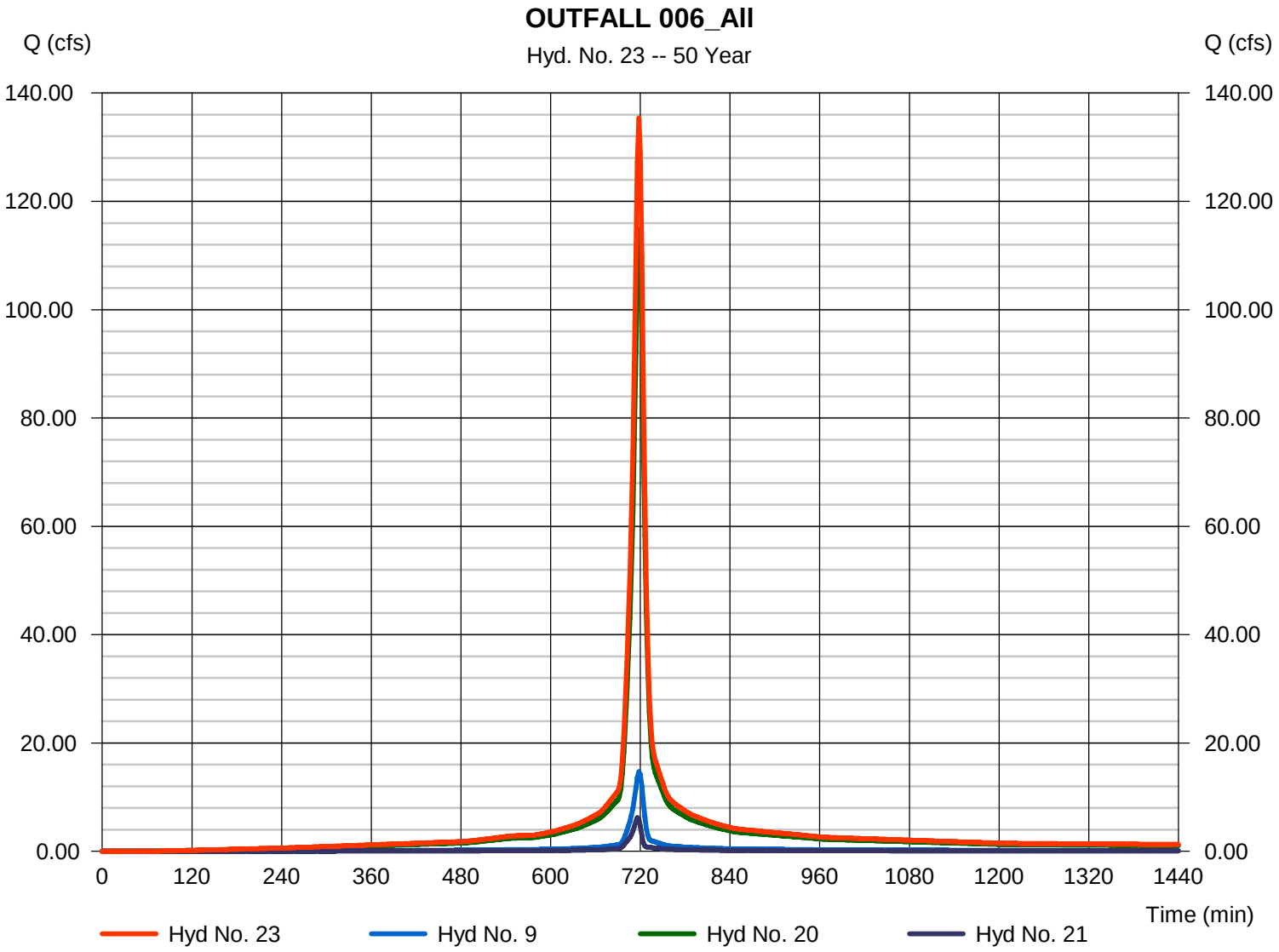


Hydrograph Report

Hyd. No. 23

OUTFALL 006_All

Hydrograph type	=	Combine	Peak discharge	=	135.40 cfs
Storm frequency	=	50 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	360,228 cuft
Inflow hyds.	=	9, 20, 21	Contrib. drain. area	=	1.510 ac



Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	22.31	2	718	54,470	------	------	------	001_I
2	SCS Runoff	3.096	2	716	7,064	------	------	------	004_CPP
3	SCS Runoff	2.235	2	716	5,100	------	------	------	005_CPP
4	SCS Runoff	3.418	2	716	7,801	------	------	------	006_CPP
5	SCS Runoff	2.833	2	716	6,464	------	------	------	007_CPP
6	SCS Runoff	1.506	2	716	3,437	------	------	------	008_CPP
7	SCS Runoff	1.076	2	716	2,455	------	------	------	009_CPP
8	SCS Runoff	25.62	2	716	59,571	------	------	------	002_I
9	SCS Runoff	17.33	2	718	44,595	------	------	------	003_Ti
10	SCS Runoff	7.492	2	716	15,955	------	------	------	001_E
11	SCS Runoff	22.44	2	718	55,114	------	------	------	002_E
12	SCS Runoff	16.87	2	716	40,479	------	------	------	003_E
13	SCS Runoff	29.31	2	722	88,845	------	------	------	004_E
14	SCS Runoff	26.07	2	720	77,308	------	------	------	005_E
15	SCS Runoff	33.02	2	720	96,909	------	------	------	006_E
16	SCS Runoff	14.24	2	716	30,665	------	------	------	007_E
17	SCS Runoff	27.21	2	718	68,272	------	------	------	008_E
18	Combine	50.36	2	718	122,578	1, 3, 6, 8,	------	------	OUTFALL 008_I+CPP
19	Combine	34.25	2	720	104,800	10, 13,	------	------	OUTFALL 008_E
20	Combine	135.92	2	718	368,747	11, 12, 14, 15, 16, 17,	------	------	OUTFALL 006_E
21	Combine	7.327	2	716	16,720	4, 5, 7,	------	------	OUTFALL 006_CPP
22	Combine	83.91	2	718	227,378	18, 19,	------	------	OUTFALL 008_All
23	Combine	160.27	2	718	430,062	9, 20, 21,	------	------	OUTFALL 006_All

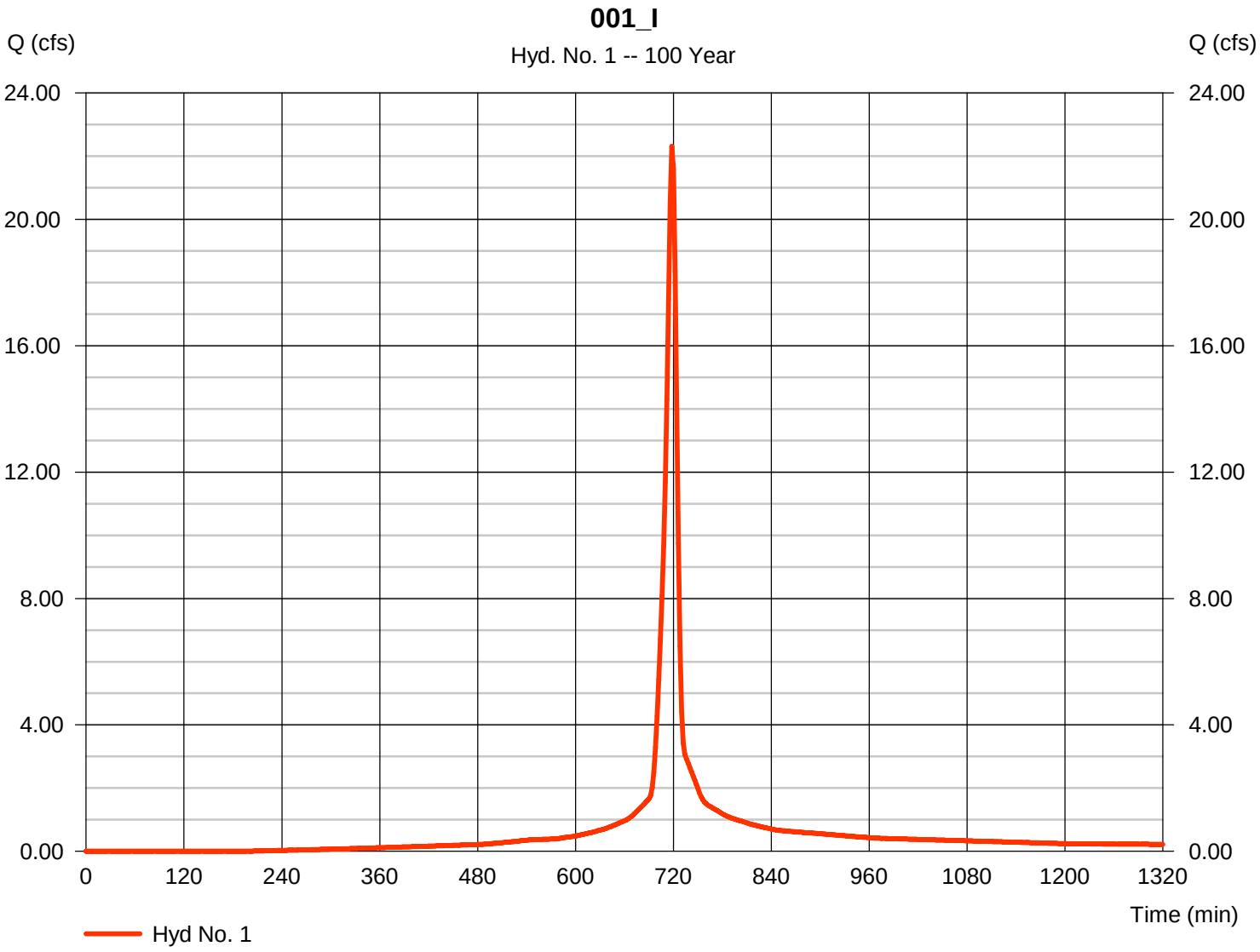
Hydrograph Report

Hyd. No. 1

001_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	22.31 cfs
Storm frequency	=	100 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	54,470 cuft
Drainage area	=	2.060 ac	Curve number	=	86*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	7.20 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.140 x 98) + (0.860 x 71) + (0.060 x 71)] / 2.060

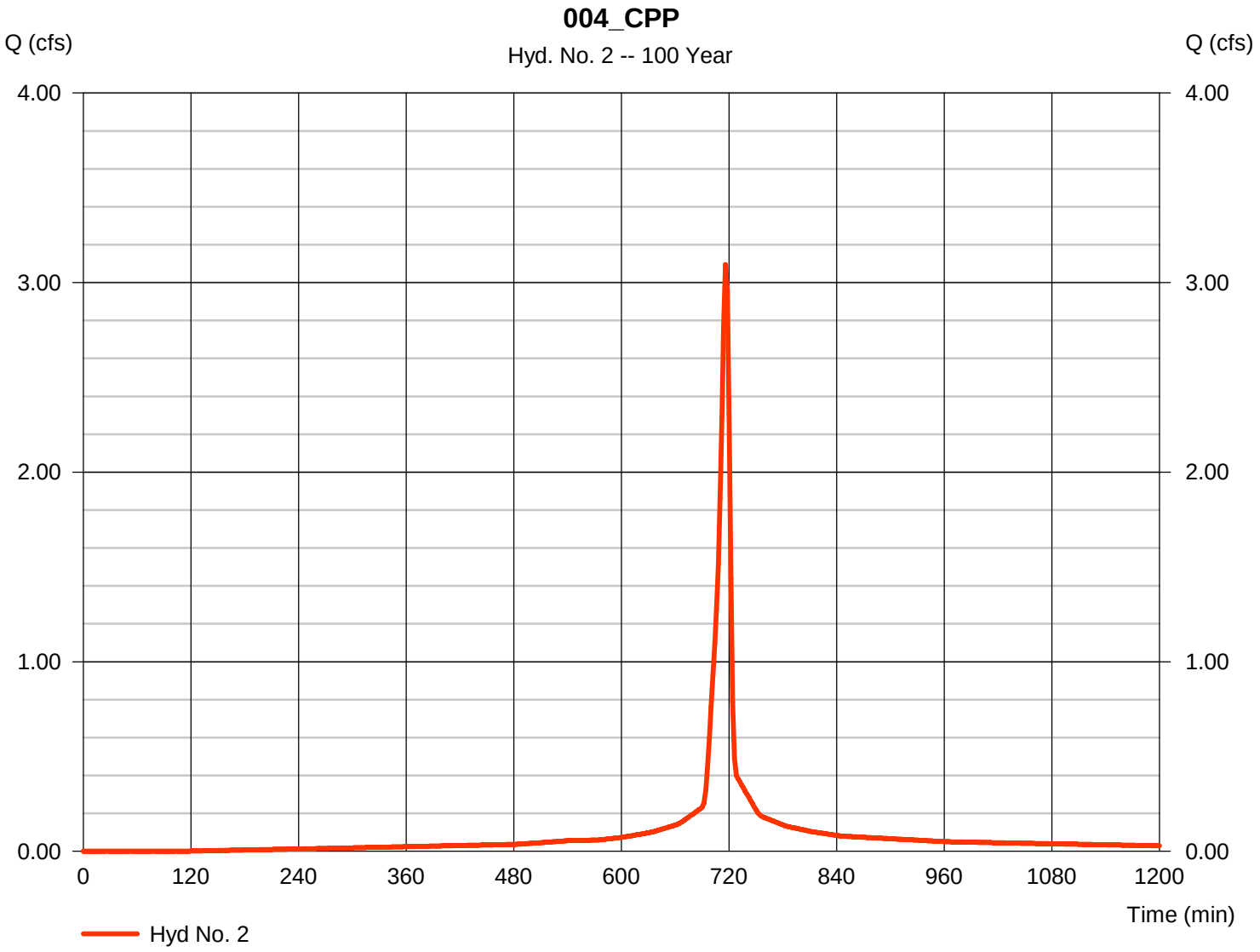


Hydrograph Report

Hyd. No. 2

004_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	3.096 cfs
Storm frequency	=	100 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	7,064 cuft
Drainage area	=	0.259 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

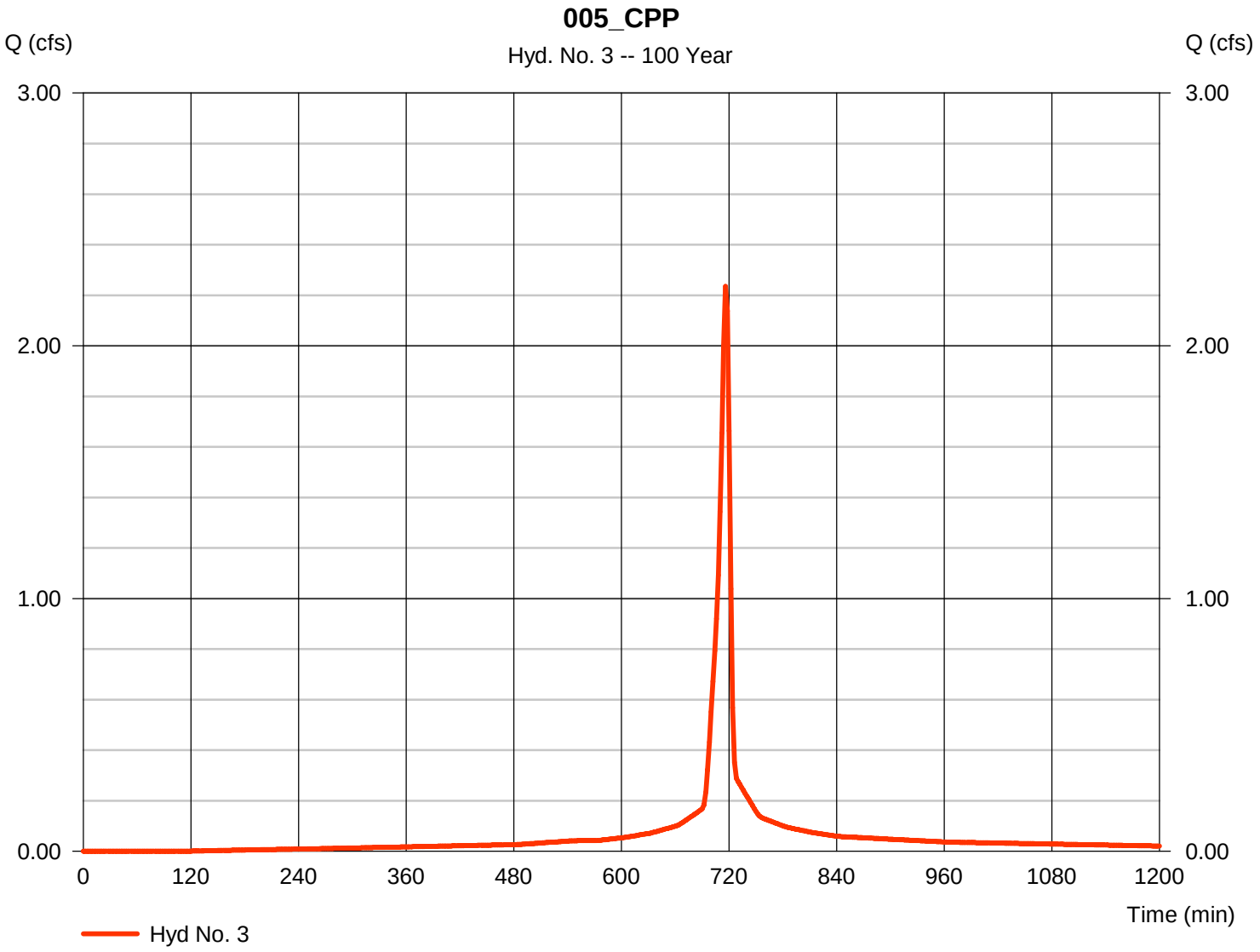


Hydrograph Report

Hyd. No. 3

005_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.235 cfs
Storm frequency	=	100 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	5,100 cuft
Drainage area	=	0.187 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

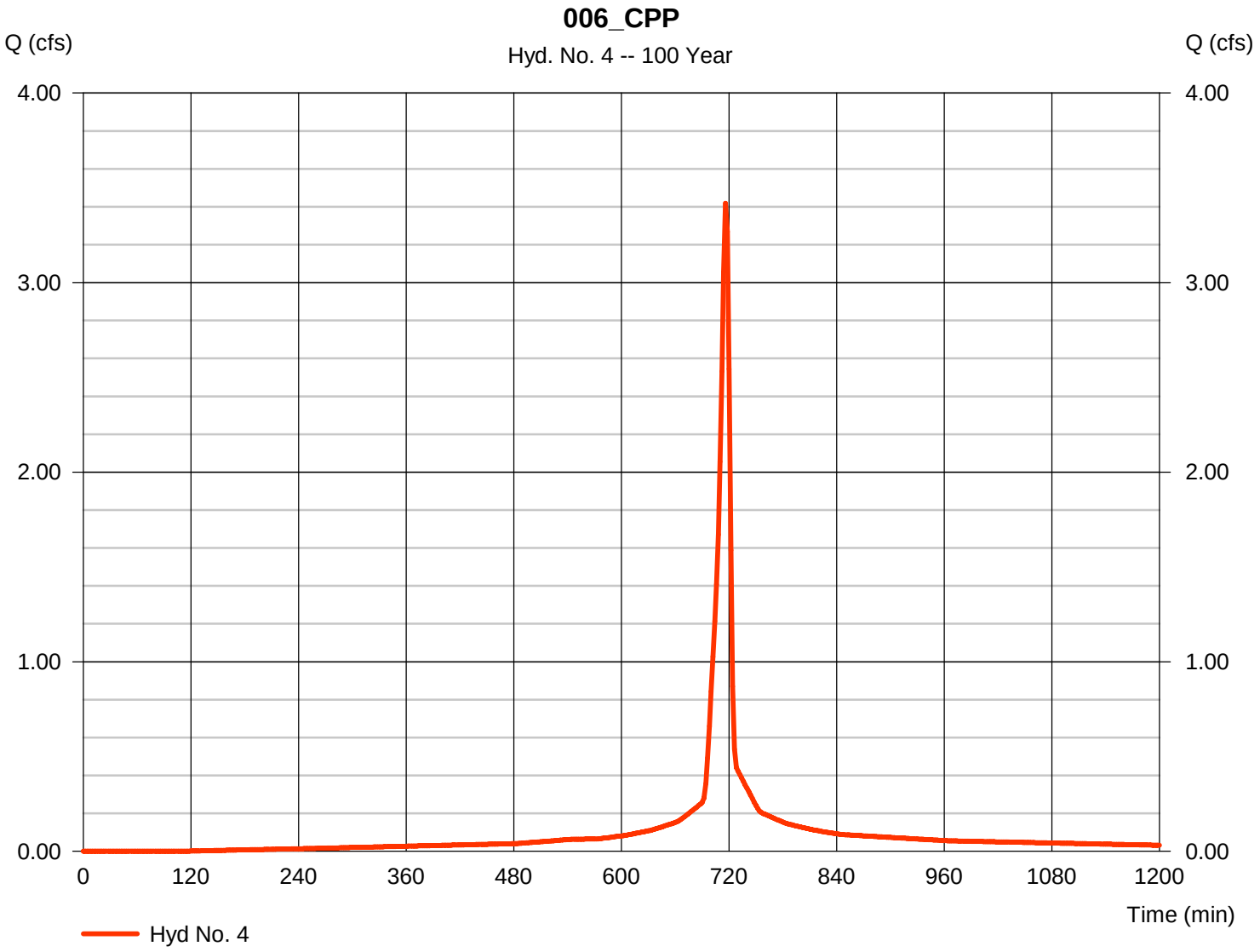


Hydrograph Report

Hyd. No. 4

006_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	3.418 cfs
Storm frequency	=	100 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	7,801 cuft
Drainage area	=	0.286 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

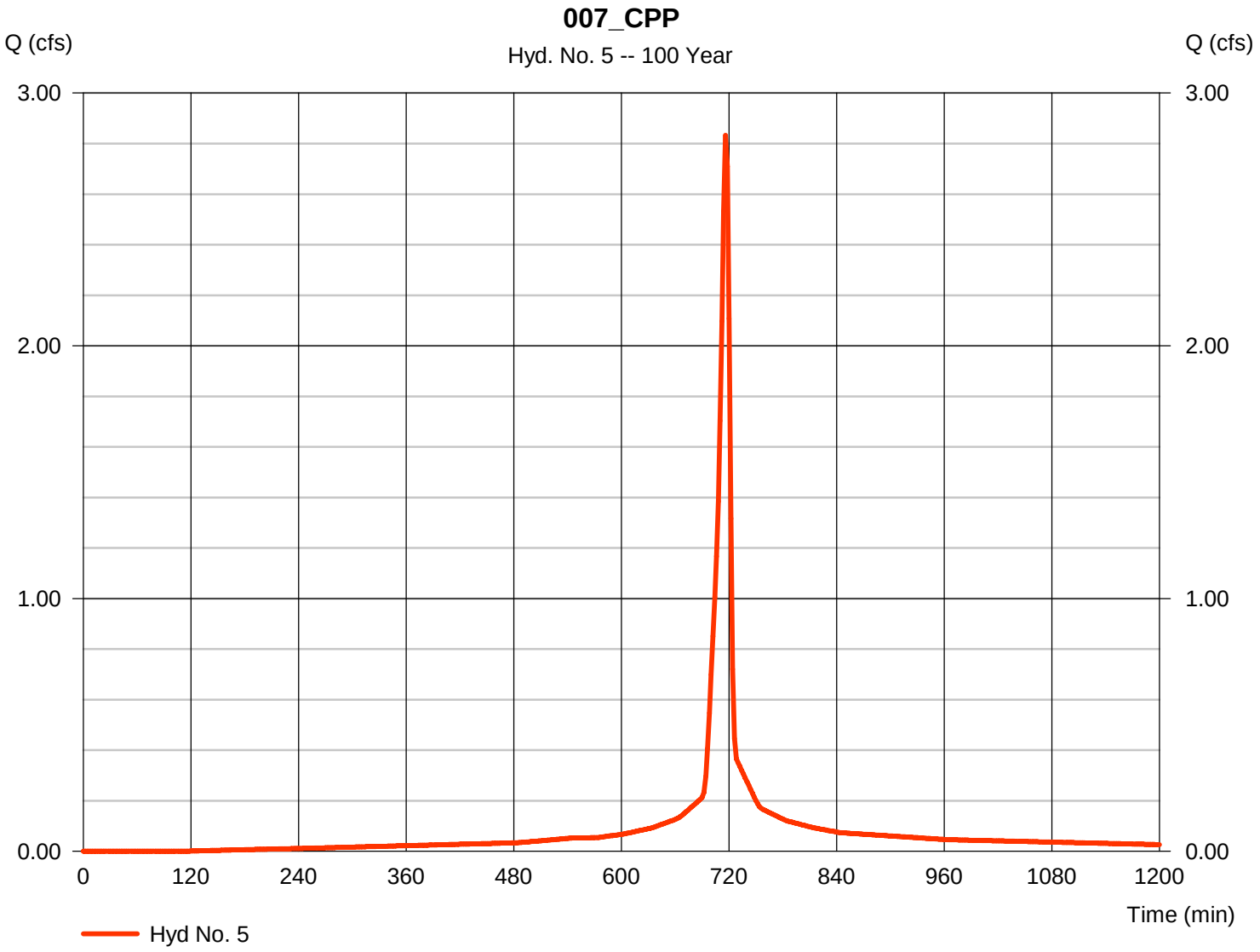


Hydrograph Report

Hyd. No. 5

007_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.833 cfs
Storm frequency	=	100 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	6,464 cuft
Drainage area	=	0.237 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

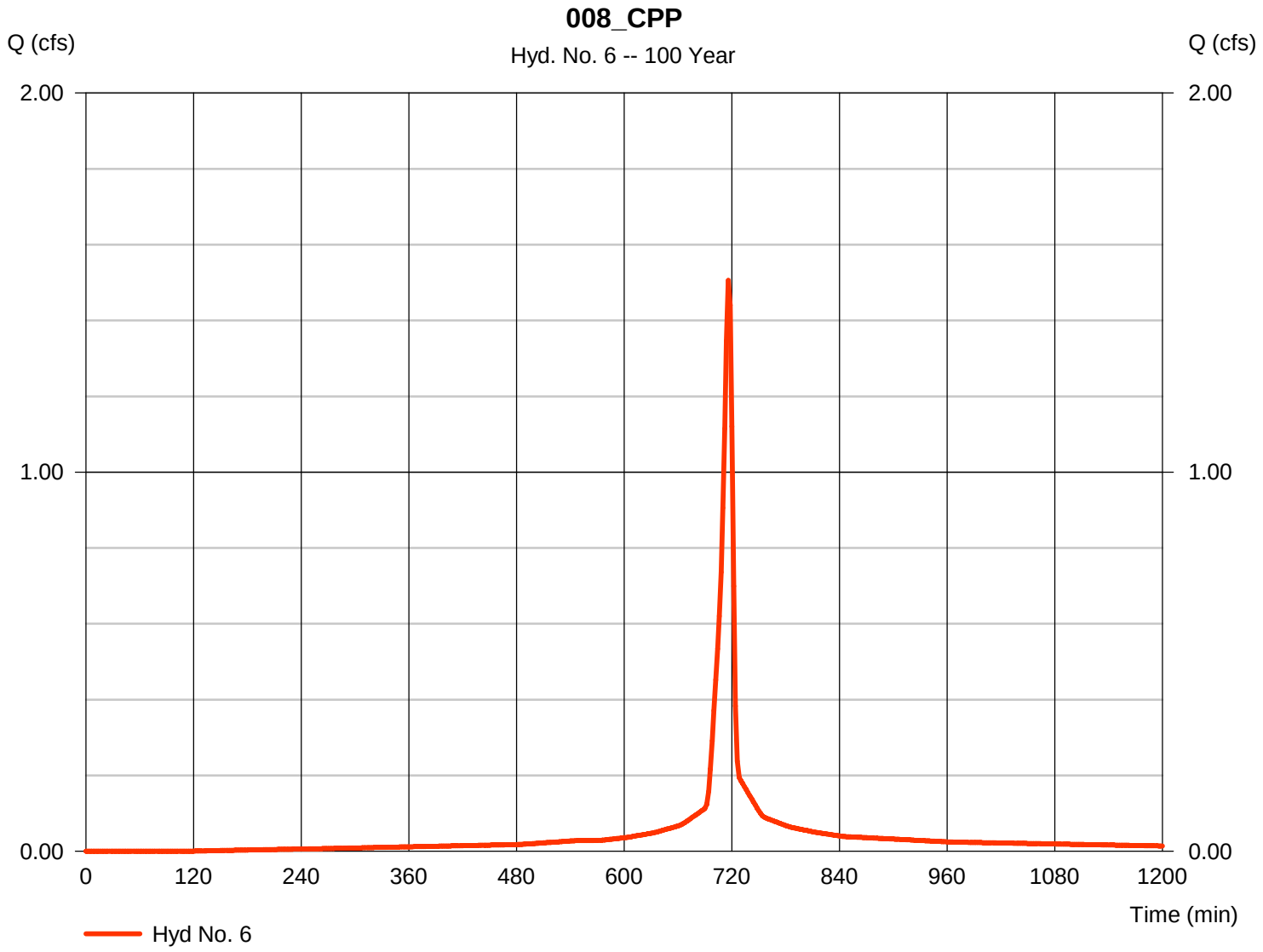


Hydrograph Report

Hyd. No. 6

008_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.506 cfs
Storm frequency	=	100 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	3,437 cuft
Drainage area	=	0.126 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

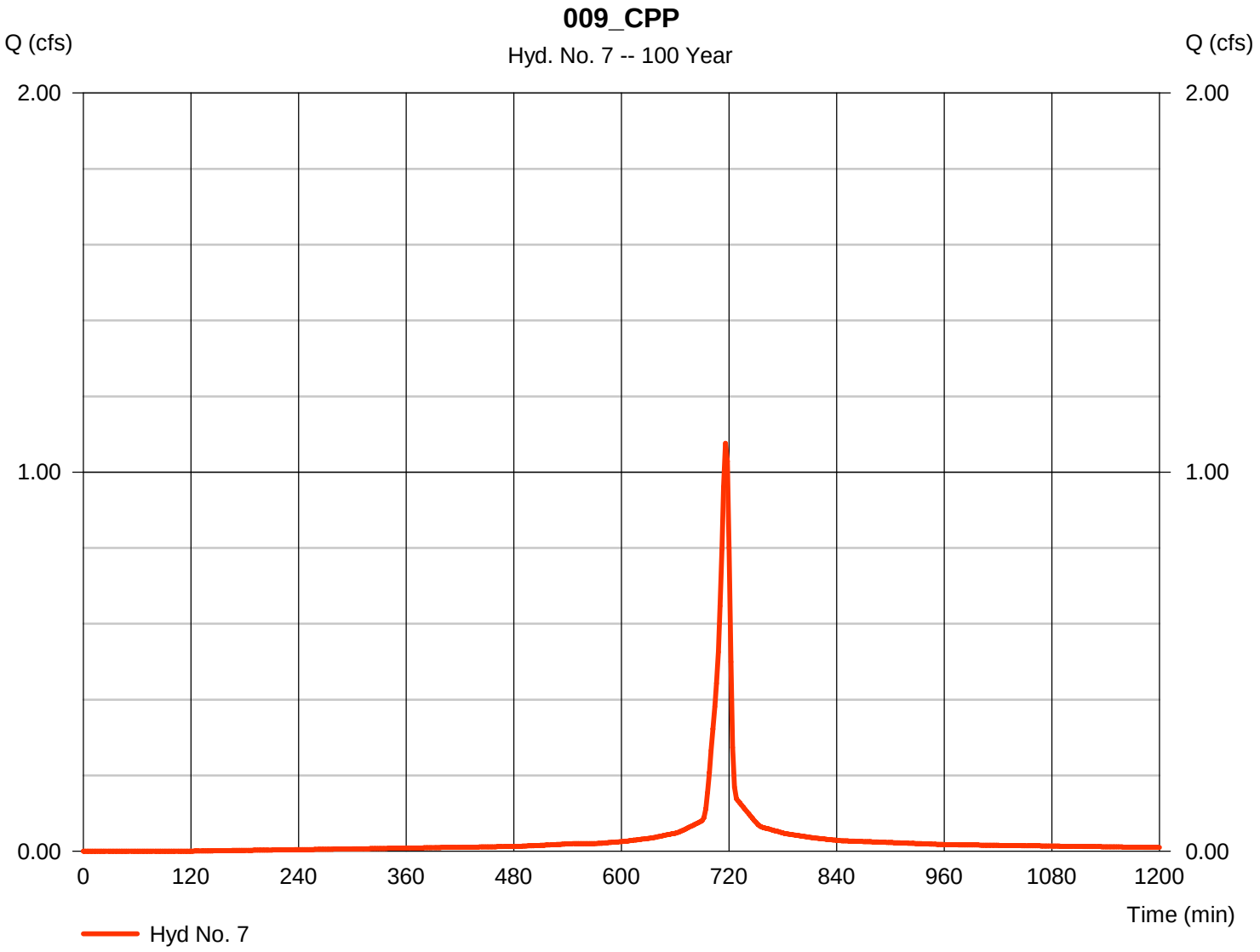


Hydrograph Report

Hyd. No. 7

009_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.076 cfs
Storm frequency	=	100 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	2,455 cuft
Drainage area	=	0.090 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484



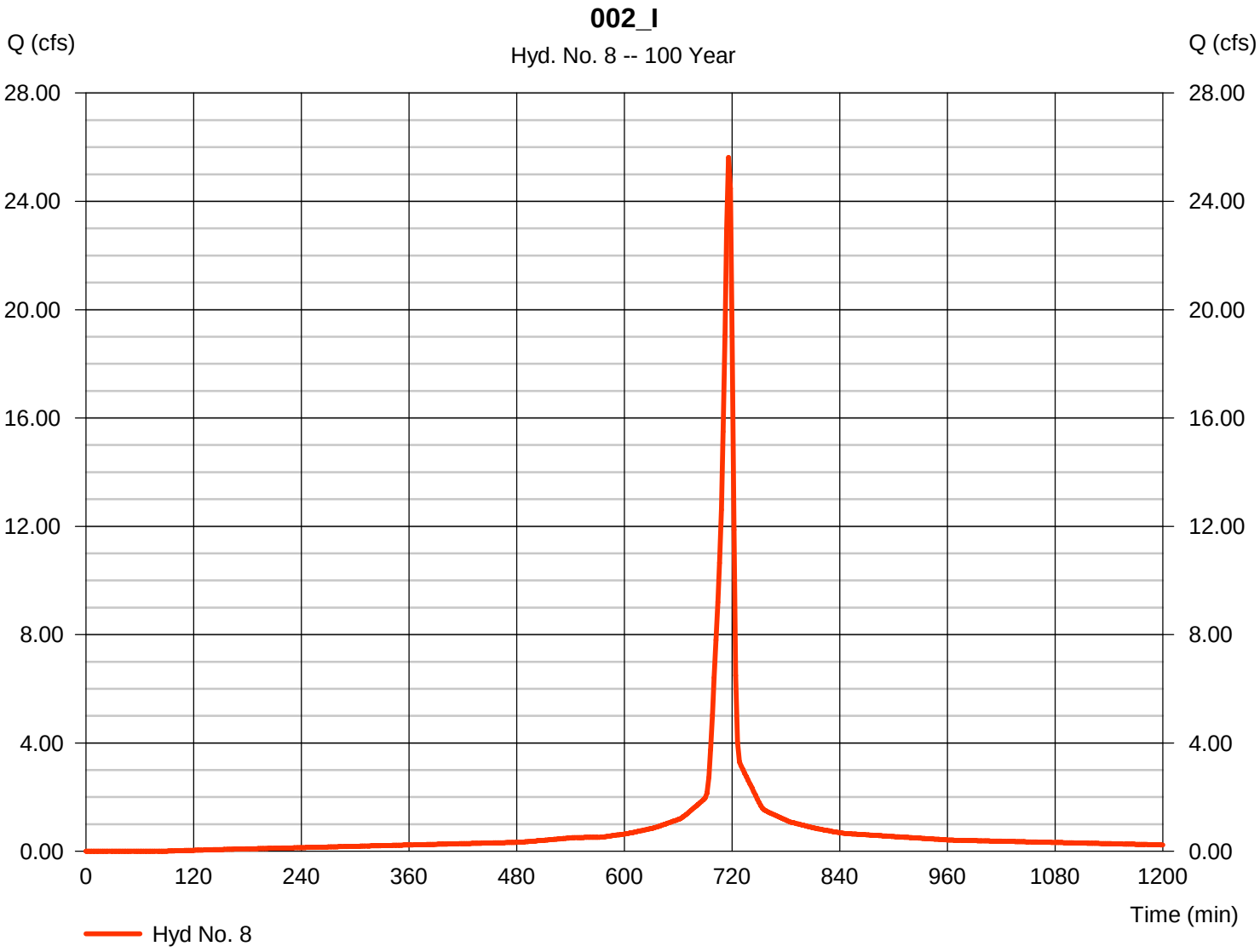
Hydrograph Report

Hyd. No. 8

002_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	25.62 cfs
Storm frequency	=	100 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	59,571 cuft
Drainage area	=	2.120 ac	Curve number	=	94*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.802 x 98) + (0.192 x 71) + (0.125 x 71)] / 2.120



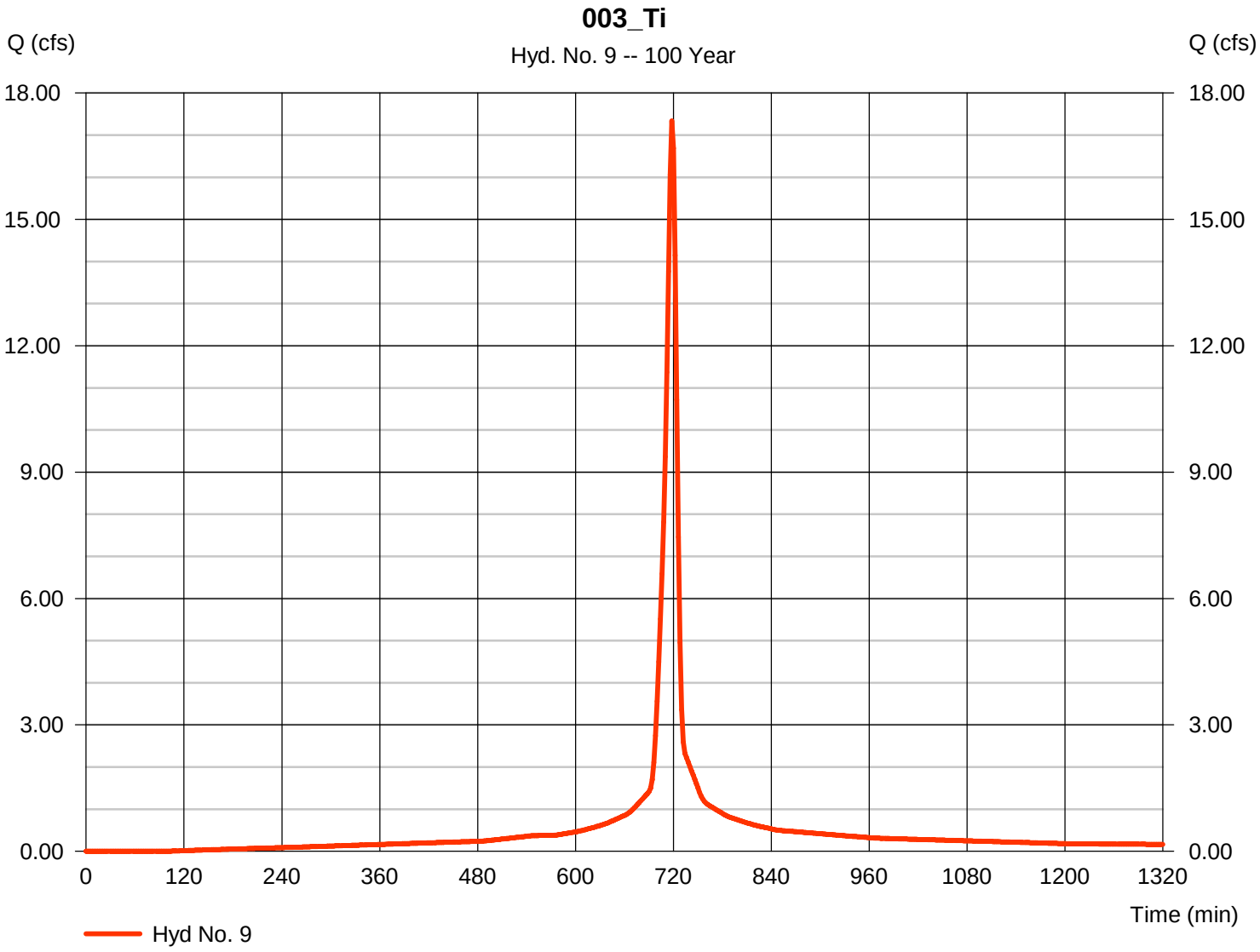
Hydrograph Report

Hyd. No. 9

003_Ti

Hydrograph type	=	SCS Runoff	Peak discharge	=	17.33 cfs
Storm frequency	=	100 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	44,595 cuft
Drainage area	=	1.510 ac	Curve number	=	93*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	9.20 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.228 x 98) + (0.234 x 71) + (0.049 x 71)] / 1.510



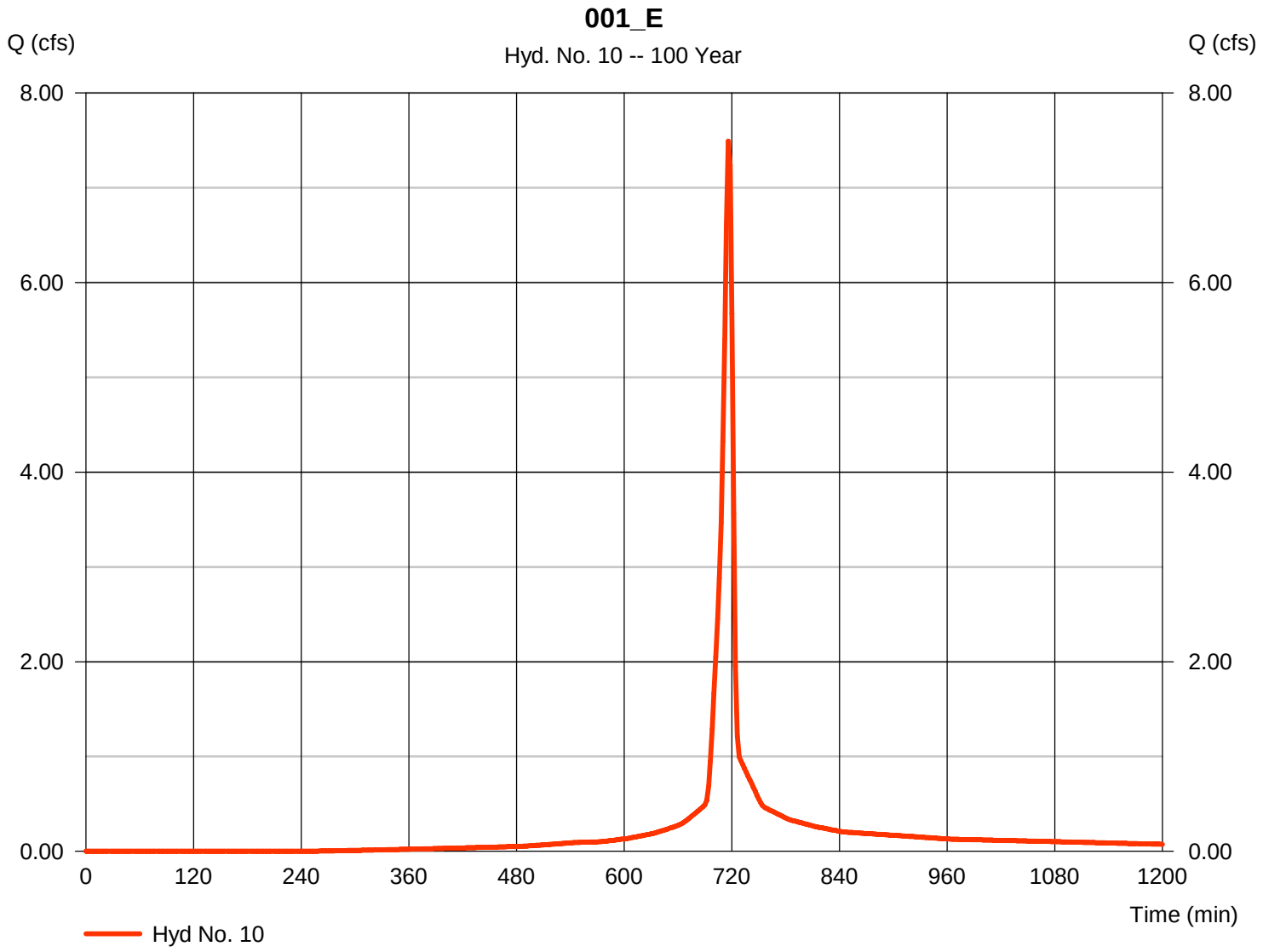
Hydrograph Report

Hyd. No. 10

001_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	7.492 cfs
Storm frequency	=	100 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	15,955 cuft
Drainage area	=	0.690 ac	Curve number	=	82*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.268 x 98) + (0.272 x 71) + (0.053 x 71) + (0.035 x 71) + (0.065 x 76)] / 0.690



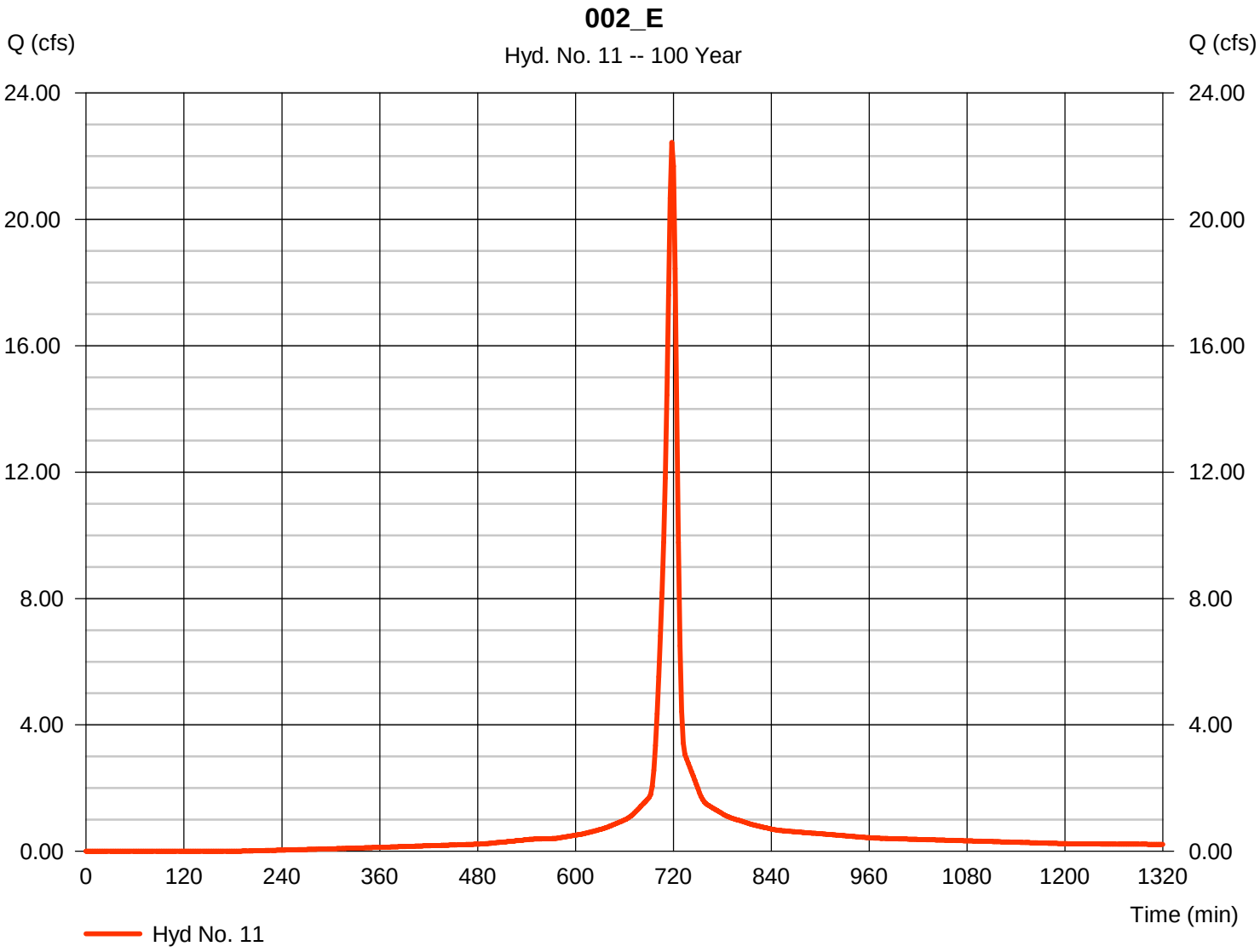
Hydrograph Report

Hyd. No. 11

002_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	22.44 cfs
Storm frequency	=	100 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	55,114 cuft
Drainage area	=	2.050 ac	Curve number	=	87*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	9.70 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.009 x 98) + (1.040 x 76)] / 2.050



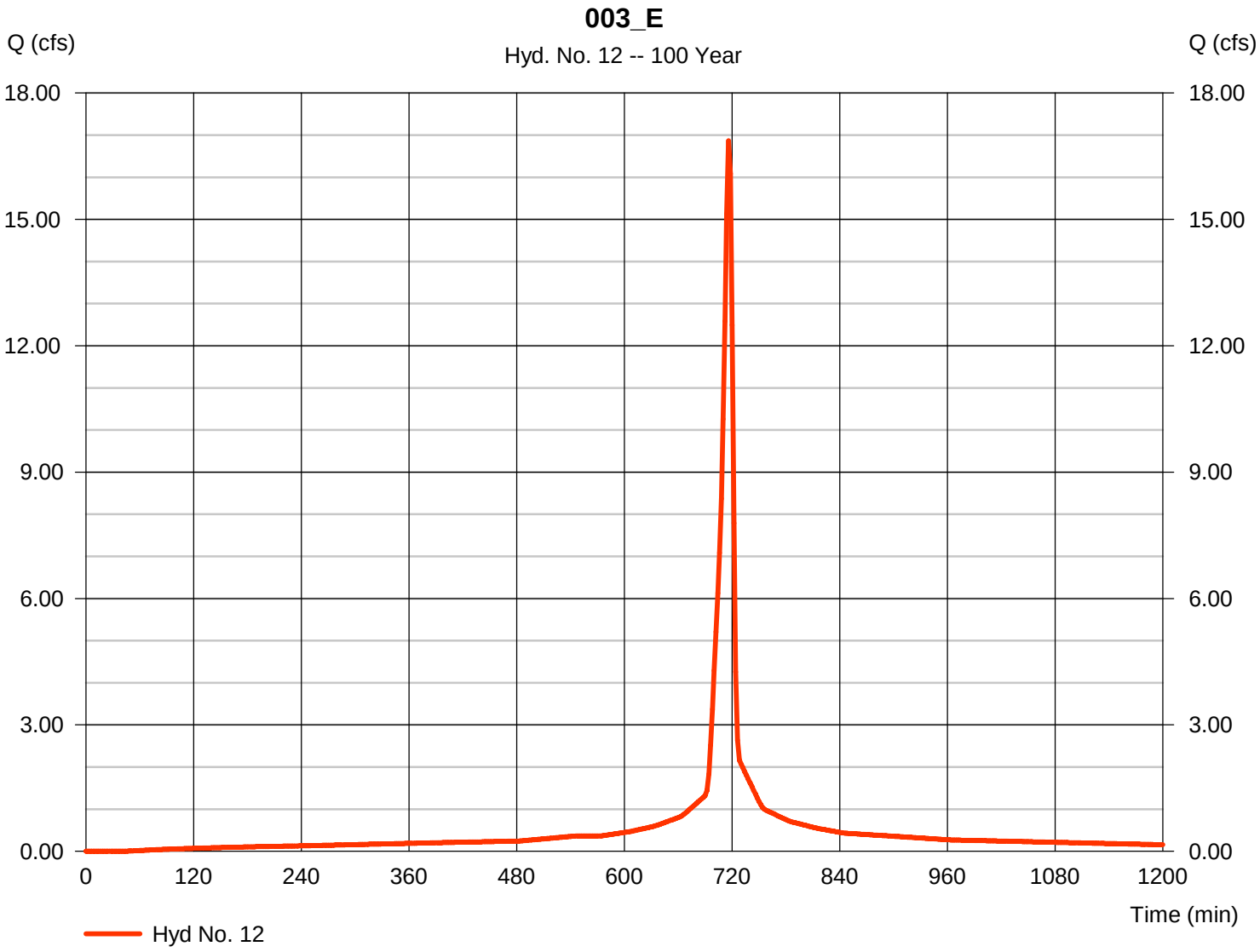
Hydrograph Report

Hyd. No. 12

003_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	16.87 cfs
Storm frequency	=	100 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	40,479 cuft
Drainage area	=	1.380 ac	Curve number	=	97*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.304 x 98) + (0.073 x 71)] / 1.380



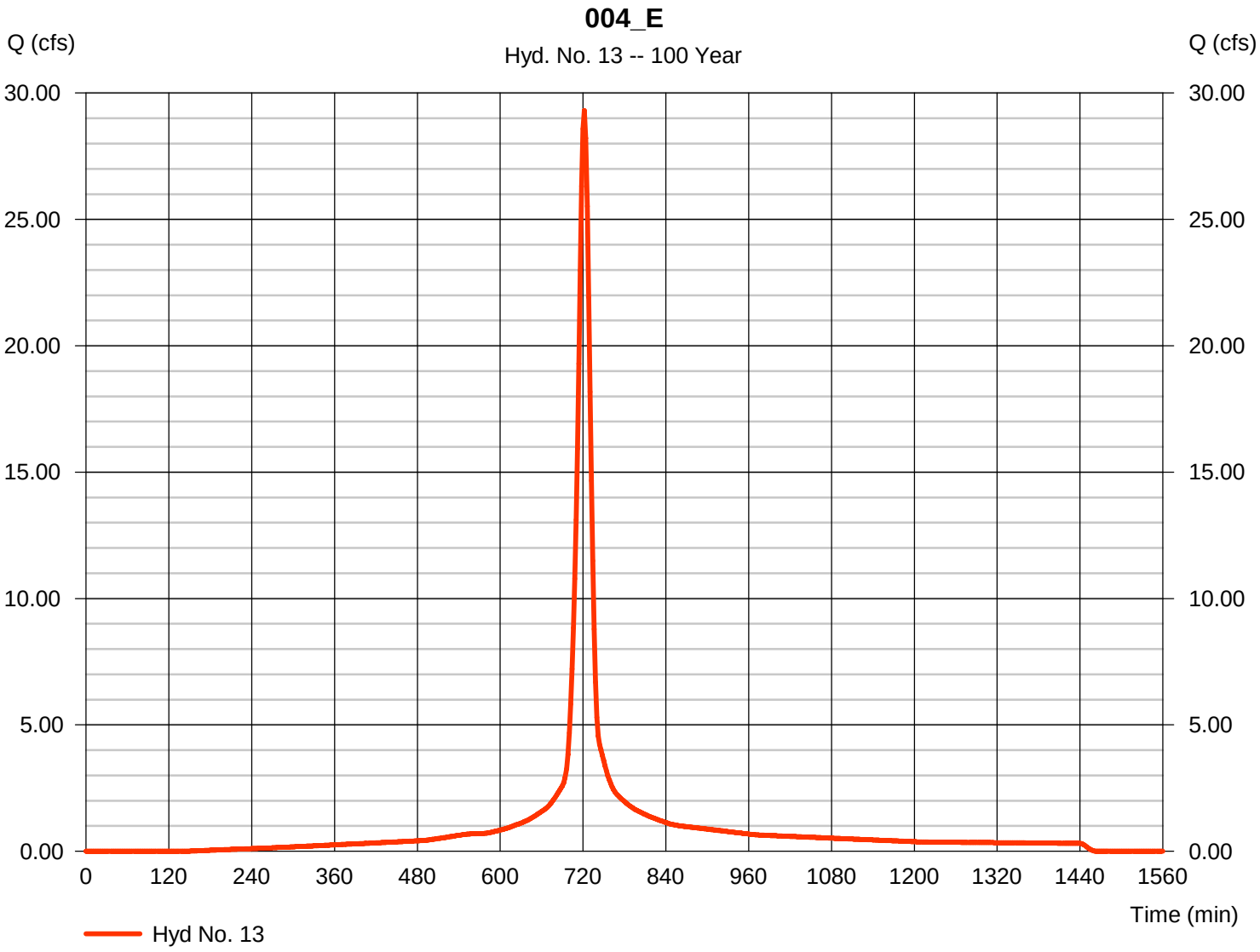
Hydrograph Report

Hyd. No. 13

004_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	29.31 cfs
Storm frequency	=	100 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	88,845 cuft
Drainage area	=	3.230 ac	Curve number	=	90*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	15.10 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.155 x 98) + (0.109 x 71) + (0.970 x 76)] / 3.230



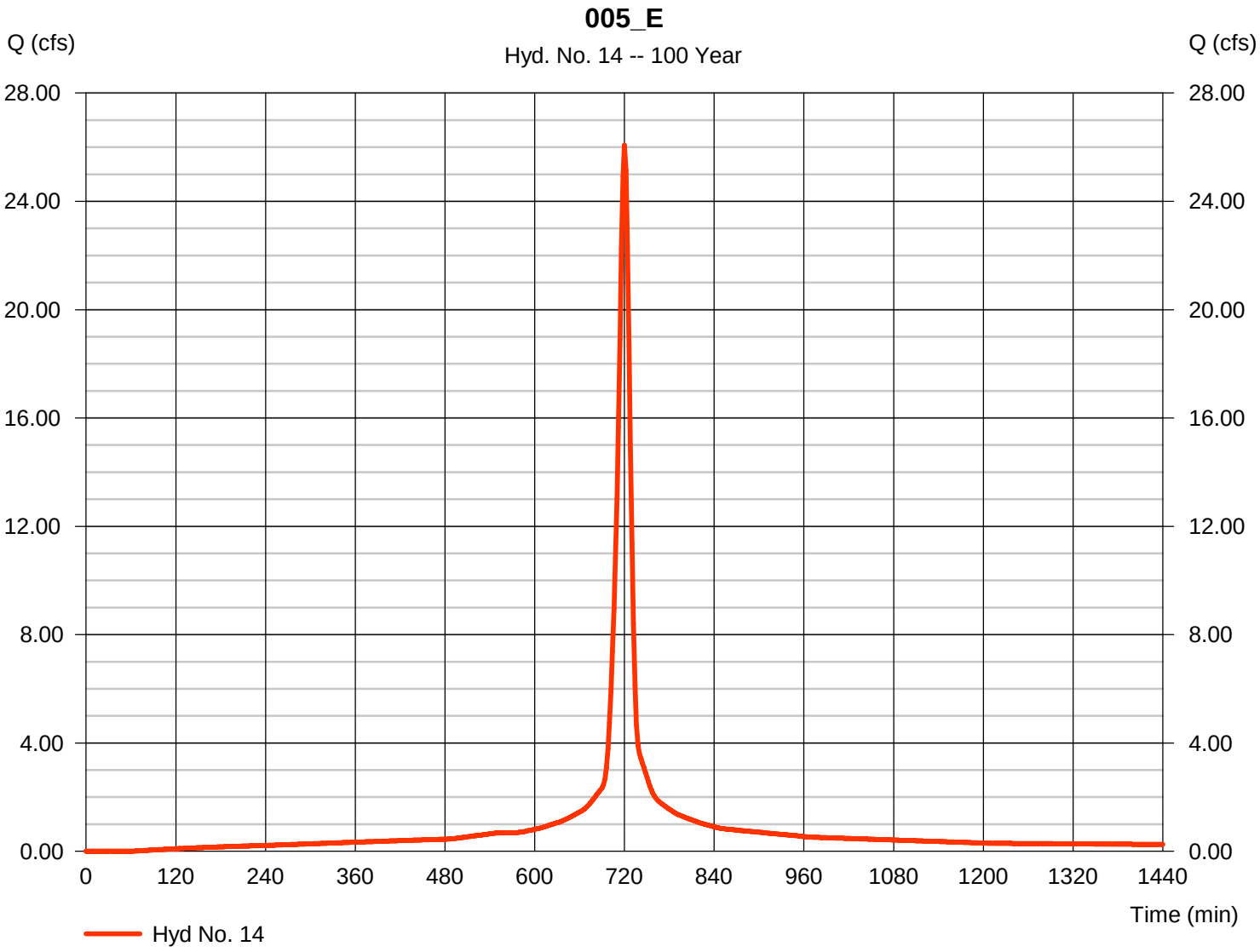
Hydrograph Report

Hyd. No. 14

005_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	26.07 cfs
Storm frequency	=	100 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	77,308 cuft
Drainage area	=	2.430 ac	Curve number	=	96*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	11.00 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.220 x 98) + (0.052 x 71) + (0.081 x 71) + (0.080 x 71)] / 2.430



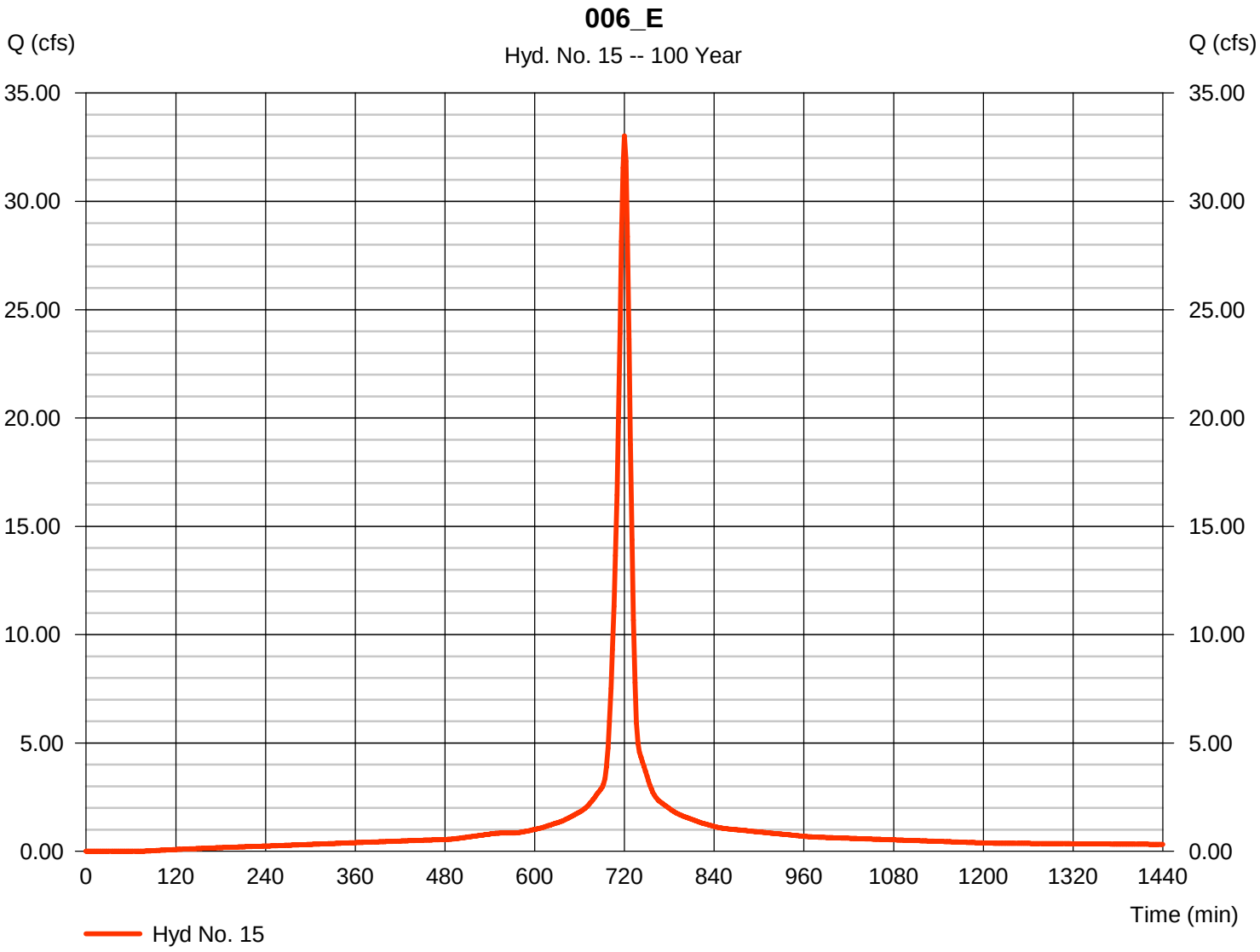
Hydrograph Report

Hyd. No. 15

006_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	33.02 cfs
Storm frequency	=	100 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	96,909 cuft
Drainage area	=	3.090 ac	Curve number	=	95*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	10.20 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.783 x 98) + (0.059 x 71) + (0.144 x 71) + (0.107 x 71)] / 3.090



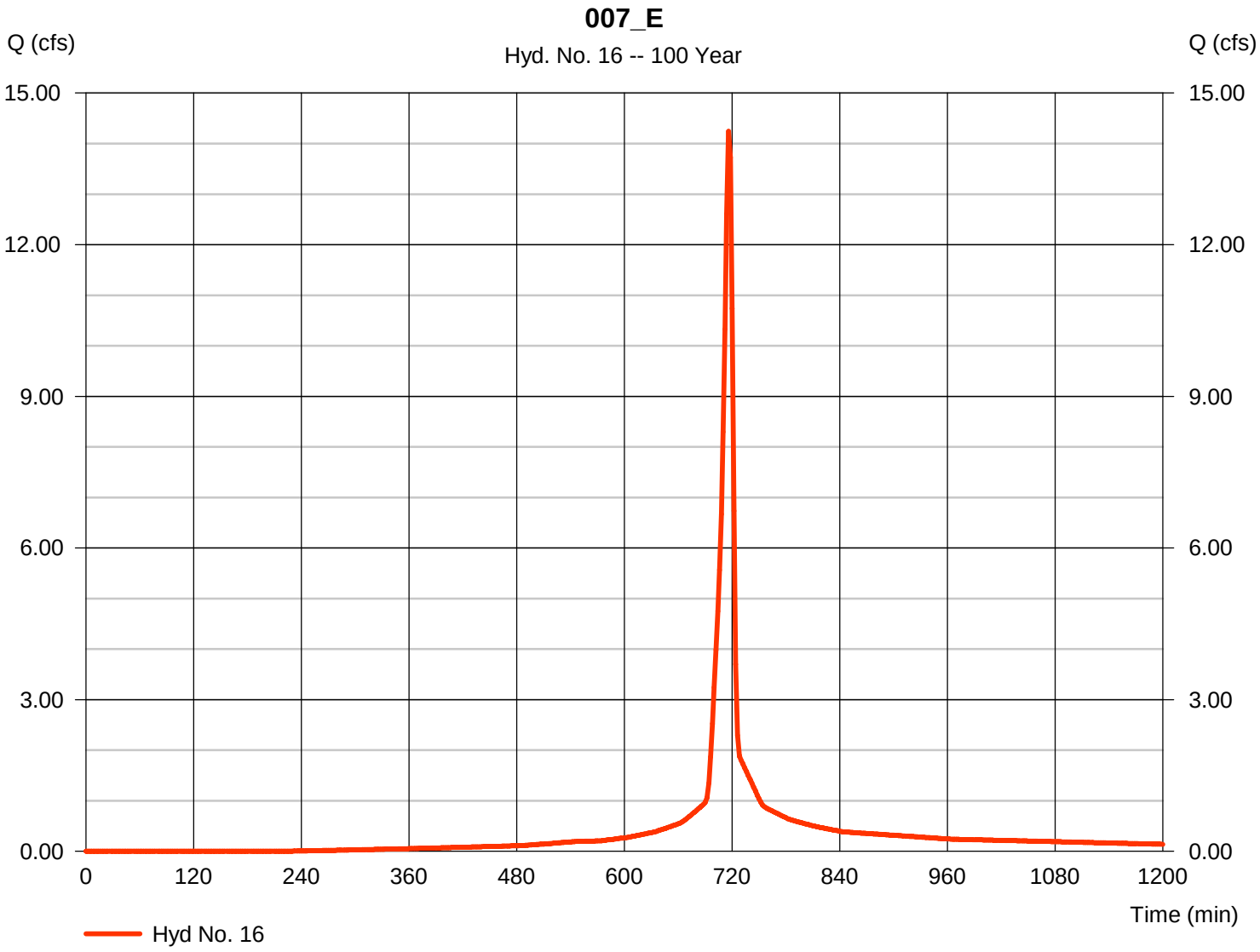
Hydrograph Report

Hyd. No. 16

007_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	14.24 cfs
Storm frequency	=	100 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	30,665 cuft
Drainage area	=	1.280 ac	Curve number	=	84*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	6.40 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.655 x 71) + (0.623 x 98)] / 1.280



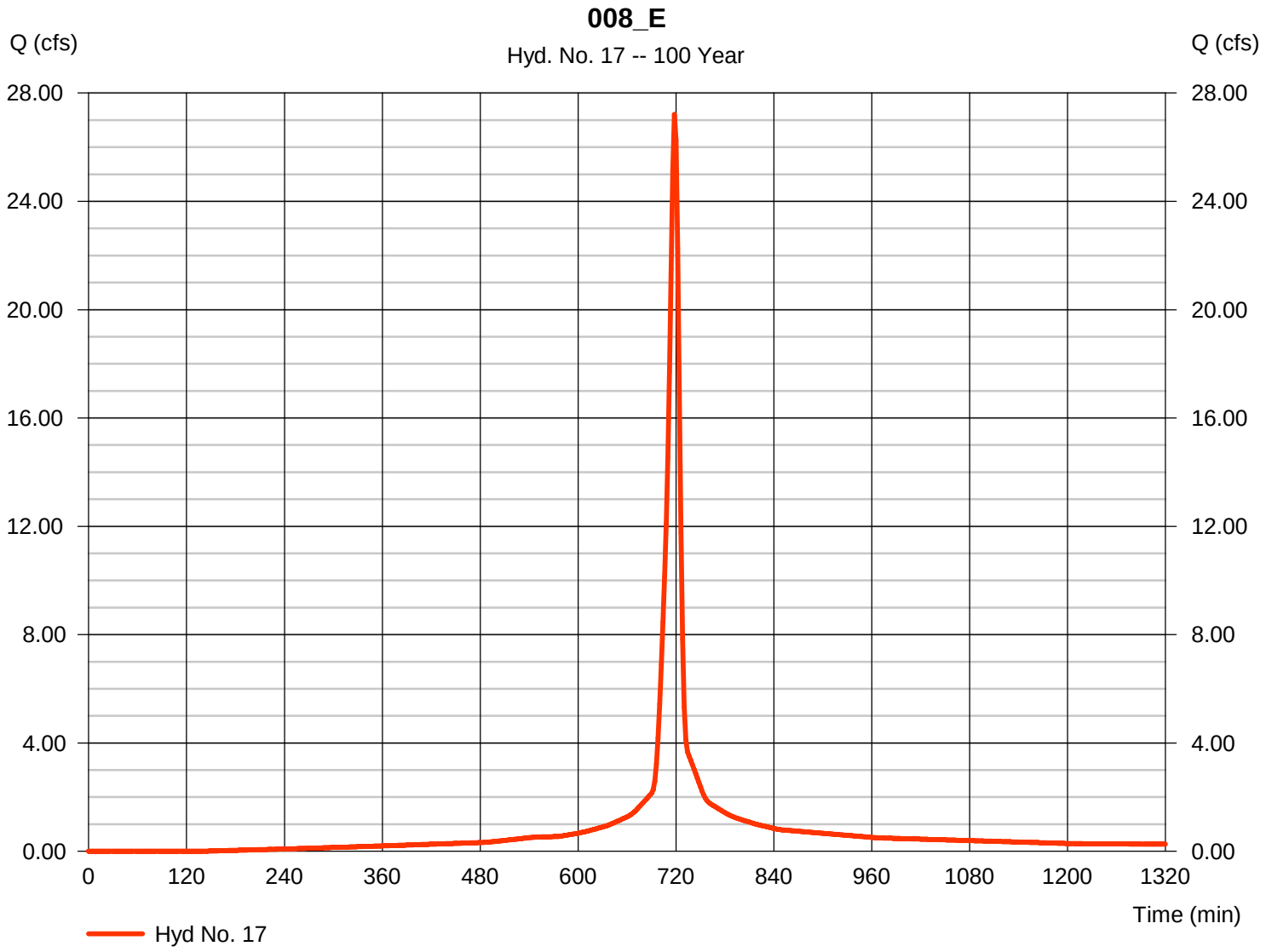
Hydrograph Report

Hyd. No. 17

008_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	27.21 cfs
Storm frequency	=	100 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	68,272 cuft
Drainage area	=	2.420 ac	Curve number	=	90*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	7.90 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.736 x 98) + (0.681 x 71)] / 2.420

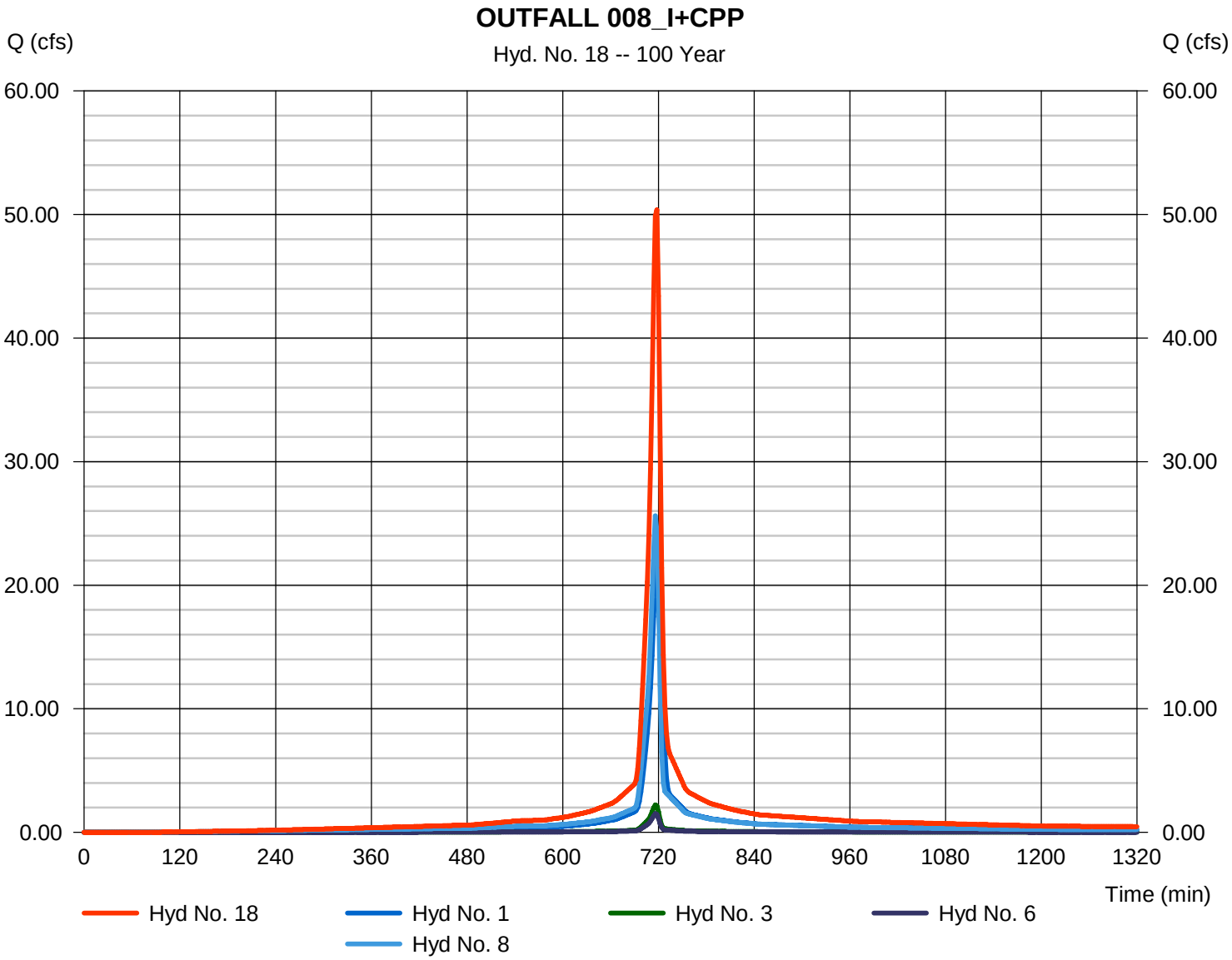


Hydrograph Report

Hyd. No. 18

OUTFALL 008_I+CPP

Hydrograph type	=	Combine	Peak discharge	=	50.36 cfs
Storm frequency	=	100 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	122,578 cuft
Inflow hyds.	=	1, 3, 6, 8	Contrib. drain. area	=	4.493 ac

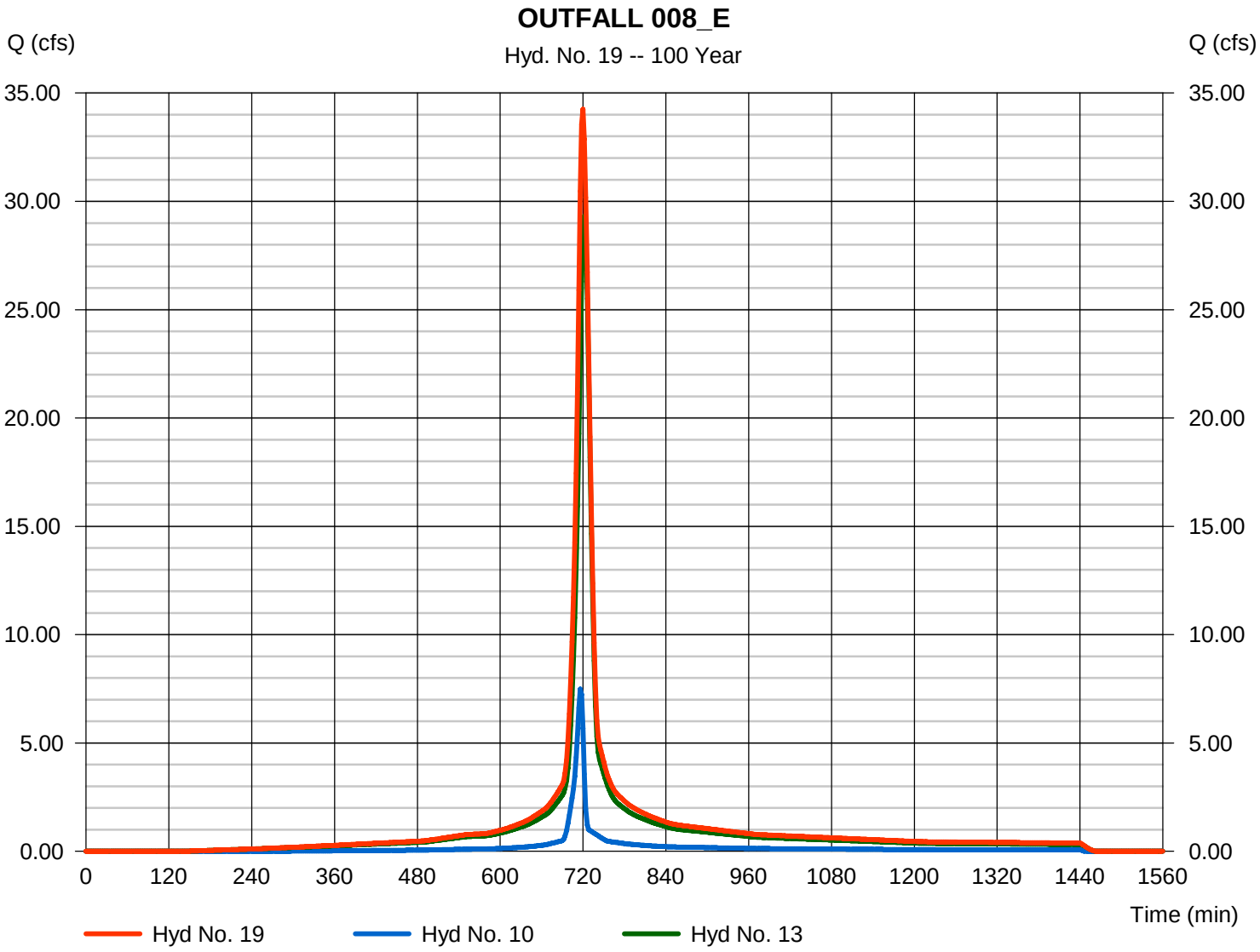


Hydrograph Report

Hyd. No. 19

OUTFALL 008_E

Hydrograph type	= Combine	Peak discharge	= 34.25 cfs
Storm frequency	= 100 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 104,800 cuft
Inflow hyds.	= 10, 13	Contrib. drain. area	= 3.920 ac

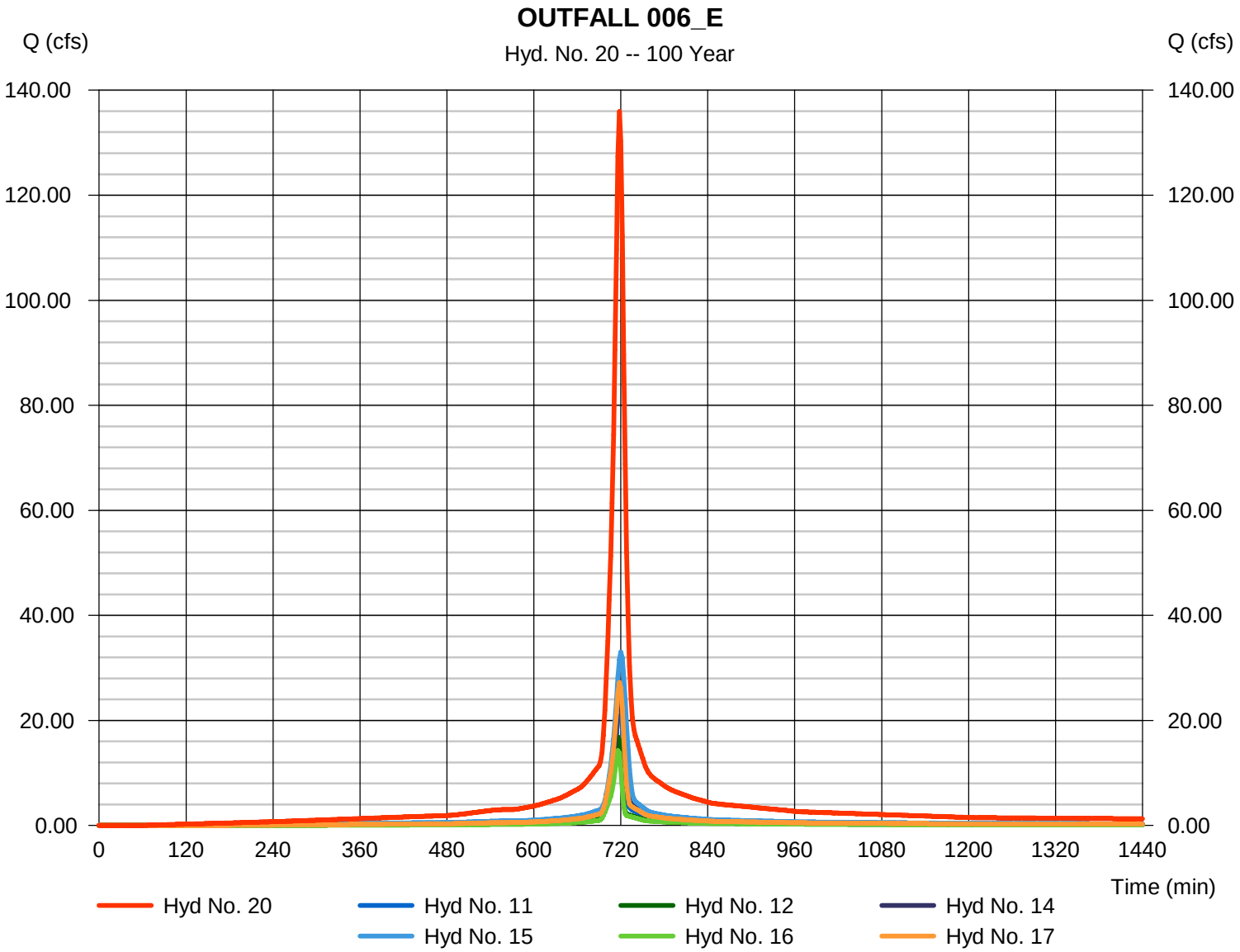


Hydrograph Report

Hyd. No. 20

OUTFALL 006_E

Hydrograph type	=	Combine	Peak discharge	=	135.92 cfs
Storm frequency	=	100 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	368,747 cuft
Inflow hyds.	=	11, 12, 14, 15, 16, 17	Contrib. drain. area	=	12.650 ac

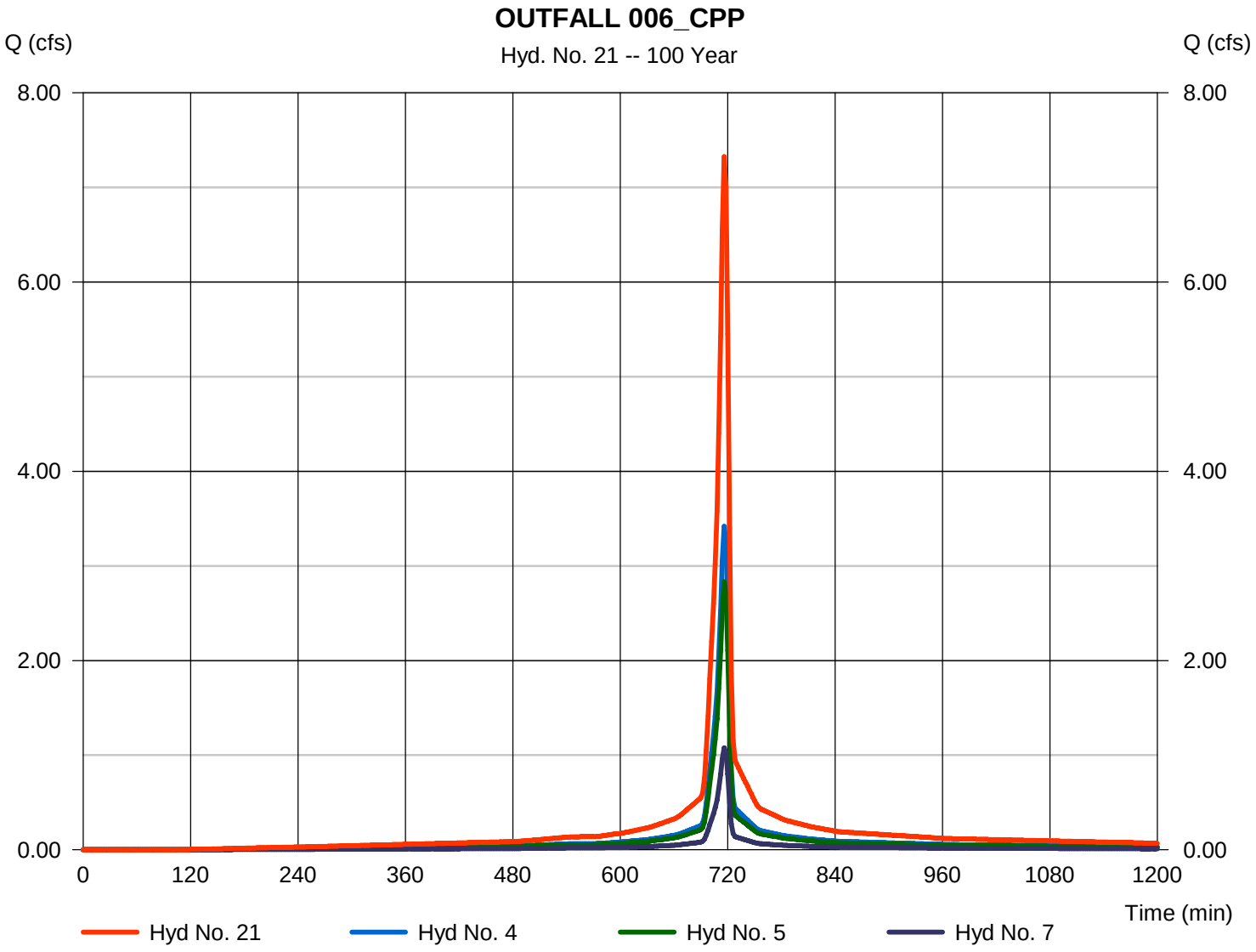


Hydrograph Report

Hyd. No. 21

OUTFALL 006_CPP

Hydrograph type	=	Combine	Peak discharge	=	7.327 cfs
Storm frequency	=	100 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	16,720 cuft
Inflow hyds.	=	4, 5, 7	Contrib. drain. area	=	0.613 ac

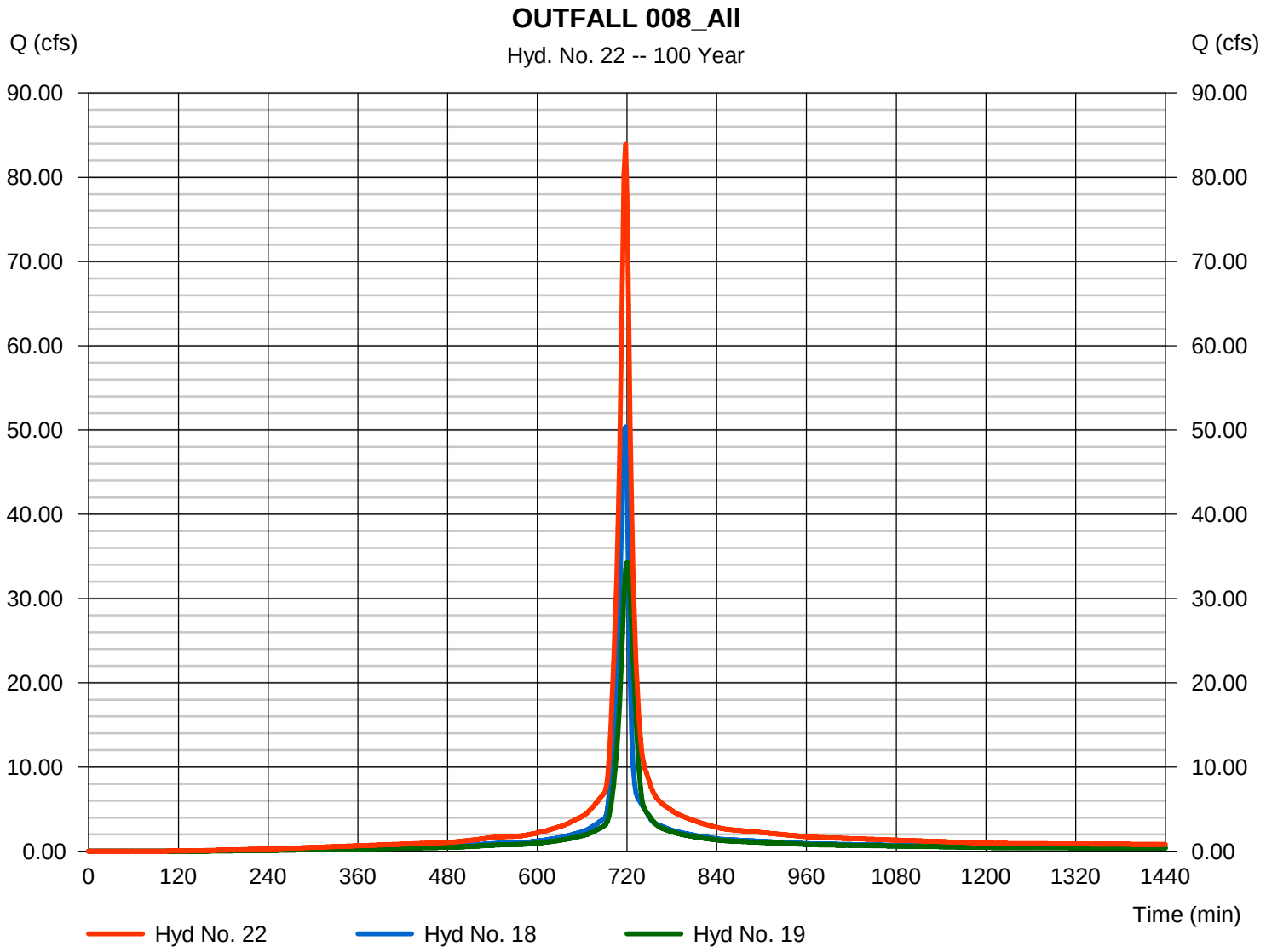


Hydrograph Report

Hyd. No. 22

OUTFALL 008_All

Hydrograph type	=	Combine	Peak discharge	=	83.91 cfs
Storm frequency	=	100 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	227,378 cuft
Inflow hyds.	=	18, 19	Contrib. drain. area	=	0.000 ac

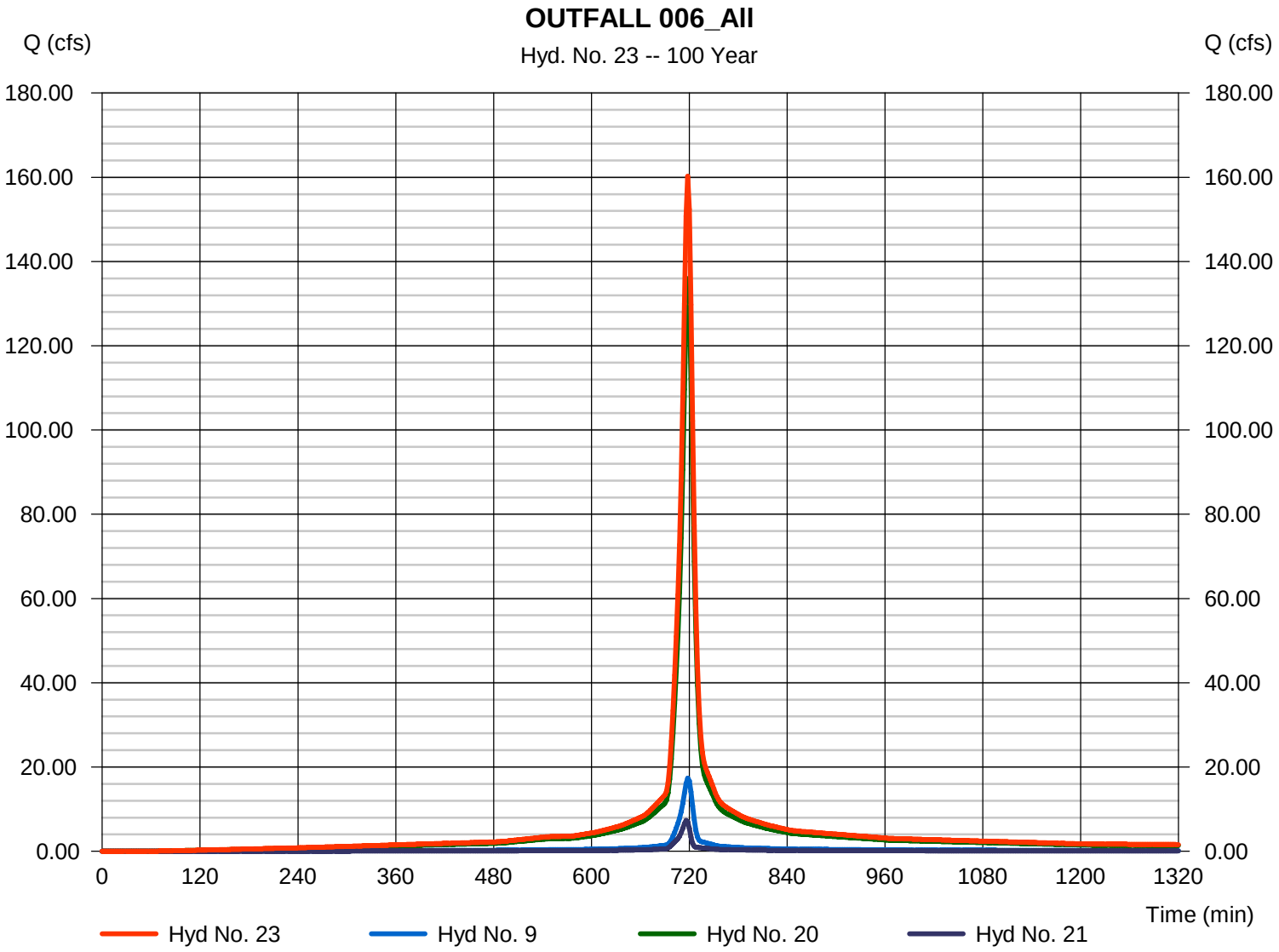


Hydrograph Report

Hyd. No. 23

OUTFALL 006_All

Hydrograph type	= Combine	Peak discharge	= 160.27 cfs
Storm frequency	= 100 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 430,062 cuft
Inflow hyds.	= 9, 20, 21	Contrib. drain. area	= 1.510 ac



Attachment B: Hydraflow Hydrographs for Post-Remediation Scenarios

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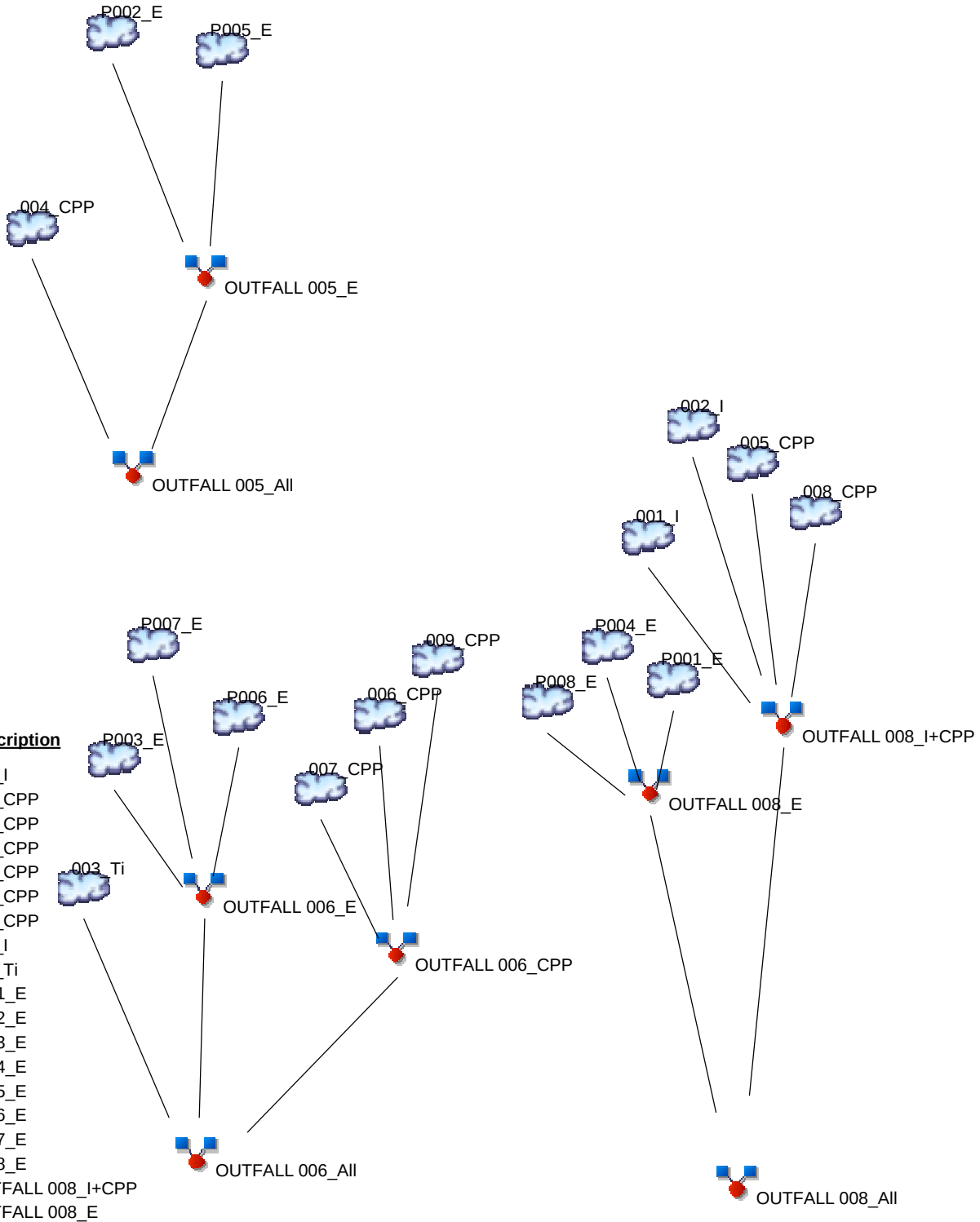
Watershed Model Schematic

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5



Legend

Hyd.	Origin	Description
1	SCS Runoff	001_I
2	SCS Runoff	004_CPP
3	SCS Runoff	005_CPP
4	SCS Runoff	006_CPP
5	SCS Runoff	007_CPP
6	SCS Runoff	008_CPP
7	SCS Runoff	009_CPP
8	SCS Runoff	002_I
9	SCS Runoff	003_Ti
10	SCS Runoff	P001_E
11	SCS Runoff	P002_E
12	SCS Runoff	P003_E
13	SCS Runoff	P004_E
14	SCS Runoff	P005_E
15	SCS Runoff	P006_E
16	SCS Runoff	P007_E
17	SCS Runoff	P008_E
18	Combine	OUTFALL 008_I+CPP
19	Combine	OUTFALL 008_E
20	Combine	OUTFALL 006_E
21	Combine	OUTFALL 006_CPP
22	Combine	OUTFALL 008_All
23	Combine	OUTFALL 006_All
24	Combine	OUTFALL 005_E
25	Combine	OUTFALL 005_All

Hydrograph Return Period Recap

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

Hyd. No.	Hydrograph type (origin)	Inflow hyd(s)	Peak Outflow (cfs)								Hydrograph Description
			1-yr	2-yr	3-yr	5-yr	10-yr	25-yr	50-yr	100-yr	
1	SCS Runoff	------	4.849	6.481	-------	-------	11.60	15.32	18.60	22.31	001_I
2	SCS Runoff	------	0.828	1.048	-------	-------	1.718	2.197	2.618	3.096	004_CPP
3	SCS Runoff	------	0.597	0.757	-------	-------	1.240	1.586	1.891	2.235	005_CPP
4	SCS Runoff	------	0.914	1.157	-------	-------	1.897	2.426	2.891	3.418	006_CPP
5	SCS Runoff	------	0.757	0.959	-------	-------	1.572	2.010	2.396	2.833	007_CPP
6	SCS Runoff	------	0.403	0.510	-------	-------	0.836	1.069	1.274	1.506	008_CPP
7	SCS Runoff	------	0.288	0.364	-------	-------	0.597	0.763	0.910	1.076	009_CPP
8	SCS Runoff	------	7.238	9.026	-------	-------	14.45	18.33	21.75	25.62	002_I
9	SCS Runoff	------	4.745	5.970	-------	-------	9.686	12.34	14.68	17.33	003_Ti
10	SCS Runoff	------	0.694	1.131	-------	-------	2.724	4.018	5.210	6.596	P001_E
11	SCS Runoff	------	2.145	3.495	-------	-------	8.416	12.41	16.09	20.38	P002_E
12	SCS Runoff	------	0.638	1.035	-------	-------	2.458	3.622	4.694	5.941	P003_E
13	SCS Runoff	------	3.104	5.037	-------	-------	11.97	17.63	22.85	28.92	P004_E
14	SCS Runoff	------	2.184	3.596	-------	-------	8.716	12.89	16.75	21.24	P005_E
15	SCS Runoff	------	1.036	1.688	-------	-------	4.065	5.995	7.774	9.842	P006_E
16	SCS Runoff	------	0.946	1.581	-------	-------	3.891	5.764	7.506	9.539	P007_E
17	SCS Runoff	------	0.934	1.538	-------	-------	3.729	5.516	7.165	9.085	P008_E
18	Combine	1, 3, 6, 8,	12.80	16.39	-------	-------	27.44	35.40	42.41	50.36	OUTFALL 008_I+CPP
19	Combine	10, 13, 17,	4.598	7.559	-------	-------	18.23	26.79	34.65	43.80	OUTFALL 008_E
20	Combine	12, 15, 16,	2.324	3.875	-------	-------	9.512	14.06	18.25	23.16	OUTFALL 006_E
21	Combine	4, 5, 7,	1.959	2.480	-------	-------	4.066	5.200	6.197	7.327	OUTFALL 006_CPP
22	Combine	18, 19,	16.40	22.62	-------	-------	43.39	59.28	73.64	90.17	OUTFALL 008_All
23	Combine	9, 20, 21,	8.273	11.28	-------	-------	21.33	29.04	36.03	44.14	OUTFALL 006_All
24	Combine	11, 14,	4.257	7.033	-------	-------	17.06	25.11	32.52	41.14	OUTFALL 005_E
25	Combine	2, 24	4.477	7.308	-------	-------	17.51	25.80	33.44	42.33	OUTFALL 005_All

Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	4.849	2	718	11,098	------	------	------	001_I
2	SCS Runoff	0.828	2	716	1,731	------	------	------	004_CPP
3	SCS Runoff	0.597	2	716	1,250	------	------	------	005_CPP
4	SCS Runoff	0.914	2	716	1,911	------	------	------	006_CPP
5	SCS Runoff	0.757	2	716	1,584	------	------	------	007_CPP
6	SCS Runoff	0.403	2	716	842	------	------	------	008_CPP
7	SCS Runoff	0.288	2	716	601	------	------	------	009_CPP
8	SCS Runoff	7.238	2	716	15,493	------	------	------	002_I
9	SCS Runoff	4.745	2	718	11,257	------	------	------	003_Ti
10	SCS Runoff	0.694	2	724	2,190	------	------	------	P001_E
11	SCS Runoff	2.145	2	724	6,767	------	------	------	P002_E
12	SCS Runoff	0.638	2	722	1,826	------	------	------	P003_E
13	SCS Runoff	3.104	2	722	8,889	------	------	------	P004_E
14	SCS Runoff	2.184	2	726	7,852	------	------	------	P005_E
15	SCS Runoff	1.036	2	724	3,269	------	------	------	P006_E
16	SCS Runoff	0.946	2	732	4,502	------	------	------	P007_E
17	SCS Runoff	0.934	2	726	3,359	------	------	------	P008_E
18	Combine	12.80	2	718	28,682	1, 3, 6, 8,	------	------	OUTFALL 008_I+CPP
19	Combine	4.598	2	722	14,439	10, 13, 17,	------	------	OUTFALL 008_E
20	Combine	2.324	2	724	9,597	12, 15, 16,	------	------	OUTFALL 006_E
21	Combine	1.959	2	716	4,096	4, 5, 7,	------	------	OUTFALL 006_CPP
22	Combine	16.40	2	718	43,121	18, 19,	------	------	OUTFALL 008_All
23	Combine	8.273	2	718	24,950	9, 20, 21,	------	------	OUTFALL 006_All
24	Combine	4.257	2	724	14,619	11, 14,	------	------	OUTFALL 005_E
25	Combine	4.477	2	724	16,350	2, 24	------	------	OUTFALL 005_All

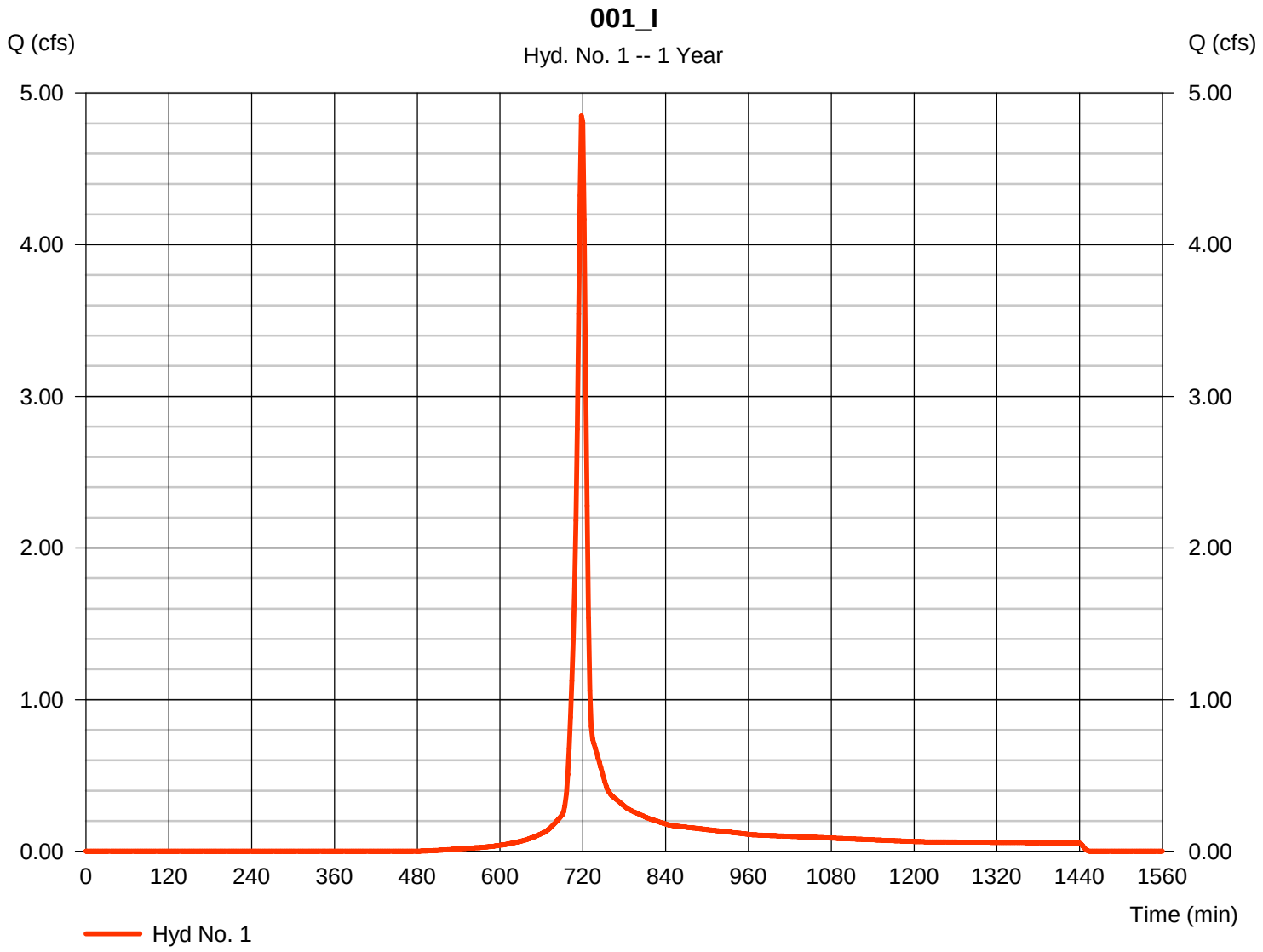
Hydrograph Report

Hyd. No. 1

001_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	4.849 cfs
Storm frequency	=	1 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	11,098 cuft
Drainage area	=	2.060 ac	Curve number	=	86*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	7.20 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.140 x 98) + (0.860 x 71) + (0.060 x 71)] / 2.060



TR55 Tc Worksheet

Hyd. No. 1

001_I

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.013		0.011		0.011		
Flow length (ft)	= 150.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.19		0.00		0.00		
Land slope (%)	= 1.33		0.00		0.00		
Travel Time (min)	**= 2.26**	**+**	**0.00**	**+**	**0.00**	**=**	**2.26**
Shallow Concentrated Flow							
Flow length (ft)	= 207.00		0.00		0.00		
Watercourse slope (%)	= 1.50		0.00		0.00		
Surface description	= Paved		Paved		Paved		
Average velocity (ft/s)	=2.49		0.00		0.00		
Travel Time (min)	**= 1.39**	**+**	**0.00**	**+**	**0.00**	**=**	**1.39**
Channel Flow							
X sectional flow area (sqft)	= 1.00		0.00		0.00		
Wetted perimeter (ft)	= 3.00		0.00		0.00		
Channel slope (%)	= 1.26		0.00		0.00		
Manning's n-value	= 0.025		0.015		0.015		
Velocity (ft/s)	=3.20						
			0.00				
					0.00		
Flow length (ft)	({0})680.0		0.0		0.0		
Travel Time (min)	**= 3.54**	**+**	**0.00**	**+**	**0.00**	**=**	**3.54**

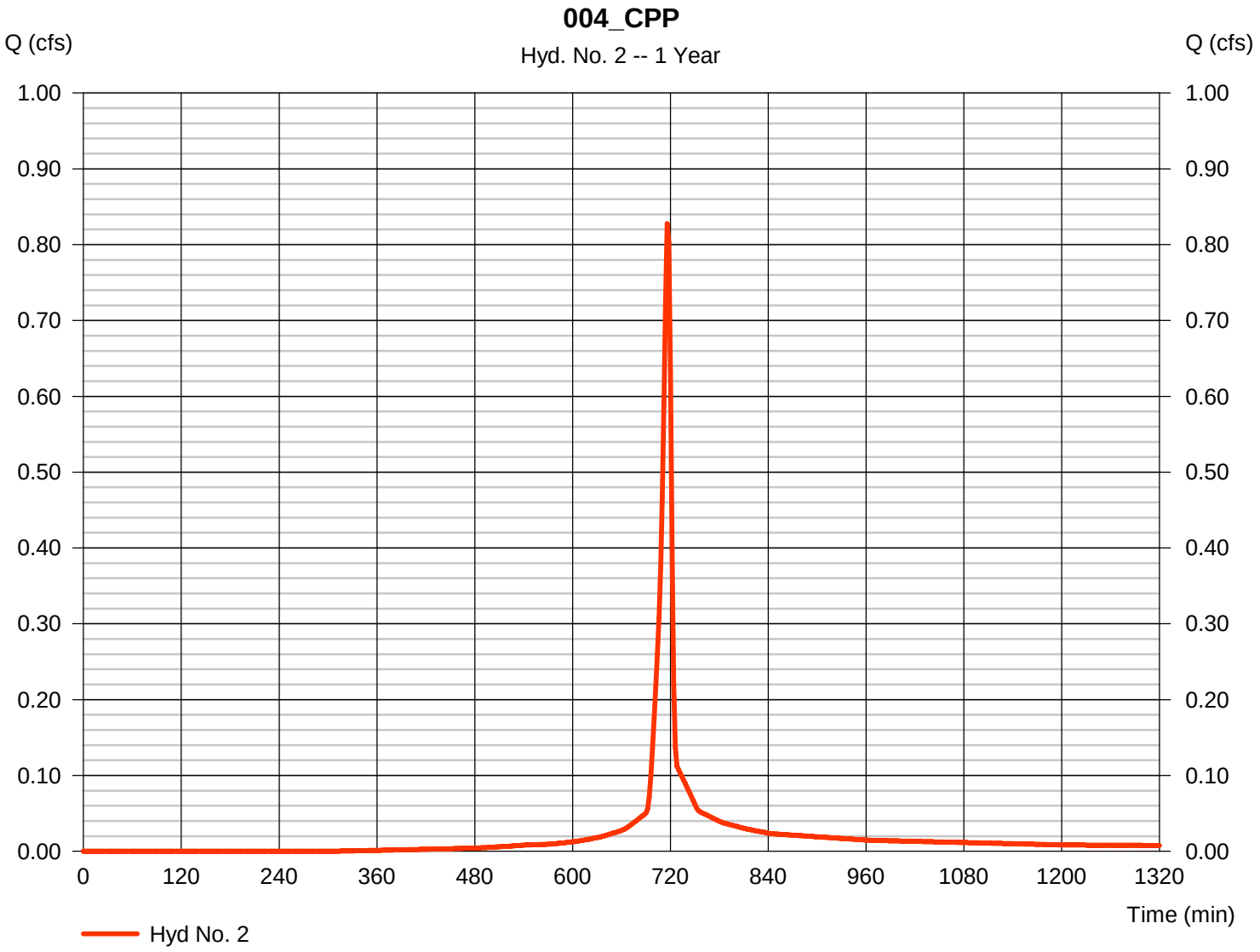
Total Travel Time, Tc ..... 7.20 min

Hydrograph Report

Hyd. No. 2

004_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.828 cfs
Storm frequency	=	1 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	1,731 cuft
Drainage area	=	0.259 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

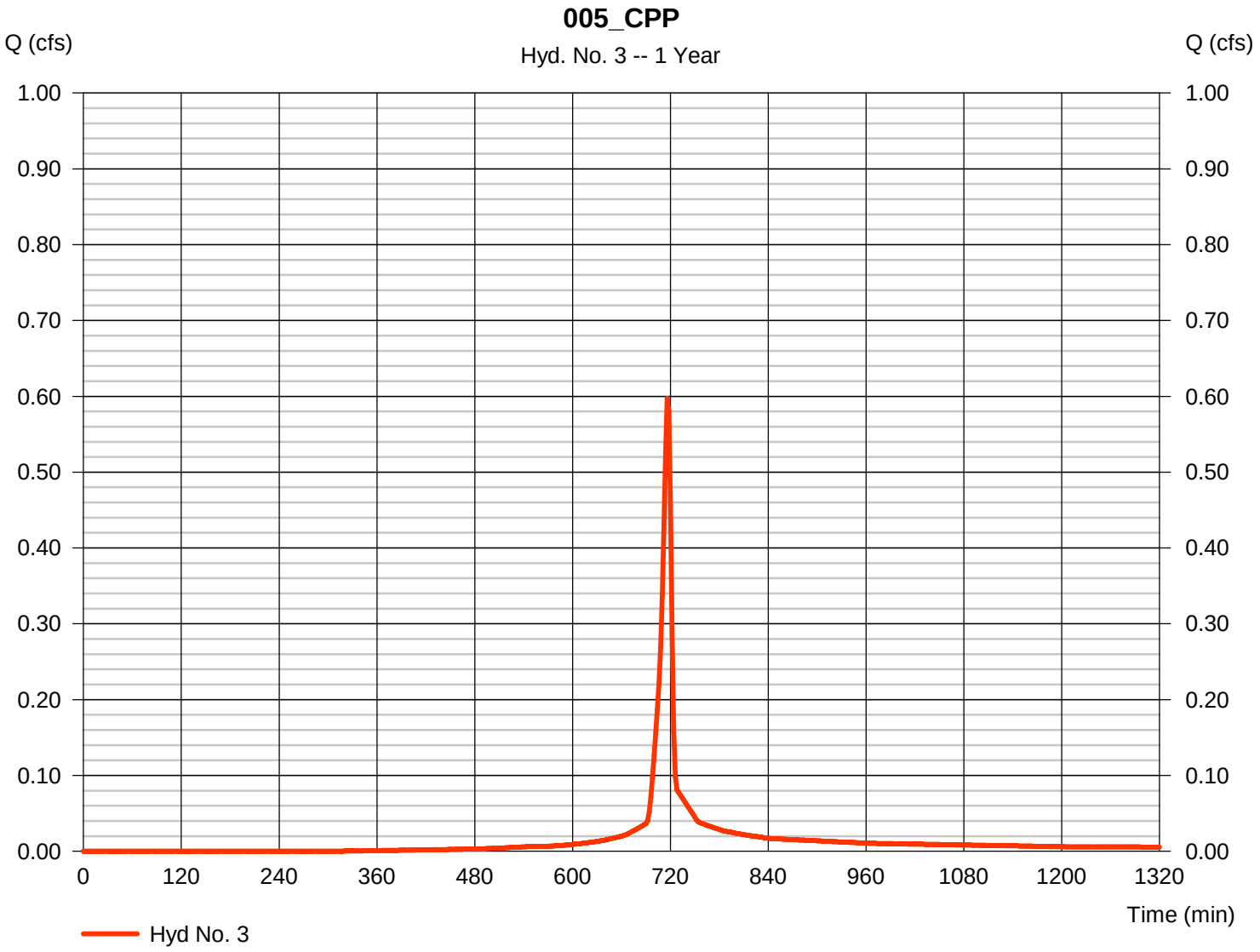


Hydrograph Report

Hyd. No. 3

005_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.597 cfs
Storm frequency	=	1 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	1,250 cuft
Drainage area	=	0.187 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

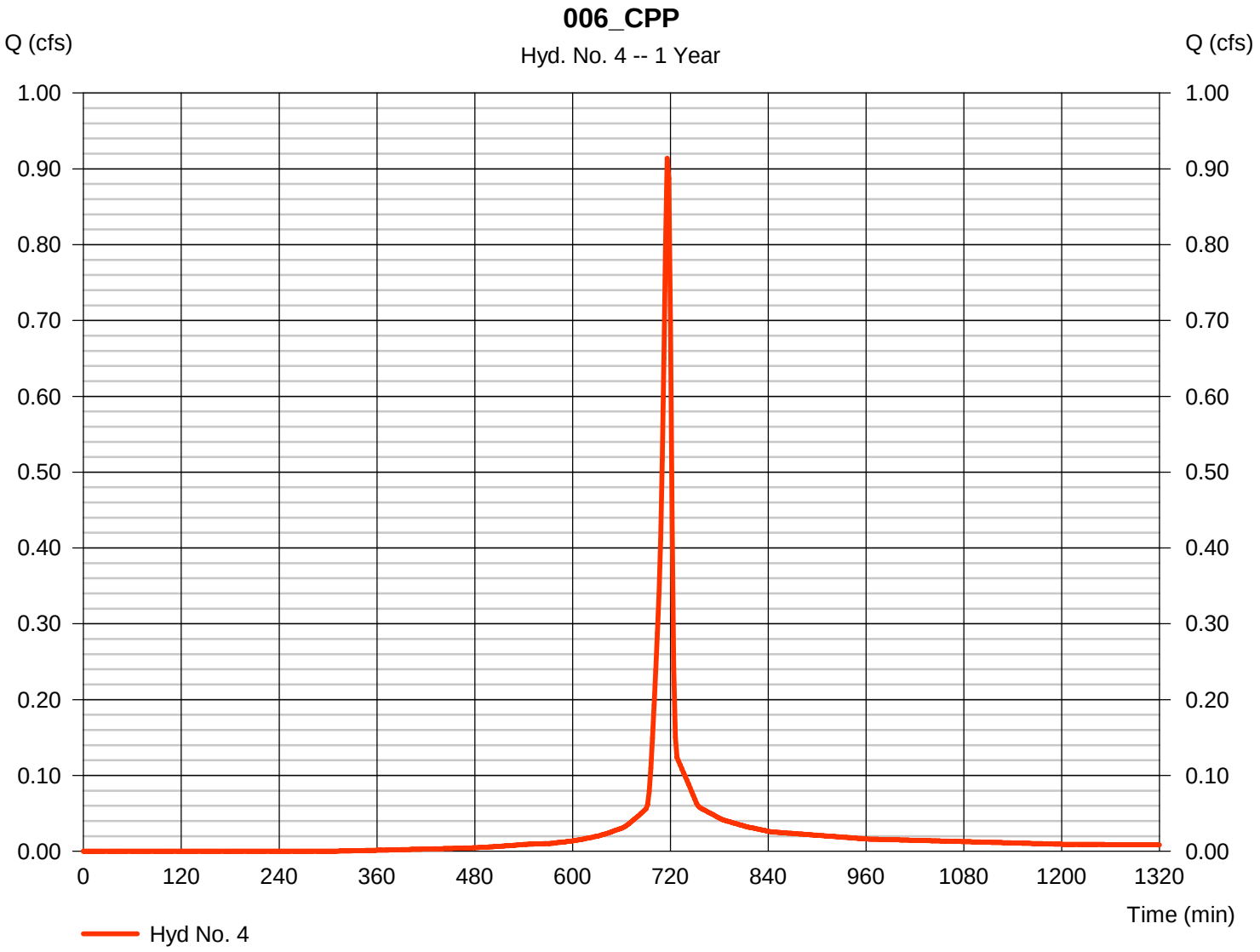


Hydrograph Report

Hyd. No. 4

006_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.914 cfs
Storm frequency	=	1 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	1,911 cuft
Drainage area	=	0.286 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

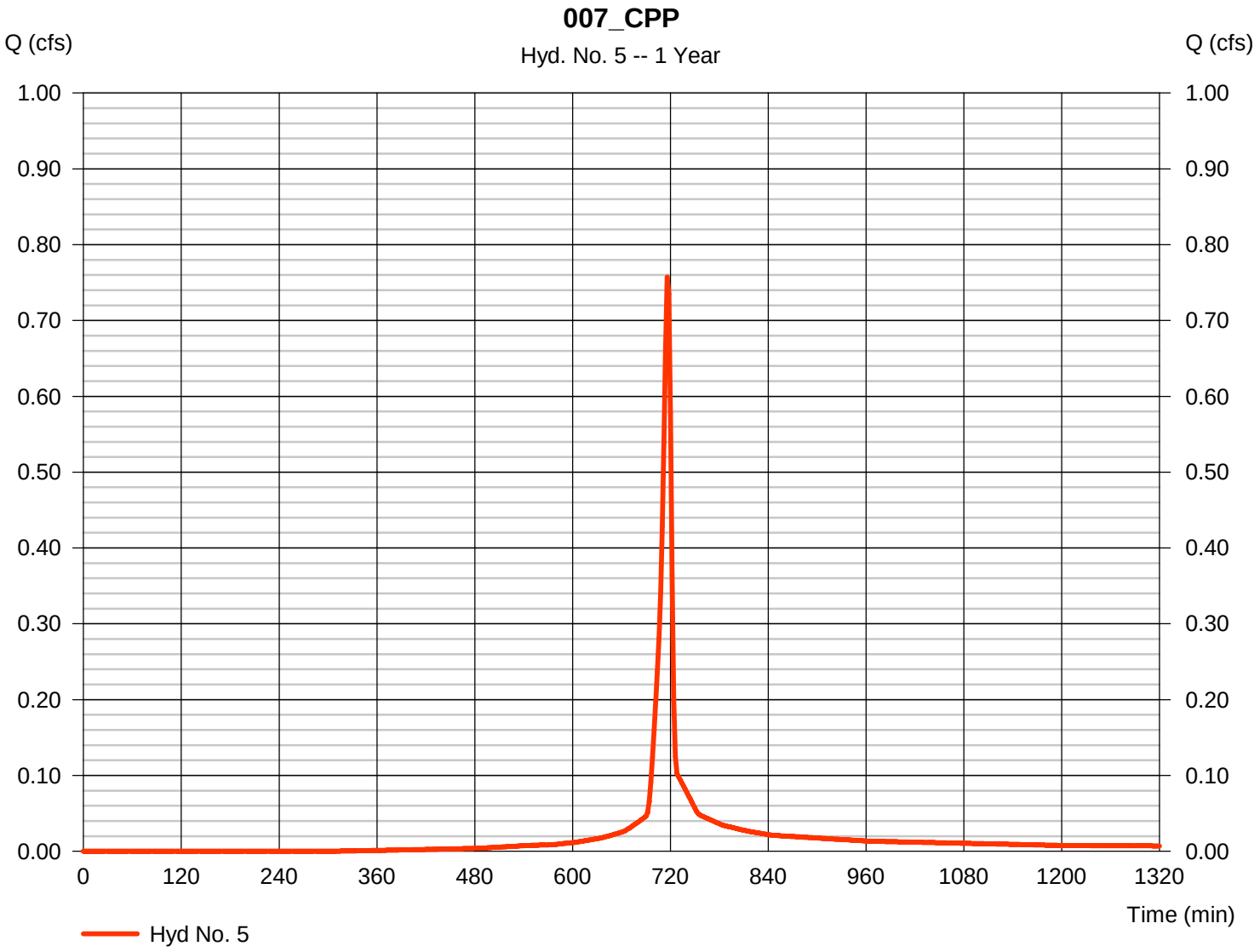


Hydrograph Report

Hyd. No. 5

007_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.757 cfs
Storm frequency	=	1 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	1,584 cuft
Drainage area	=	0.237 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

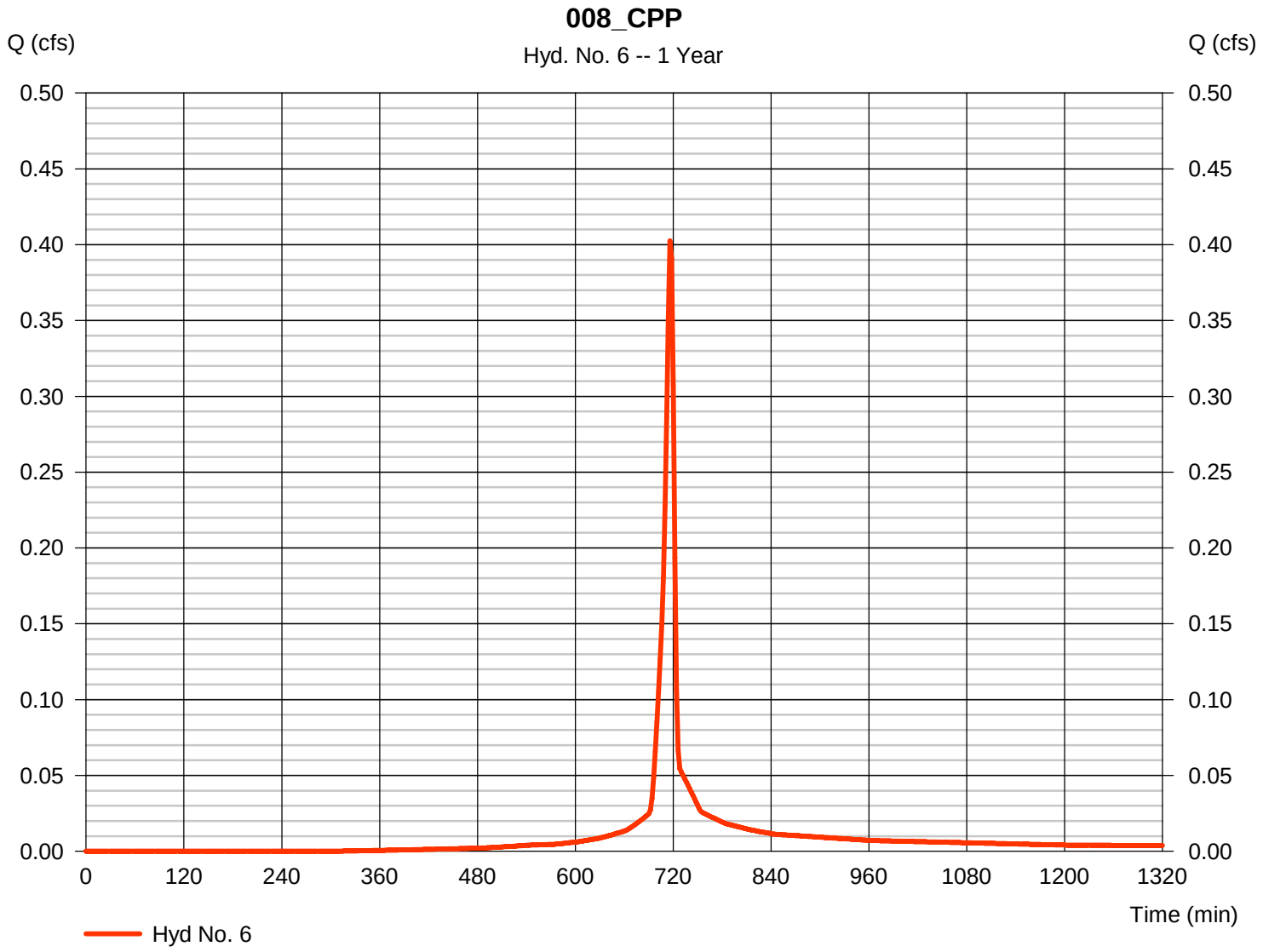


Hydrograph Report

Hyd. No. 6

008_CPP

Hydrograph type	= SCS Runoff	Peak discharge	= 0.403 cfs
Storm frequency	= 1 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 842 cuft
Drainage area	= 0.126 ac	Curve number	= 92
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 6.00 min
Total precip.	= 2.79 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

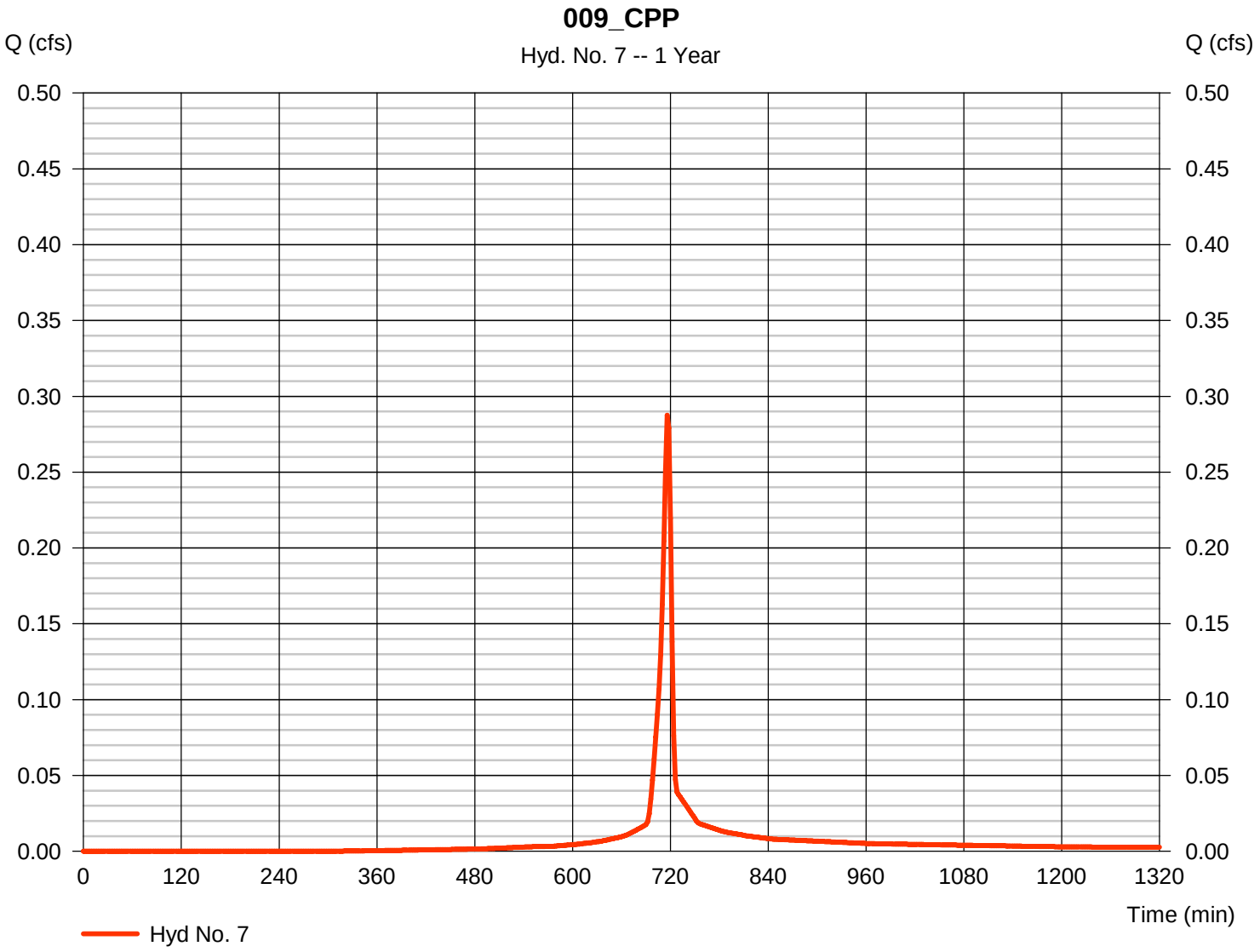


Hydrograph Report

Hyd. No. 7

009_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.288 cfs
Storm frequency	=	1 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	601 cuft
Drainage area	=	0.090 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484



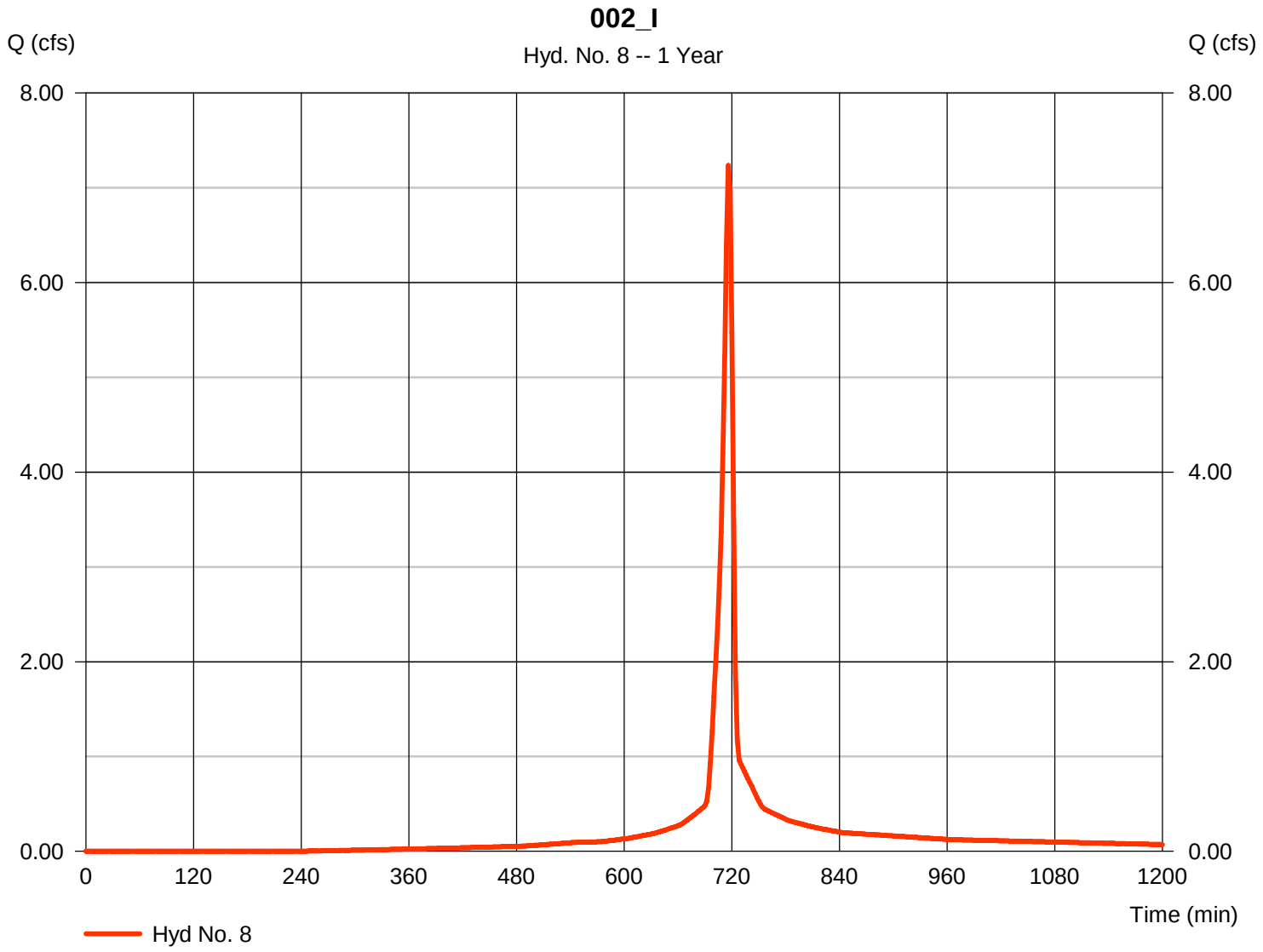
Hydrograph Report

Hyd. No. 8

002_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	7.238 cfs
Storm frequency	=	1 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	15,493 cuft
Drainage area	=	2.120 ac	Curve number	=	94*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.802 x 98) + (0.192 x 71) + (0.125 x 71)] / 2.120



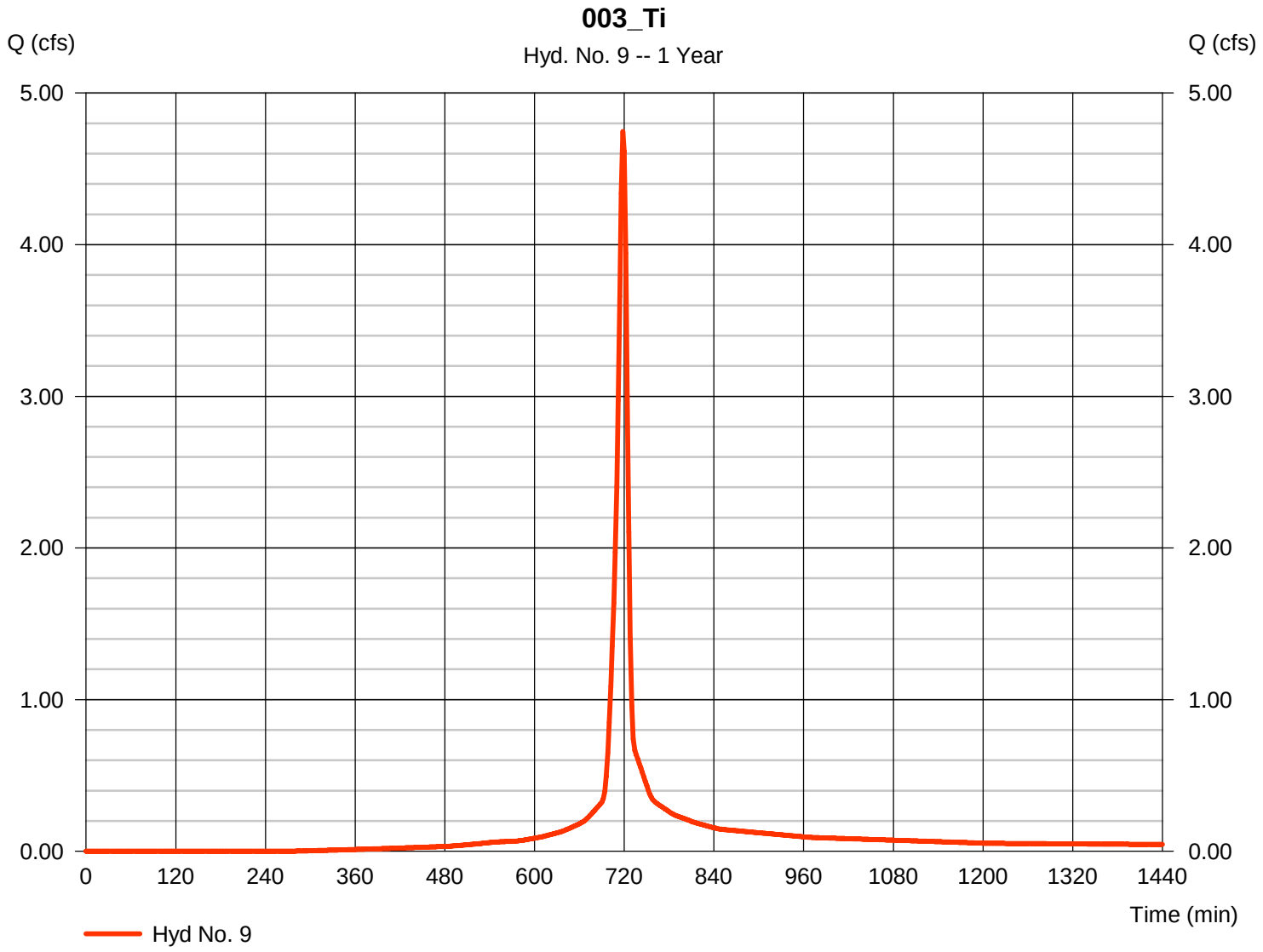
Hydrograph Report

Hyd. No. 9

003_Ti

Hydrograph type	=	SCS Runoff	Peak discharge	=	4.745 cfs
Storm frequency	=	1 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	11,257 cuft
Drainage area	=	1.510 ac	Curve number	=	93*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	9.20 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.228 x 98) + (0.234 x 71) + (0.049 x 71)] / 1.510



TR55 Tc Worksheet

Hyd. No. 9

003_Ti

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.013		0.011		0.011		
Flow length (ft)	= 143.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.19		0.00		0.00		
Land slope (%)	= 1.60		0.00		0.00		
Travel Time (min)	**= 2.02**	**+**	**0.00**	**+**	**0.00**	**=**	**2.02**
Shallow Concentrated Flow							
Flow length (ft)	= 667.00		0.00		0.00		
Watercourse slope (%)	= 2.00		0.00		0.00		
Surface description	= Paved		Paved		Paved		
Average velocity (ft/s)	=2.87		0.00		0.00		
Travel Time (min)	**= 3.87**	**+**	**0.00**	**+**	**0.00**	**=**	**3.87**
Channel Flow							
X sectional flow area (sqft)	= 1.00		0.00		0.00		
Wetted perimeter (ft)	= 3.00		0.00		0.00		
Channel slope (%)	= 0.80		0.00		0.00		
Manning's n-value	= 0.025		0.015		0.015		
Velocity (ft/s)	=2.55						
			0.00				
					0.00		
Flow length (ft)	({0})501.0		0.0		0.0		
Travel Time (min)	**= 3.27**	**+**	**0.00**	**+**	**0.00**	**=**	**3.27**

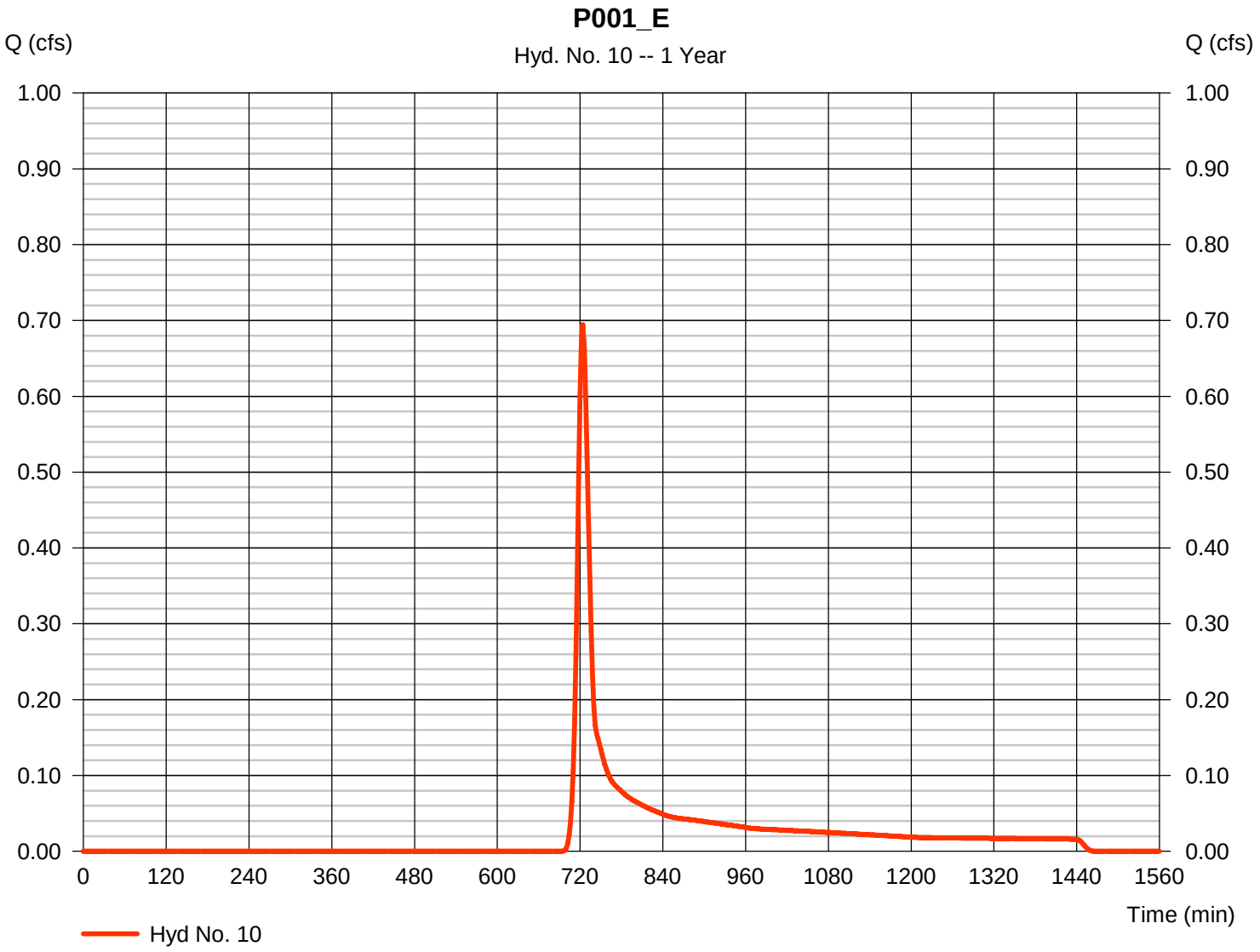
Total Travel Time, Tc ..... 9.20 min

Hydrograph Report

Hyd. No. 10

P001_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.694 cfs
Storm frequency	=	1 yrs	Time to peak	=	724 min
Time interval	=	2 min	Hyd. volume	=	2,190 cuft
Drainage area	=	0.963 ac	Curve number	=	71
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	14.00 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484



TR55 Tc Worksheet

Hyd. No. 10

P001_E

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.150		0.011		0.011		
Flow length (ft)	= 113.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.19		0.00		0.00		
Land slope (%)	= 2.20		0.00		0.00		
Travel Time (min)	**= 10.42**	**+**	**0.00**	**+**	**0.00**	**=**	**10.42**
Shallow Concentrated Flow							
Flow length (ft)	= 387.00		0.00		0.00		
Watercourse slope (%)	= 2.20		0.00		0.00		
Surface description	= Unpaved		Paved		Paved		
Average velocity (ft/s)	=2.39		0.00		0.00		
Travel Time (min)	**= 2.70**	**+**	**0.00**	**+**	**0.00**	**=**	**2.70**
Channel Flow							
X sectional flow area (sqft)	= 1.23		0.00		0.00		
Wetted perimeter (ft)	= 3.93		0.00		0.00		
Channel slope (%)	= 0.80		0.00		0.00		
Manning's n-value	= 0.015		0.015		0.015		
Velocity (ft/s)	=4.08						
			0.00				
					0.00		
Flow length (ft)	({0})223.0		0.0		0.0		
Travel Time (min)	**= 0.91**	**+**	**0.00**	**+**	**0.00**	**=**	**0.91**

Total Travel Time, Tc ..... 14.00 min

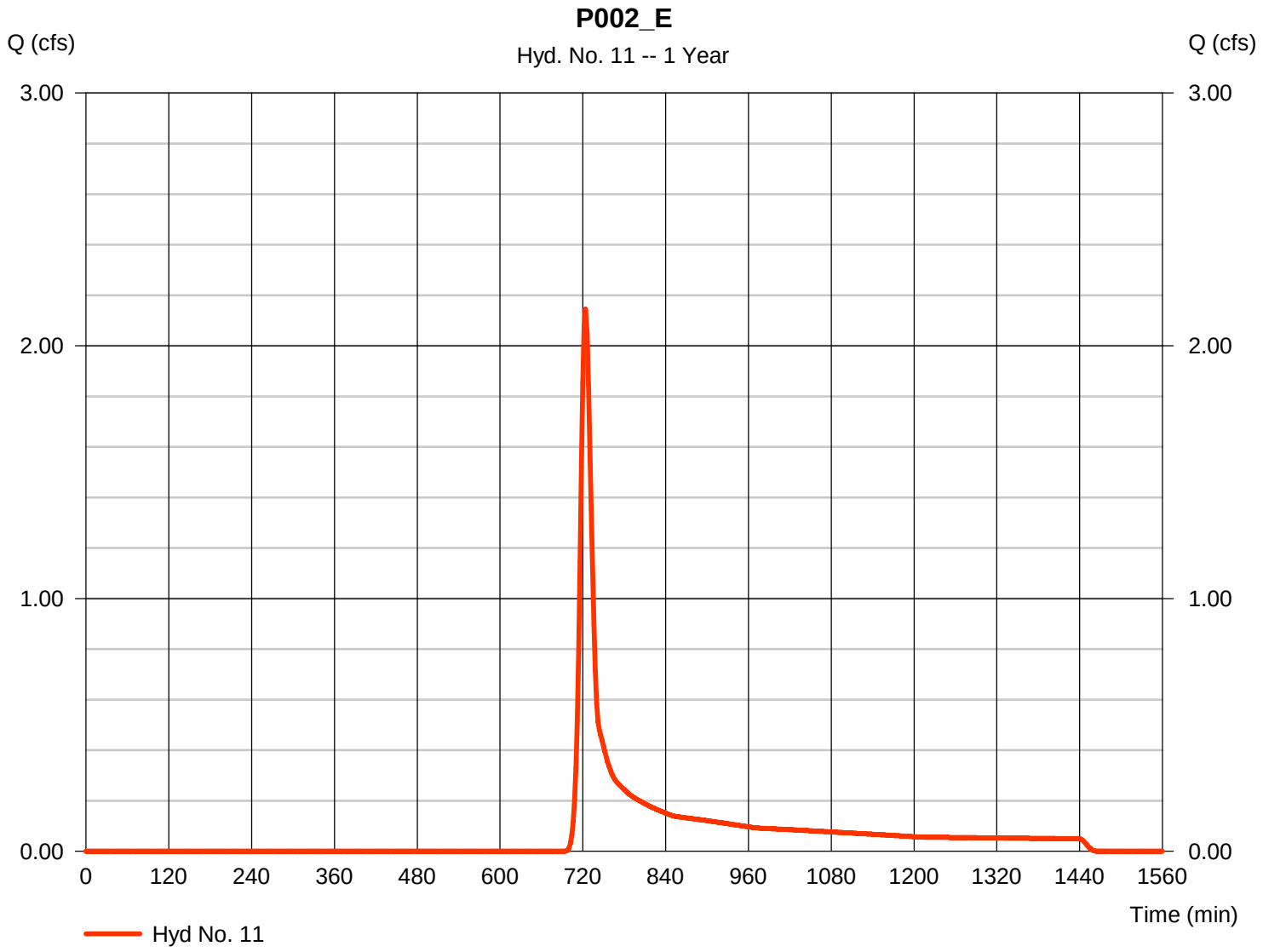
Hydrograph Report

Hyd. No. 11

P002_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.145 cfs
Storm frequency	=	1 yrs	Time to peak	=	724 min
Time interval	=	2 min	Hyd. volume	=	6,767 cuft
Drainage area	=	2.975 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	13.70 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.009 x 98) + (1.040 x 76)] / 2.975



TR55 Tc Worksheet

Hyd. No. 11

P002_E

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.150		0.011		0.011		
Flow length (ft)	= 142.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.38		0.00		0.00		
Land slope (%)	= 9.20		0.00		0.00		
Travel Time (min)	**= 6.85**	**+**	**0.00**	**+**	**0.00**	**=**	**6.85**
Shallow Concentrated Flow							
Flow length (ft)	= 282.00		0.00		0.00		
Watercourse slope (%)	= 0.50		0.00		0.00		
Surface description	= Unpaved		Paved		Paved		
Average velocity (ft/s)	=1.14		0.00		0.00		
Travel Time (min)	**= 4.12**	**+**	**0.00**	**+**	**0.00**	**=**	**4.12**
Channel Flow							
X sectional flow area (sqft)	= 1.25		0.00		0.00		
Wetted perimeter (ft)	= 5.10		0.00		0.00		
Channel slope (%)	= 0.50		0.00		0.00		
Manning's n-value	= 0.025		0.015		0.015		
Velocity (ft/s)	=1.64						
			0.00				
					0.00		
Flow length (ft)	({0})270.0		0.0		0.0		
Travel Time (min)	**= 2.74**	**+**	**0.00**	**+**	**0.00**	**=**	**2.74**

Total Travel Time, Tc ..... 13.70 min

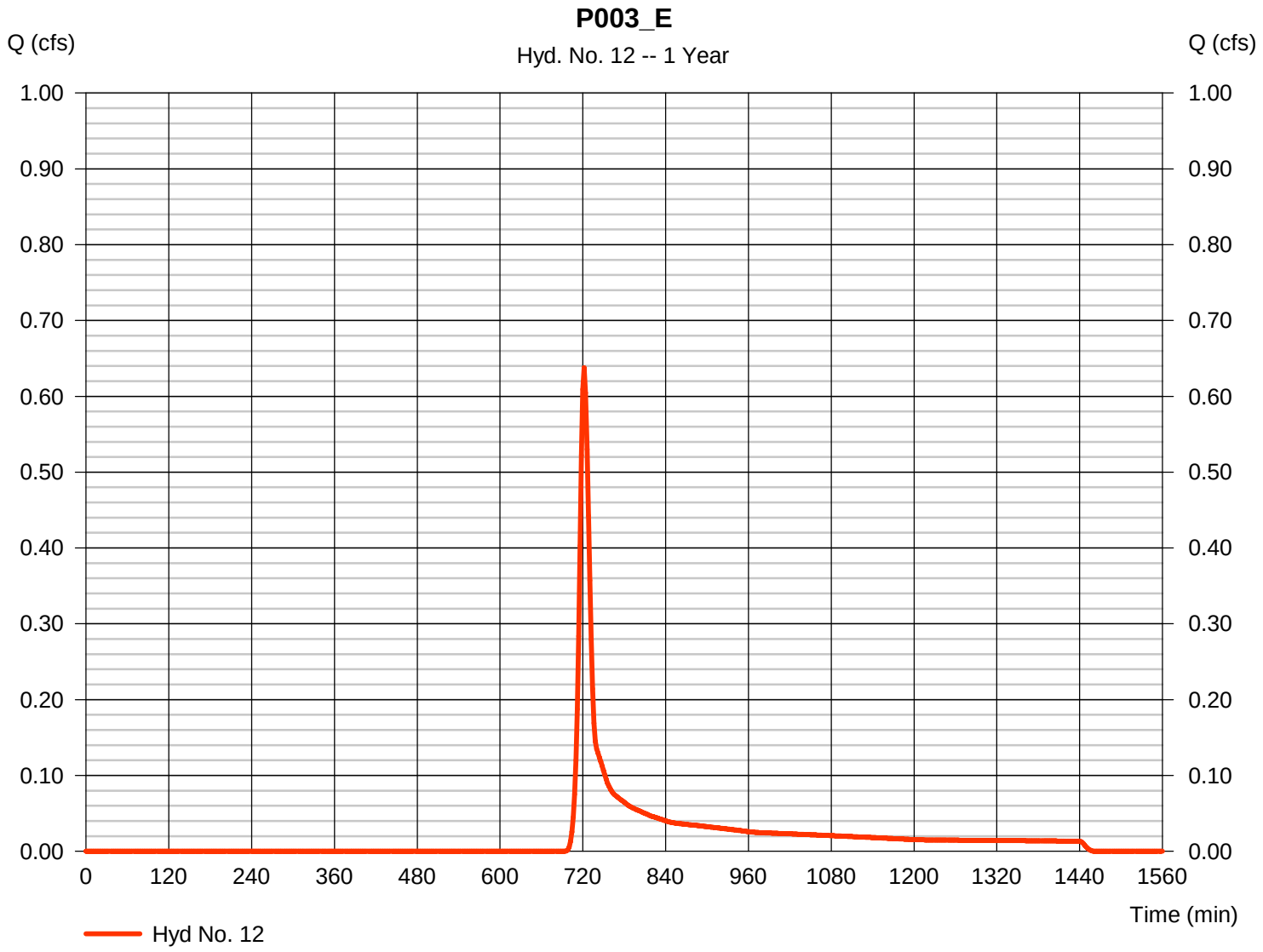
Hydrograph Report

Hyd. No. 12

P003_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.638 cfs
Storm frequency	=	1 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	1,826 cuft
Drainage area	=	0.759 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	12.00 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.304 x 98) + (0.073 x 71)] / 0.759



TR55 Tc Worksheet

Hyd. No. 12

P003_E

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.150		0.011		0.011		
Flow length (ft)	= 91.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.38		0.00		0.00		
Land slope (%)	= 2.20		0.00		0.00		
Travel Time (min)	**= 8.51**	**+**	**0.00**	**+**	**0.00**	**=**	**8.51**
Shallow Concentrated Flow							
Flow length (ft)	= 271.00		0.00		0.00		
Watercourse slope (%)	= 1.60		0.00		0.00		
Surface description	= Unpaved		Paved		Paved		
Average velocity (ft/s)	=2.04		0.00		0.00		
Travel Time (min)	**= 2.21**	**+**	**0.00**	**+**	**0.00**	**=**	**2.21**
Channel Flow							
X sectional flow area (sqft)	= 5.00		0.00		0.00		
Wetted perimeter (ft)	= 10.20		0.00		0.00		
Channel slope (%)	= 0.70		0.00		0.00		
Manning's n-value	= 0.025		0.015		0.015		
Velocity (ft/s)	=3.09						
			0.00				
					0.00		
Flow length (ft)	({0})228.0		0.0		0.0		
Travel Time (min)	**= 1.23**	**+**	**0.00**	**+**	**0.00**	**=**	**1.23**

Total Travel Time, Tc ..... 12.00 min

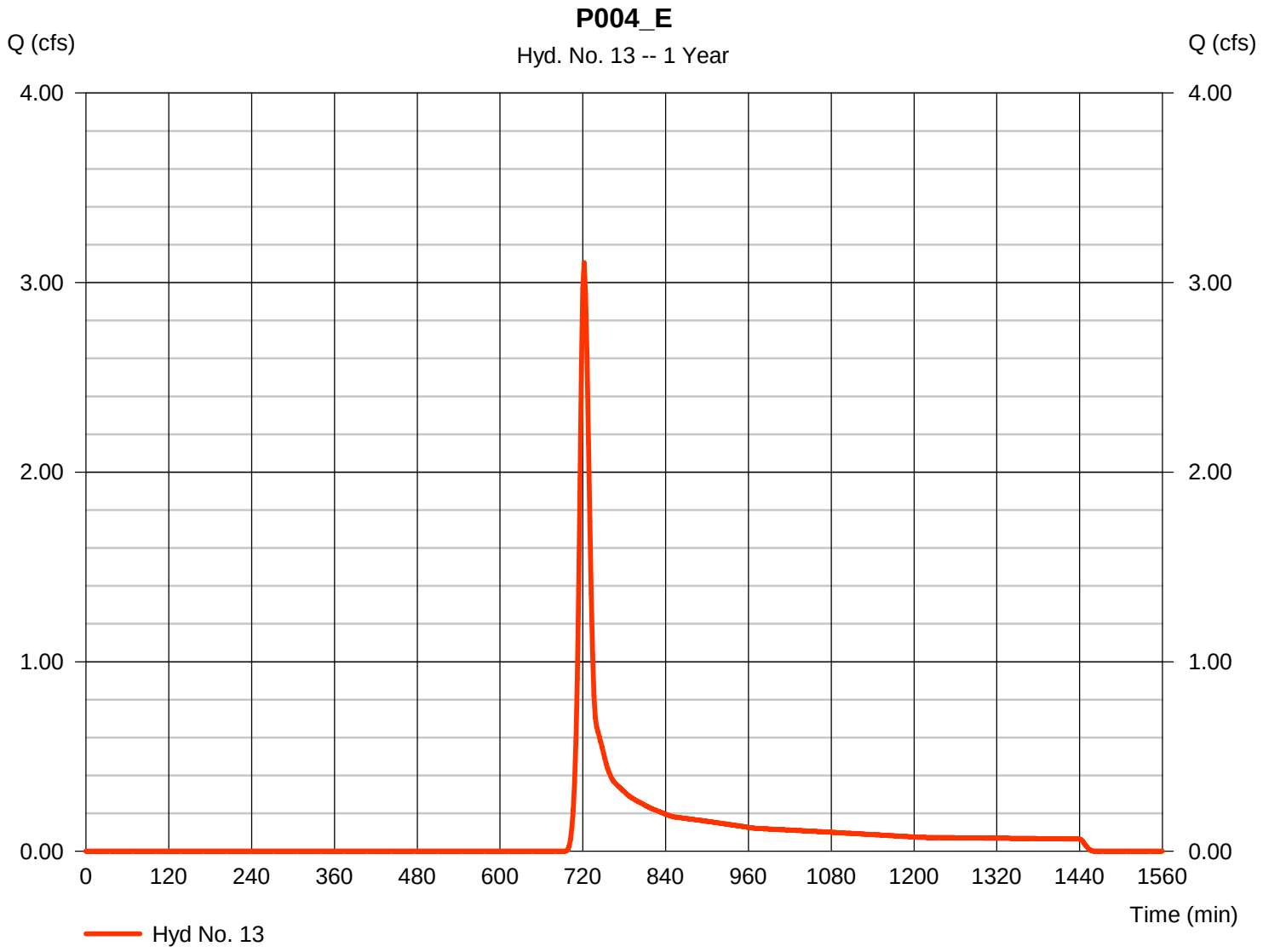
Hydrograph Report

Hyd. No. 13

P004_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	3.104 cfs
Storm frequency	=	1 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	8,889 cuft
Drainage area	=	3.695 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	11.00 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.155 x 98) + (0.109 x 71) + (0.970 x 76)] / 3.695



TR55 Tc Worksheet

Hyd. No. 13

P004_E

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.150		0.011		0.011		
Flow length (ft)	= 150.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.38		0.00		0.00		
Land slope (%)	= 8.60		0.00		0.00		
Travel Time (min)	**= 7.36**	**+**	**0.00**	**+**	**0.00**	**=**	**7.36**
Shallow Concentrated Flow							
Flow length (ft)	= 135.00		0.00		0.00		
Watercourse slope (%)	= 1.00		0.00		0.00		
Surface description	= Unpaved		Paved		Paved		
Average velocity (ft/s)	=1.61		0.00		0.00		
Travel Time (min)	**= 1.39**	**+**	**0.00**	**+**	**0.00**	**=**	**1.39**
Channel Flow							
X sectional flow area (sqft)	= 5.00		0.00		0.00		
Wetted perimeter (ft)	= 10.20		0.00		0.00		
Channel slope (%)	= 0.50		0.00		0.00		
Manning's n-value	= 0.025		0.015		0.015		
Velocity (ft/s)	=2.61						
			0.00				
					0.00		
Flow length (ft)	({0})347.0		0.0		0.0		
Travel Time (min)	**= 2.21**	**+**	**0.00**	**+**	**0.00**	**=**	**2.21**

Total Travel Time, Tc ..... 11.00 min

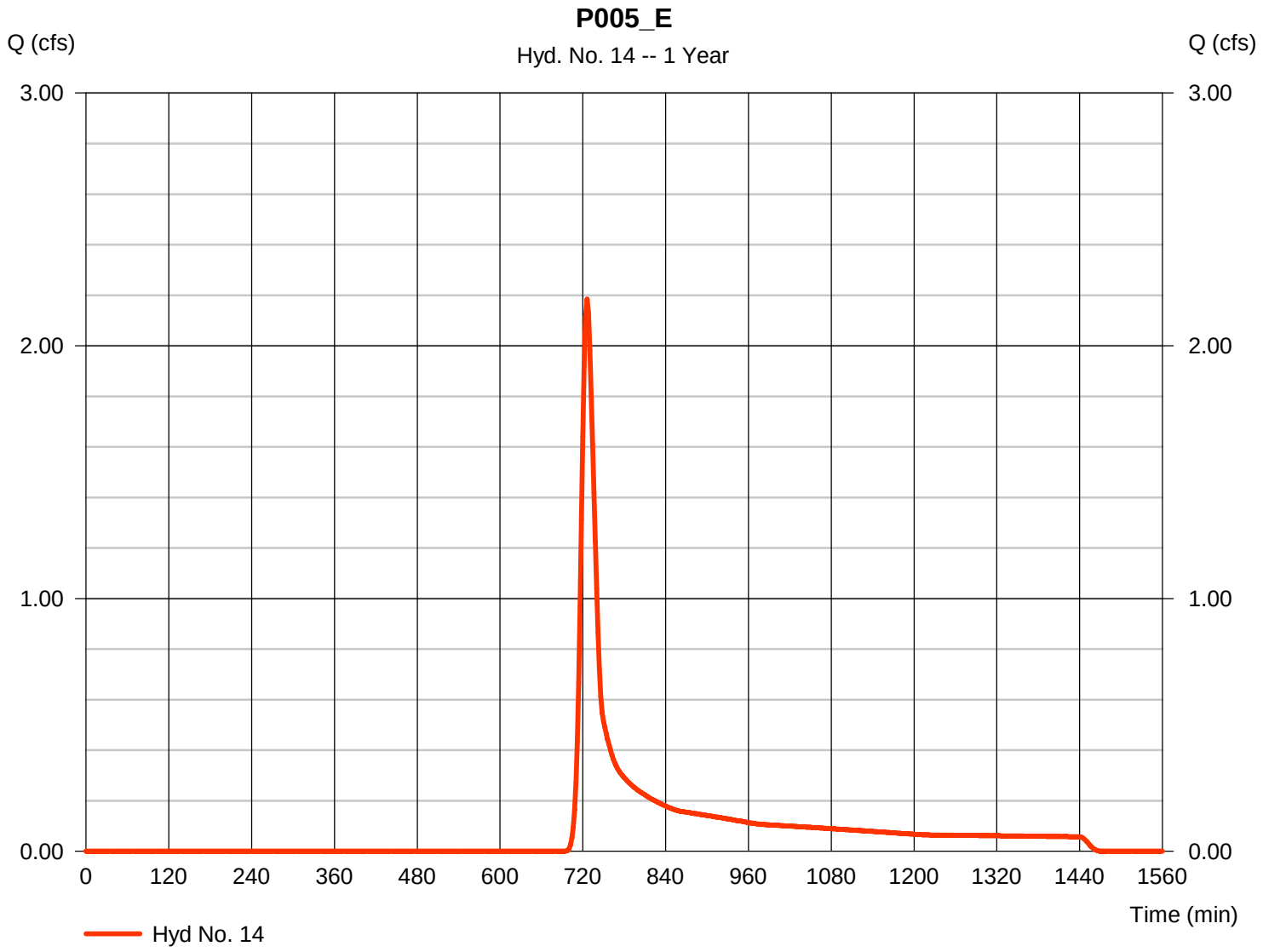
Hydrograph Report

Hyd. No. 14

P005_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.184 cfs
Storm frequency	=	1 yrs	Time to peak	=	726 min
Time interval	=	2 min	Hyd. volume	=	7,852 cuft
Drainage area	=	3.366 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	17.50 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.220 x 98) + (0.052 x 71) + (0.081 x 71) + (0.080 x 71)] / 3.366



TR55 Tc Worksheet

Hyd. No. 14

P005_E

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.150		0.011		0.011		
Flow length (ft)	= 129.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.38		0.00		0.00		
Land slope (%)	= 1.00		0.00		0.00		
Travel Time (min)	**= 15.42**	**+**	**0.00**	**+**	**0.00**	**=**	**15.42**
Shallow Concentrated Flow							
Flow length (ft)	= 200.00		0.00		0.00		
Watercourse slope (%)	= 1.00		0.00		0.00		
Surface description	= Paved		Paved		Paved		
Average velocity (ft/s)	=2.03		0.00		0.00		
Travel Time (min)	**= 1.64**	**+**	**0.00**	**+**	**0.00**	**=**	**1.64**
Channel Flow							
X sectional flow area (sqft)	= 3.14		0.00		0.00		
Wetted perimeter (ft)	= 6.28		0.00		0.00		
Channel slope (%)	= 0.60		0.00		0.00		
Manning's n-value	= 0.015		0.015		0.015		
Velocity (ft/s)	=4.84						
			0.00				
					0.00		
Flow length (ft)	({0})117.0		0.0		0.0		
Travel Time (min)	**= 0.40**	**+**	**0.00**	**+**	**0.00**	**=**	**0.40**

Total Travel Time, Tc ..... 17.50 min

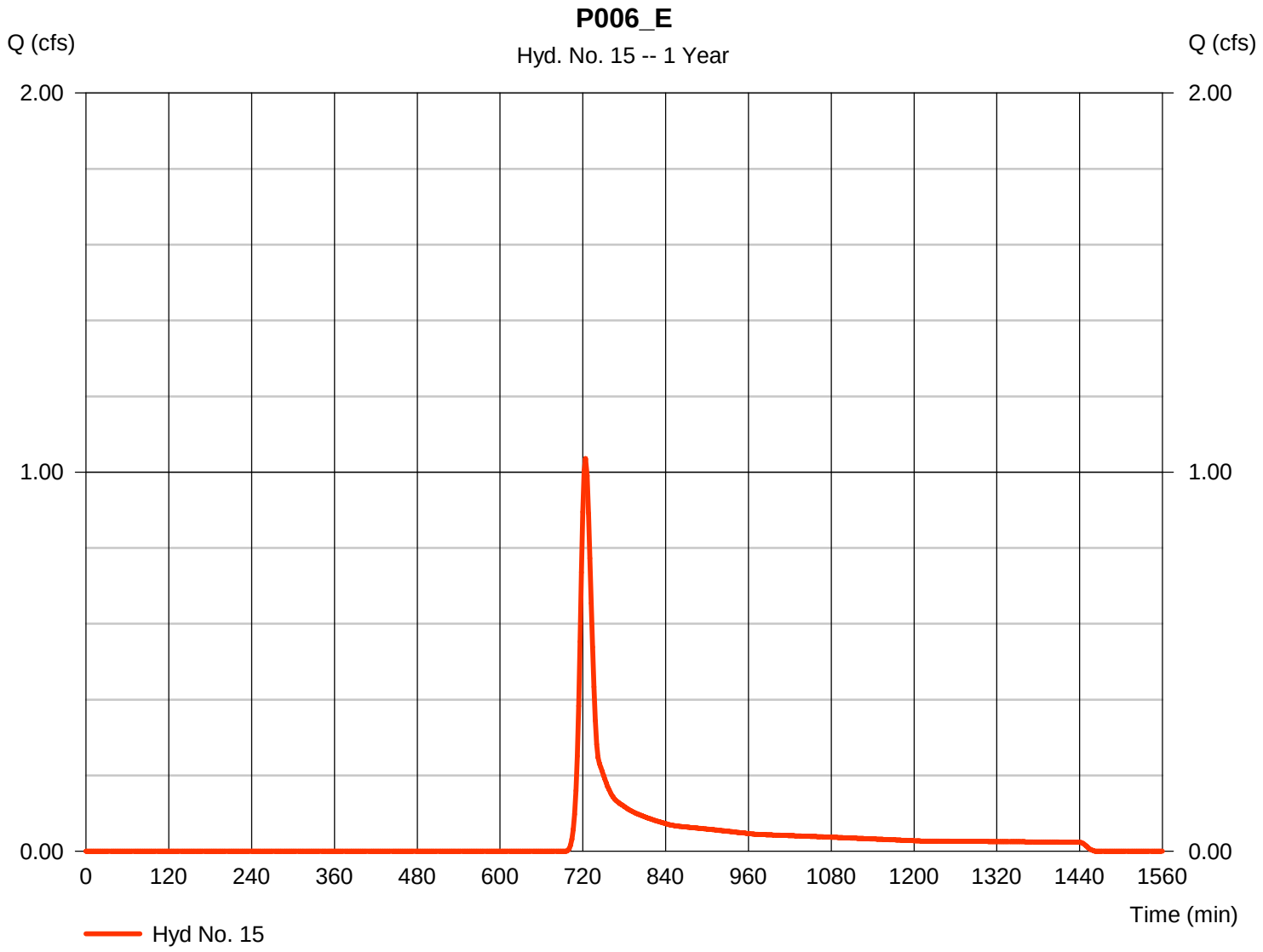
Hydrograph Report

Hyd. No. 15

P006_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.036 cfs
Storm frequency	=	1 yrs	Time to peak	=	724 min
Time interval	=	2 min	Hyd. volume	=	3,269 cuft
Drainage area	=	1.437 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	16.20 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.783 x 98) + (0.059 x 71) + (0.144 x 71) + (0.107 x 71)] / 1.437



TR55 Tc Worksheet

Hyd. No. 15

P006_E

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.150		0.011		0.011		
Flow length (ft)	= 114.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.38		0.00		0.00		
Land slope (%)	= 1.00		0.00		0.00		
Travel Time (min)	**= 13.97**	**+**	**0.00**	**+**	**0.00**	**=**	**13.97**
Shallow Concentrated Flow							
Flow length (ft)	= 153.00		0.00		0.00		
Watercourse slope (%)	= 1.00		0.00		0.00		
Surface description	= Unpaved		Paved		Paved		
Average velocity (ft/s)	=1.61		0.00		0.00		
Travel Time (min)	**= 1.58**	**+**	**0.00**	**+**	**0.00**	**=**	**1.58**
Channel Flow							
X sectional flow area (sqft)	= 5.00		0.00		0.00		
Wetted perimeter (ft)	= 10.20		0.00		0.00		
Channel slope (%)	= 0.50		0.00		0.00		
Manning's n-value	= 0.025		0.015		0.015		
Velocity (ft/s)	=2.61						
			0.00				
					0.00		
Flow length (ft)	({0})95.0		0.0		0.0		
Travel Time (min)	**= 0.61**	**+**	**0.00**	**+**	**0.00**	**=**	**0.61**

Total Travel Time, Tc ..... 16.20 min

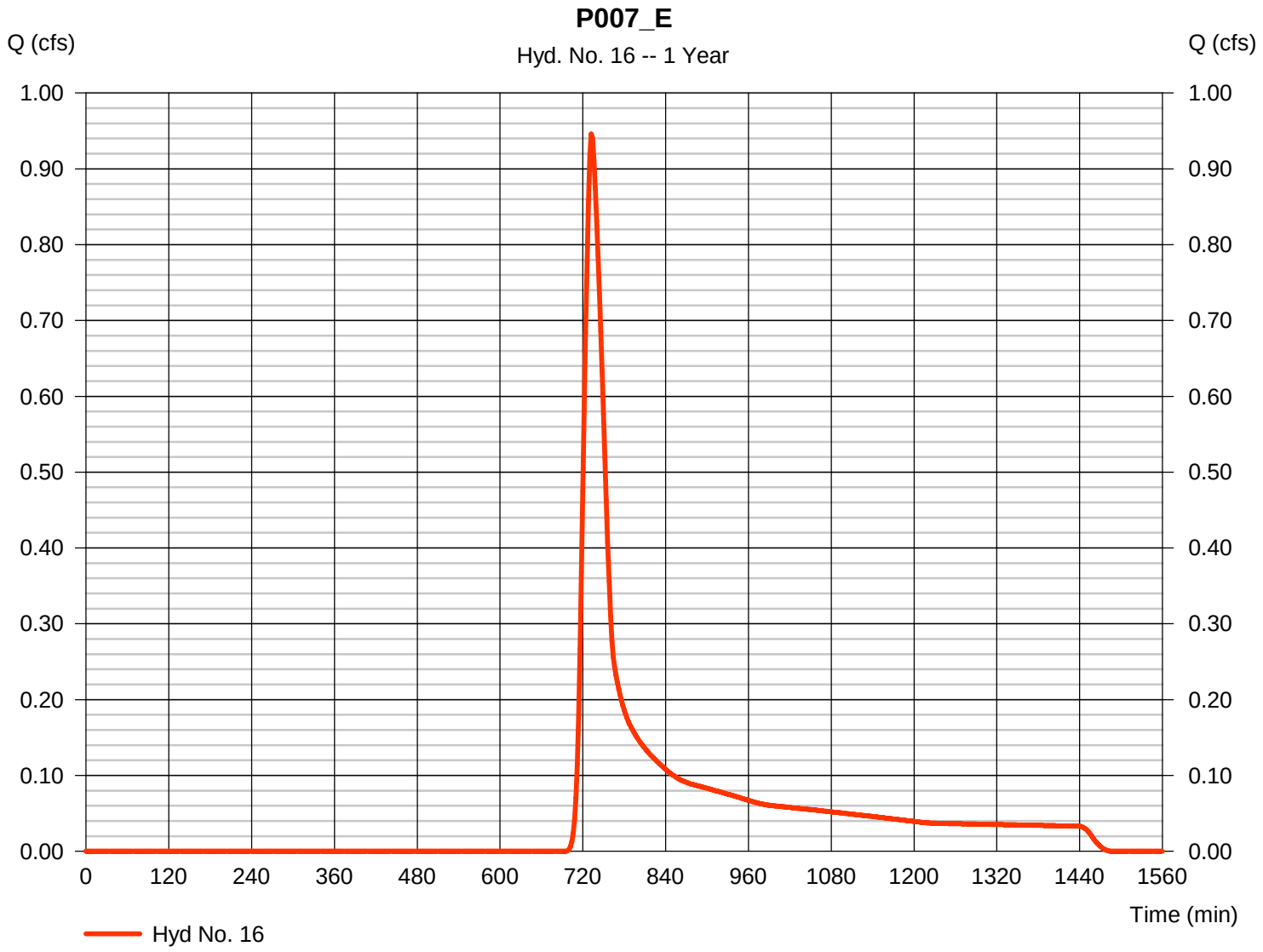
Hydrograph Report

Hyd. No. 16

P007_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.946 cfs
Storm frequency	=	1 yrs	Time to peak	=	732 min
Time interval	=	2 min	Hyd. volume	=	4,502 cuft
Drainage area	=	1.930 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	28.30 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.655 x 71) + (0.623 x 98)] / 1.930



TR55 Tc Worksheet

Hyd. No. 16

P007_E

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.150		0.011		0.011		
Flow length (ft)	= 109.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.38		0.00		0.00		
Land slope (%)	= 0.20		0.00		0.00		
Travel Time (min)	**= 25.66**	**+**	**0.00**	**+**	**0.00**	**=**	**25.66**
Shallow Concentrated Flow							
Flow length (ft)	= 54.00		0.00		0.00		
Watercourse slope (%)	= 0.20		0.00		0.00		
Surface description	= Unpaved		Paved		Paved		
Average velocity (ft/s)	=0.72		0.00		0.00		
Travel Time (min)	**= 1.25**	**+**	**0.00**	**+**	**0.00**	**=**	**1.25**
Channel Flow							
X sectional flow area (sqft)	= 5.00		0.00		0.00		
Wetted perimeter (ft)	= 10.20		0.00		0.00		
Channel slope (%)	= 0.70		0.00		0.00		
Manning's n-value	= 0.025		0.015		0.015		
Velocity (ft/s)	=3.09						
			0.00				
					0.00		
Flow length (ft)	({0})268.0		0.0		0.0		
Travel Time (min)	**= 1.44**	**+**	**0.00**	**+**	**0.00**	**=**	**1.44**

Total Travel Time, Tc ..... 28.30 min

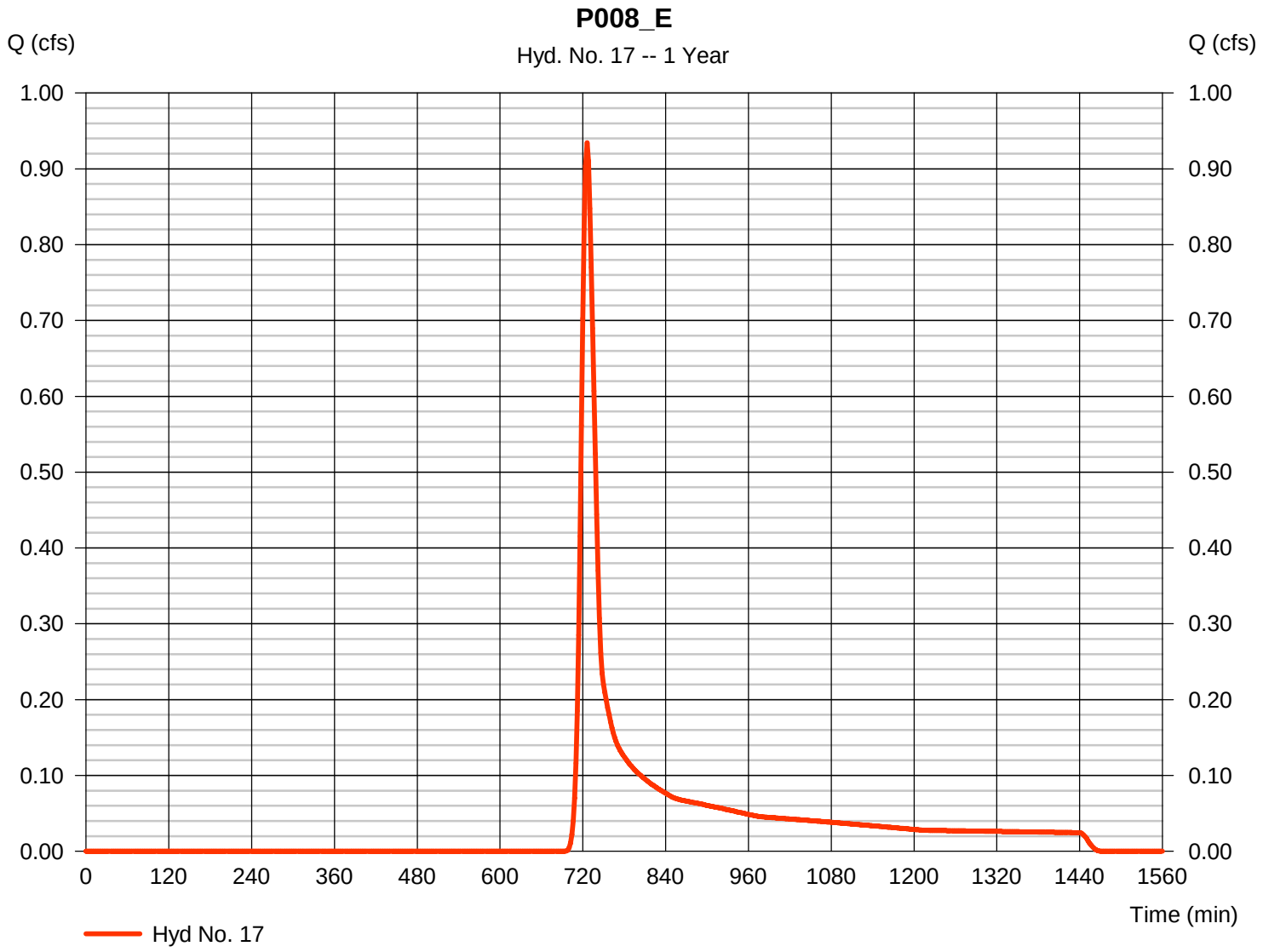
Hydrograph Report

Hyd. No. 17

P008_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.934 cfs
Storm frequency	=	1 yrs	Time to peak	=	726 min
Time interval	=	2 min	Hyd. volume	=	3,359 cuft
Drainage area	=	1.440 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	19.00 min
Total precip.	=	2.79 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.736 x 98) + (0.681 x 71)] / 1.440



TR55 Tc Worksheet

Hyd. No. 17

P008_E

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.150		0.011		0.011		
Flow length (ft)	= 150.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.38		0.00		0.00		
Land slope (%)	= 1.00		0.00		0.00		
Travel Time (min)	**= 17.40**	**+**	**0.00**	**+**	**0.00**	**=**	**17.40**
Shallow Concentrated Flow							
Flow length (ft)	= 113.00		0.00		0.00		
Watercourse slope (%)	= 1.00		0.00		0.00		
Surface description	= Unpaved		Paved		Paved		
Average velocity (ft/s)	=1.61		0.00		0.00		
Travel Time (min)	**= 1.17**	**+**	**0.00**	**+**	**0.00**	**=**	**1.17**
Channel Flow							
X sectional flow area (sqft)	= 1.23		0.00		0.00		
Wetted perimeter (ft)	= 3.93		0.00		0.00		
Channel slope (%)	= 0.80		0.00		0.00		
Manning's n-value	= 0.015		0.015		0.015		
Velocity (ft/s)	=4.08						
			0.00				
					0.00		
Flow length (ft)	({0})105.0		0.0		0.0		
Travel Time (min)	**= 0.43**	**+**	**0.00**	**+**	**0.00**	**=**	**0.43**

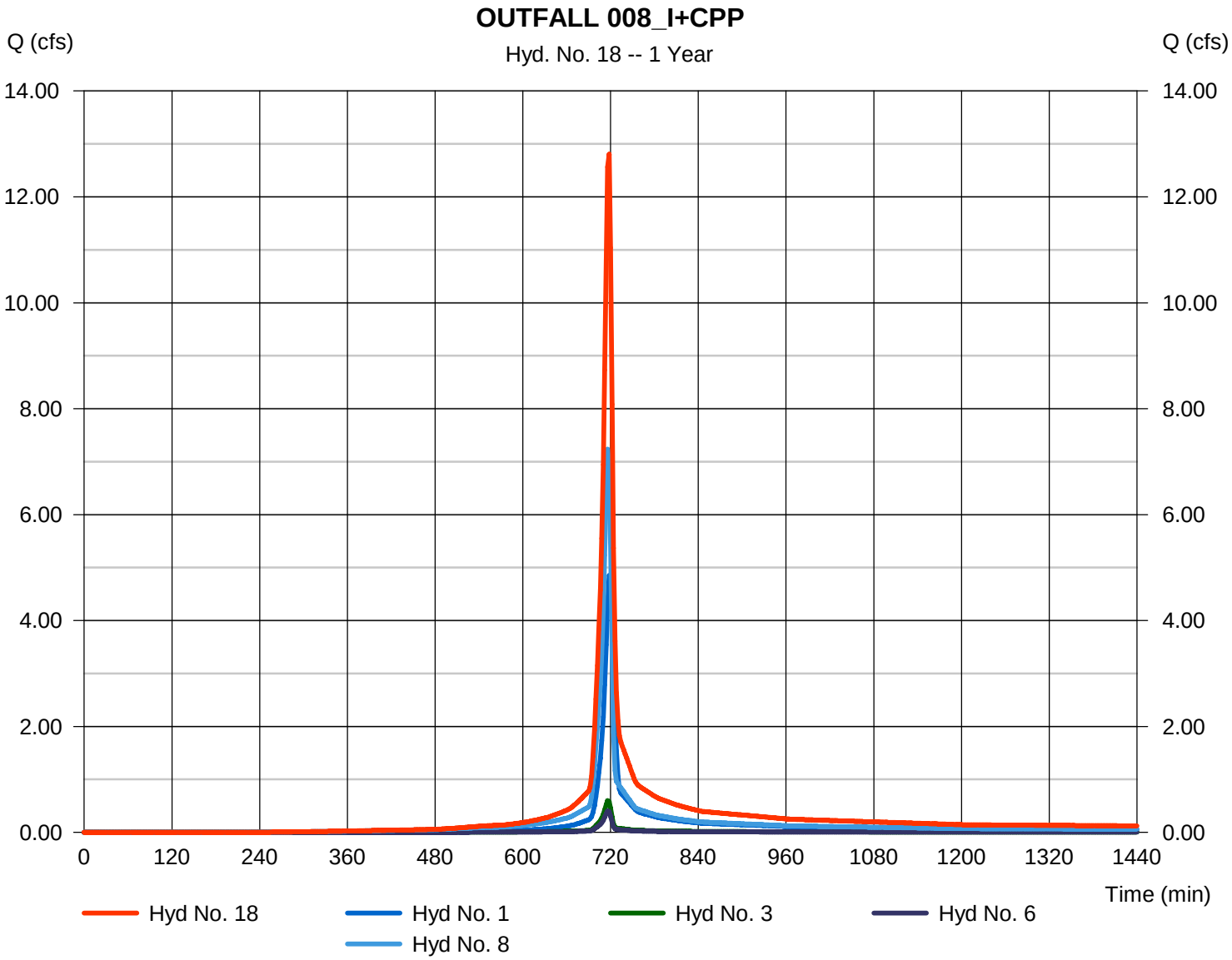
Total Travel Time, Tc ..... 19.00 min

Hydrograph Report

Hyd. No. 18

OUTFALL 008_I+CPP

Hydrograph type	=	Combine	Peak discharge	=	12.80 cfs
Storm frequency	=	1 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	28,682 cuft
Inflow hyds.	=	1, 3, 6, 8	Contrib. drain. area	=	4.493 ac

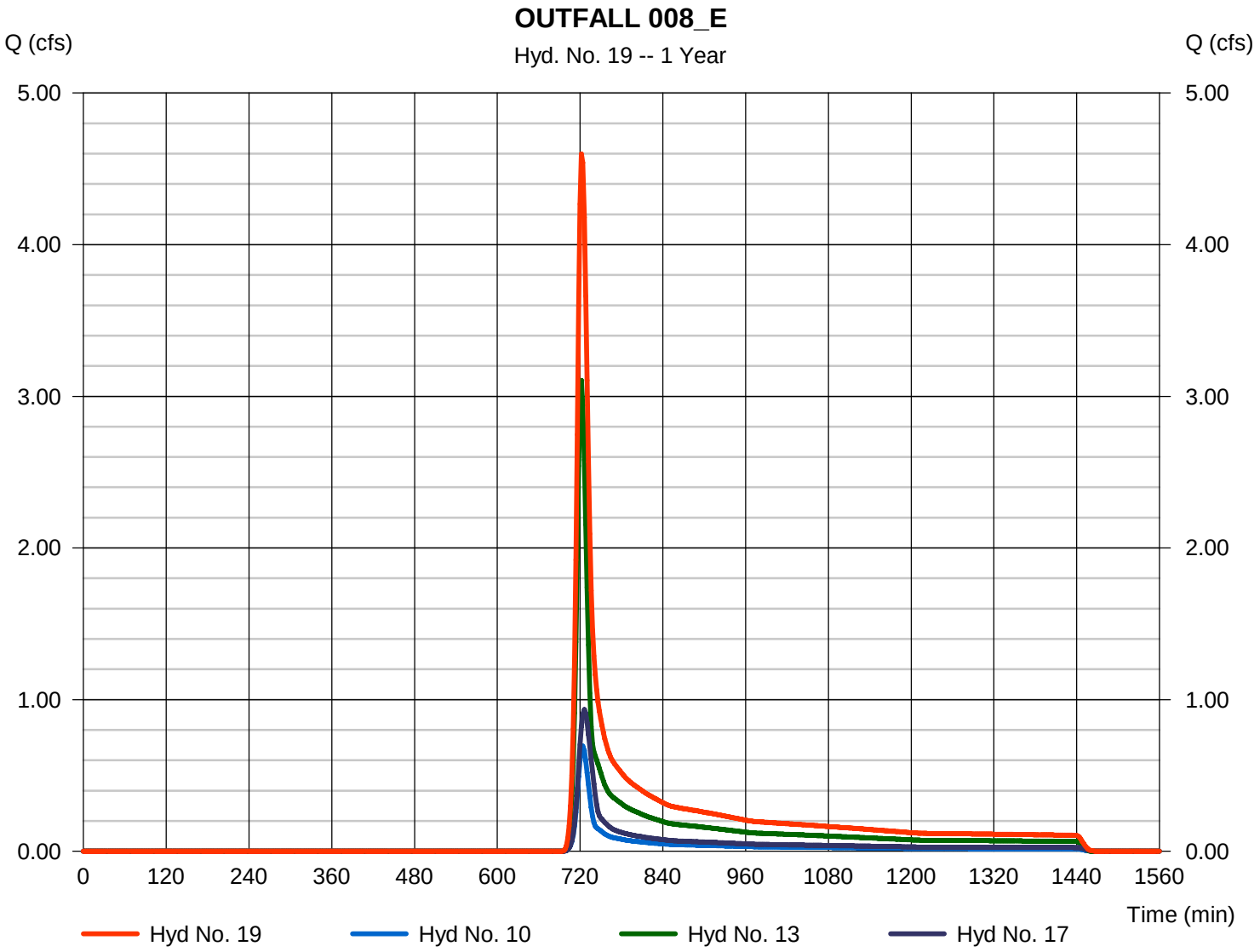


Hydrograph Report

Hyd. No. 19

OUTFALL 008_E

Hydrograph type	= Combine	Peak discharge	= 4.598 cfs
Storm frequency	= 1 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 14,439 cuft
Inflow hyds.	= 10, 13, 17	Contrib. drain. area	= 6.098 ac

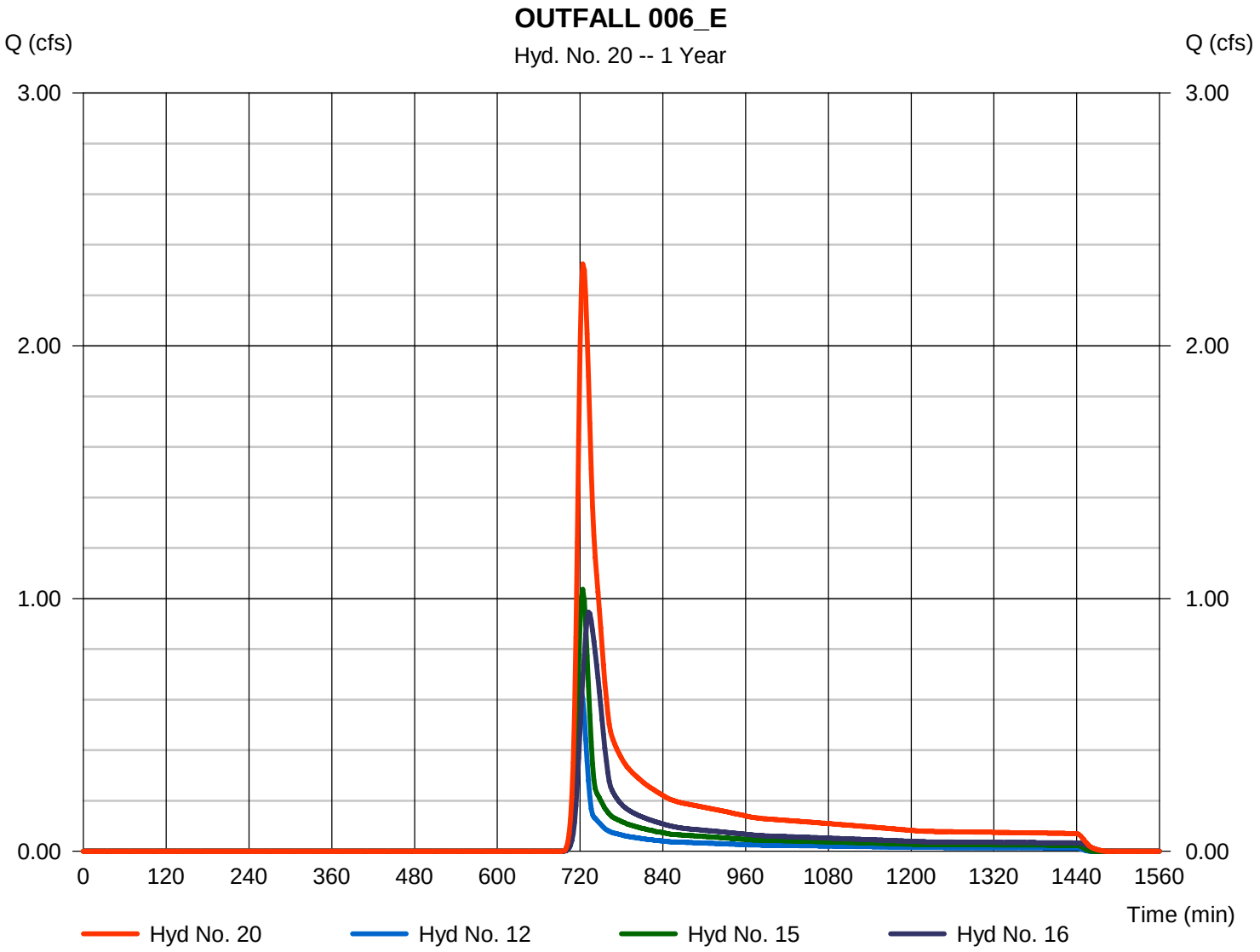


Hydrograph Report

Hyd. No. 20

OUTFALL 006_E

Hydrograph type	= Combine	Peak discharge	= 2.324 cfs
Storm frequency	= 1 yrs	Time to peak	= 724 min
Time interval	= 2 min	Hyd. volume	= 9,597 cuft
Inflow hyds.	= 12, 15, 16	Contrib. drain. area	= 4.126 ac

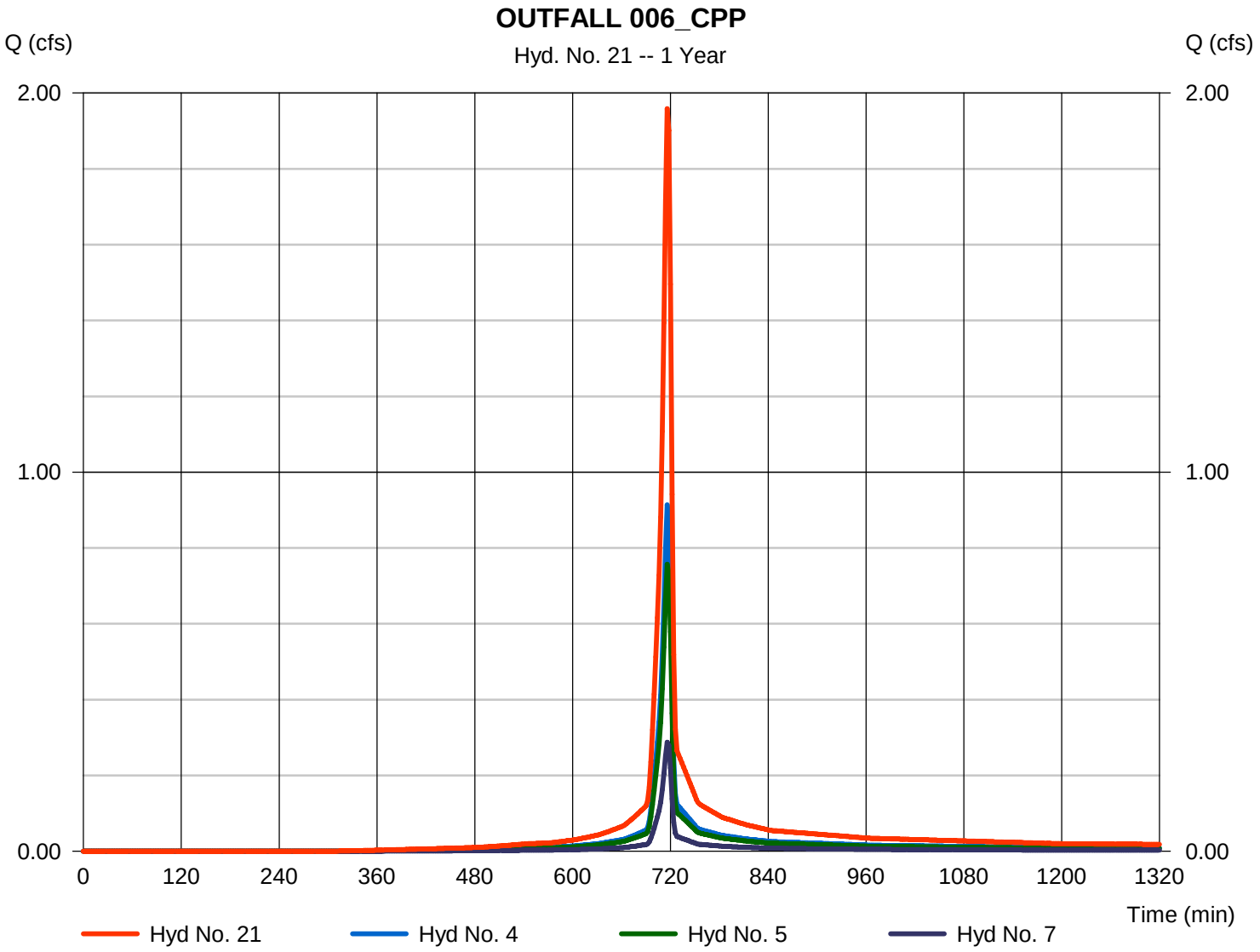


Hydrograph Report

Hyd. No. 21

OUTFALL 006_CPP

Hydrograph type	= Combine	Peak discharge	= 1.959 cfs
Storm frequency	= 1 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 4,096 cuft
Inflow hyds.	= 4, 5, 7	Contrib. drain. area	= 0.613 ac

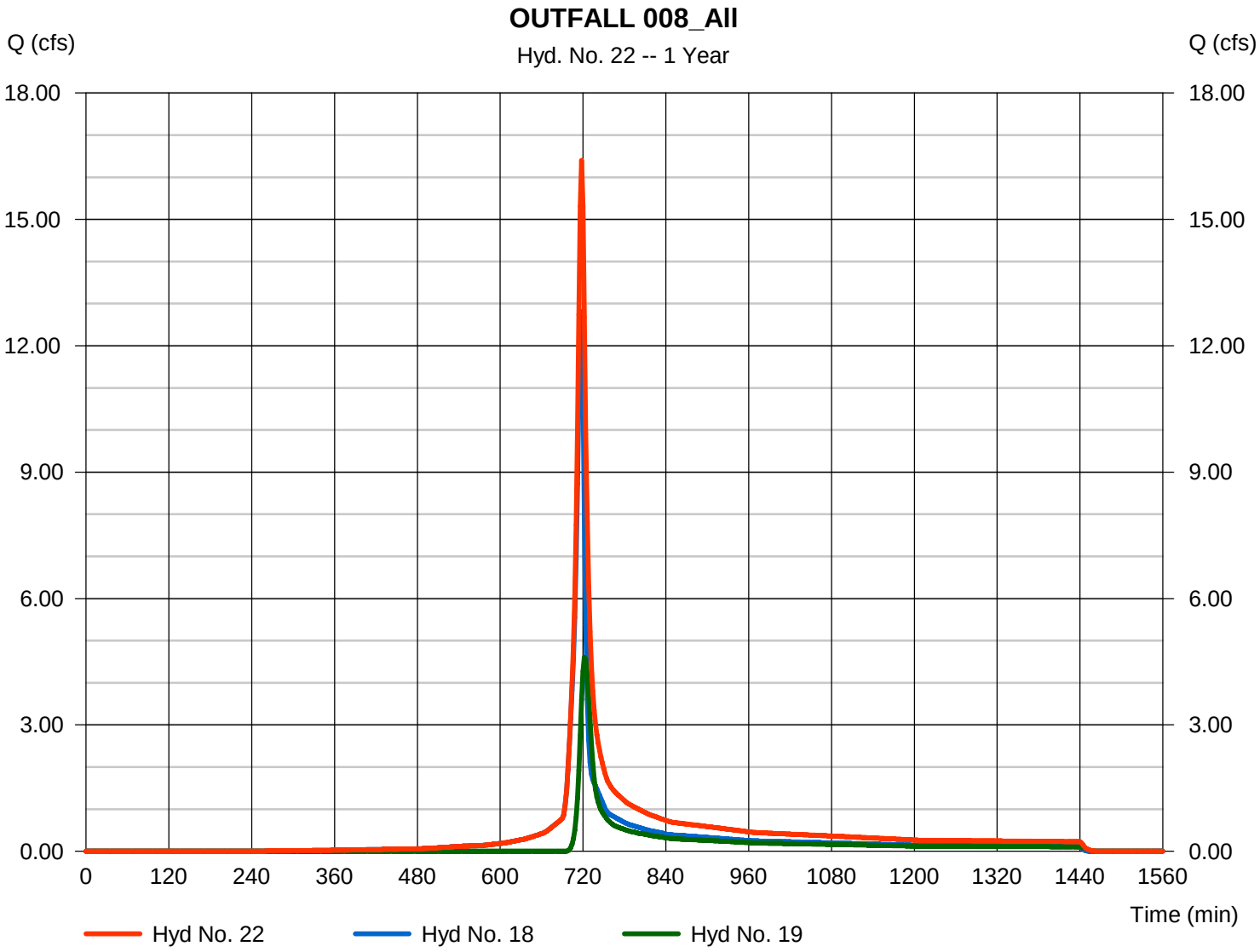


Hydrograph Report

Hyd. No. 22

OUTFALL 008_All

Hydrograph type	= Combine	Peak discharge	= 16.40 cfs
Storm frequency	= 1 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 43,121 cuft
Inflow hyds.	= 18, 19	Contrib. drain. area	= 0.000 ac

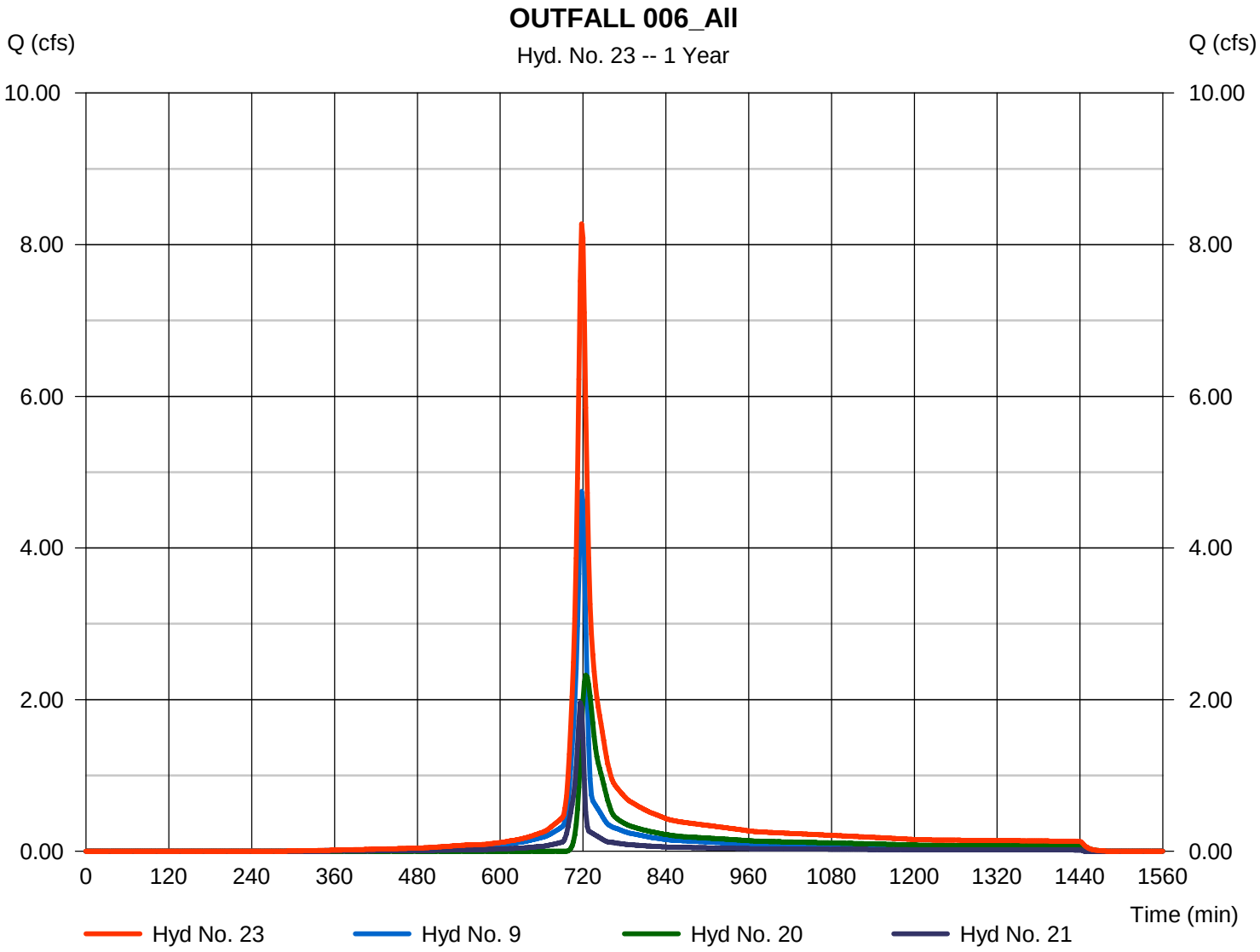


Hydrograph Report

Hyd. No. 23

OUTFALL 006_All

Hydrograph type	= Combine	Peak discharge	= 8.273 cfs
Storm frequency	= 1 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 24,950 cuft
Inflow hyds.	= 9, 20, 21	Contrib. drain. area	= 1.510 ac

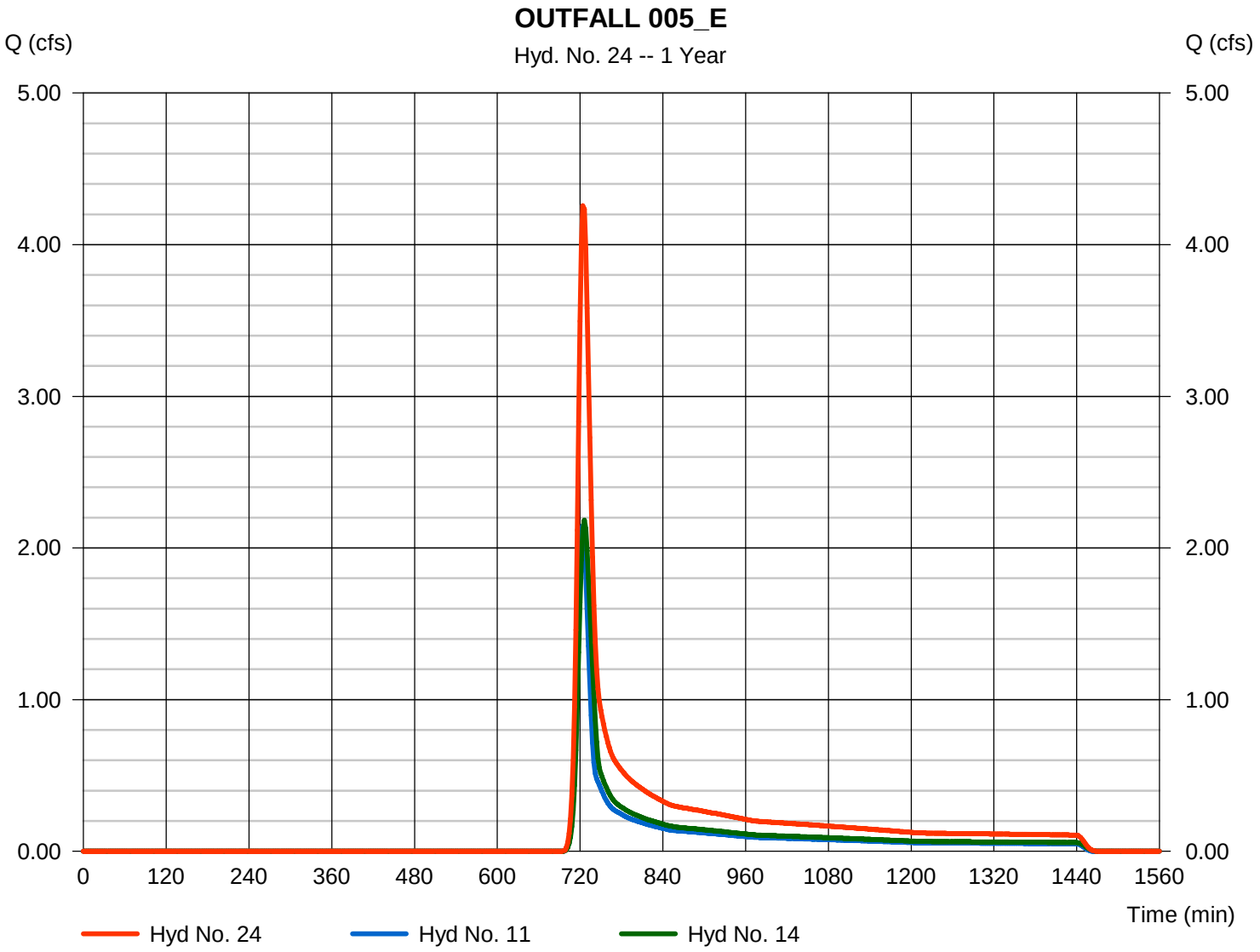


Hydrograph Report

Hyd. No. 24

OUTFALL 005_E

Hydrograph type	= Combine	Peak discharge	= 4.257 cfs
Storm frequency	= 1 yrs	Time to peak	= 724 min
Time interval	= 2 min	Hyd. volume	= 14,619 cuft
Inflow hyds.	= 11, 14	Contrib. drain. area	= 6.341 ac

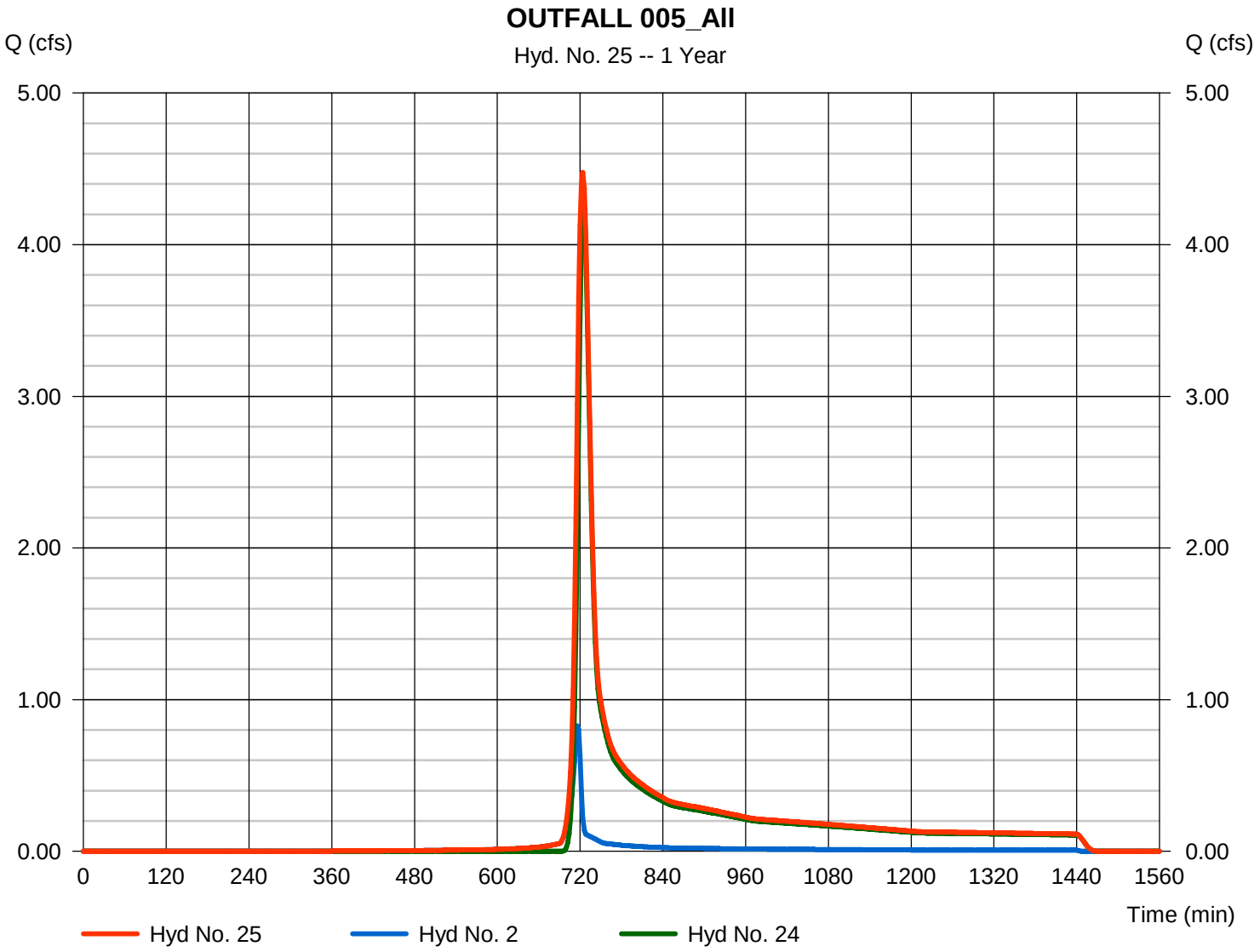


Hydrograph Report

Hyd. No. 25

OUTFALL 005_All

Hydrograph type	= Combine	Peak discharge	= 4.477 cfs
Storm frequency	= 1 yrs	Time to peak	= 724 min
Time interval	= 2 min	Hyd. volume	= 16,350 cuft
Inflow hyds.	= 2, 24	Contrib. drain. area	= 0.259 ac



Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	6.481	2	718	14,899	------	------	------	001_I
2	SCS Runoff	1.048	2	716	2,223	------	------	------	004_CPP
3	SCS Runoff	0.757	2	716	1,605	------	------	------	005_CPP
4	SCS Runoff	1.157	2	716	2,455	------	------	------	006_CPP
5	SCS Runoff	0.959	2	716	2,034	------	------	------	007_CPP
6	SCS Runoff	0.510	2	716	1,081	------	------	------	008_CPP
7	SCS Runoff	0.364	2	716	772	------	------	------	009_CPP
8	SCS Runoff	9.026	2	716	19,615	------	------	------	002_I
9	SCS Runoff	5.970	2	718	14,356	------	------	------	003_Ti
10	SCS Runoff	1.131	2	724	3,368	------	------	------	P001_E
11	SCS Runoff	3.495	2	724	10,405	------	------	------	P002_E
12	SCS Runoff	1.035	2	722	2,808	------	------	------	P003_E
13	SCS Runoff	5.037	2	722	13,669	------	------	------	P004_E
14	SCS Runoff	3.596	2	726	12,075	------	------	------	P005_E
15	SCS Runoff	1.688	2	724	5,026	------	------	------	P006_E
16	SCS Runoff	1.581	2	732	6,924	------	------	------	P007_E
17	SCS Runoff	1.538	2	726	5,166	------	------	------	P008_E
18	Combine	16.39	2	718	37,201	1, 3, 6, 8,	------	------	OUTFALL 008_I+CPP
19	Combine	7.559	2	722	22,203	10, 13, 17,	------	------	OUTFALL 008_E
20	Combine	3.875	2	724	14,758	12, 15, 16,	------	------	OUTFALL 006_E
21	Combine	2.480	2	716	5,261	4, 5, 7,	------	------	OUTFALL 006_CPP
22	Combine	22.62	2	718	59,404	18, 19,	------	------	OUTFALL 008_All
23	Combine	11.28	2	718	34,375	9, 20, 21,	------	------	OUTFALL 006_All
24	Combine	7.033	2	724	22,480	11, 14,	------	------	OUTFALL 005_E
25	Combine	7.308	2	724	24,703	2, 24	------	------	OUTFALL 005_All

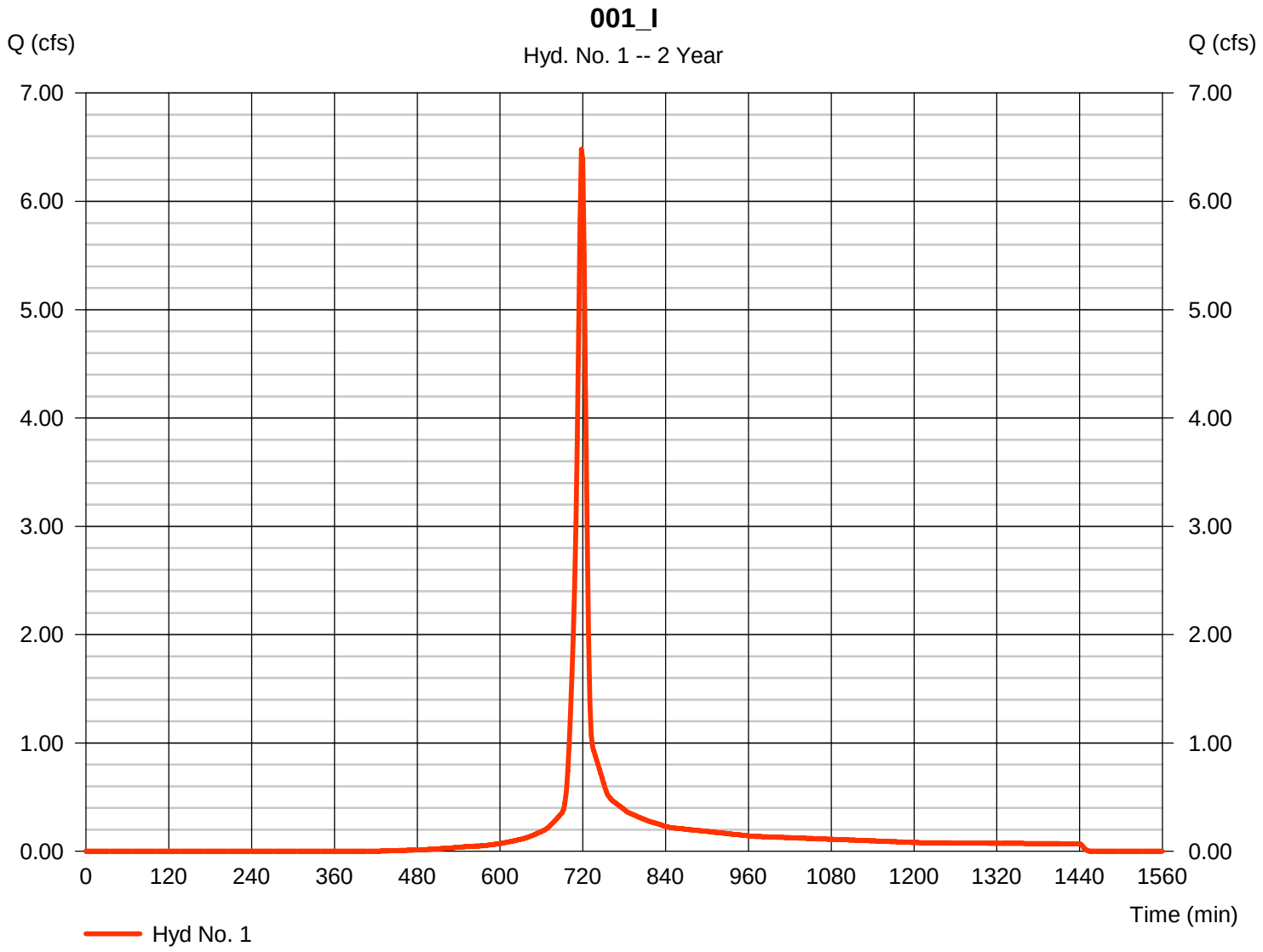
Hydrograph Report

Hyd. No. 1

001_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	6.481 cfs
Storm frequency	=	2 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	14,899 cuft
Drainage area	=	2.060 ac	Curve number	=	86*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	7.20 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.140 x 98) + (0.860 x 71) + (0.060 x 71)] / 2.060

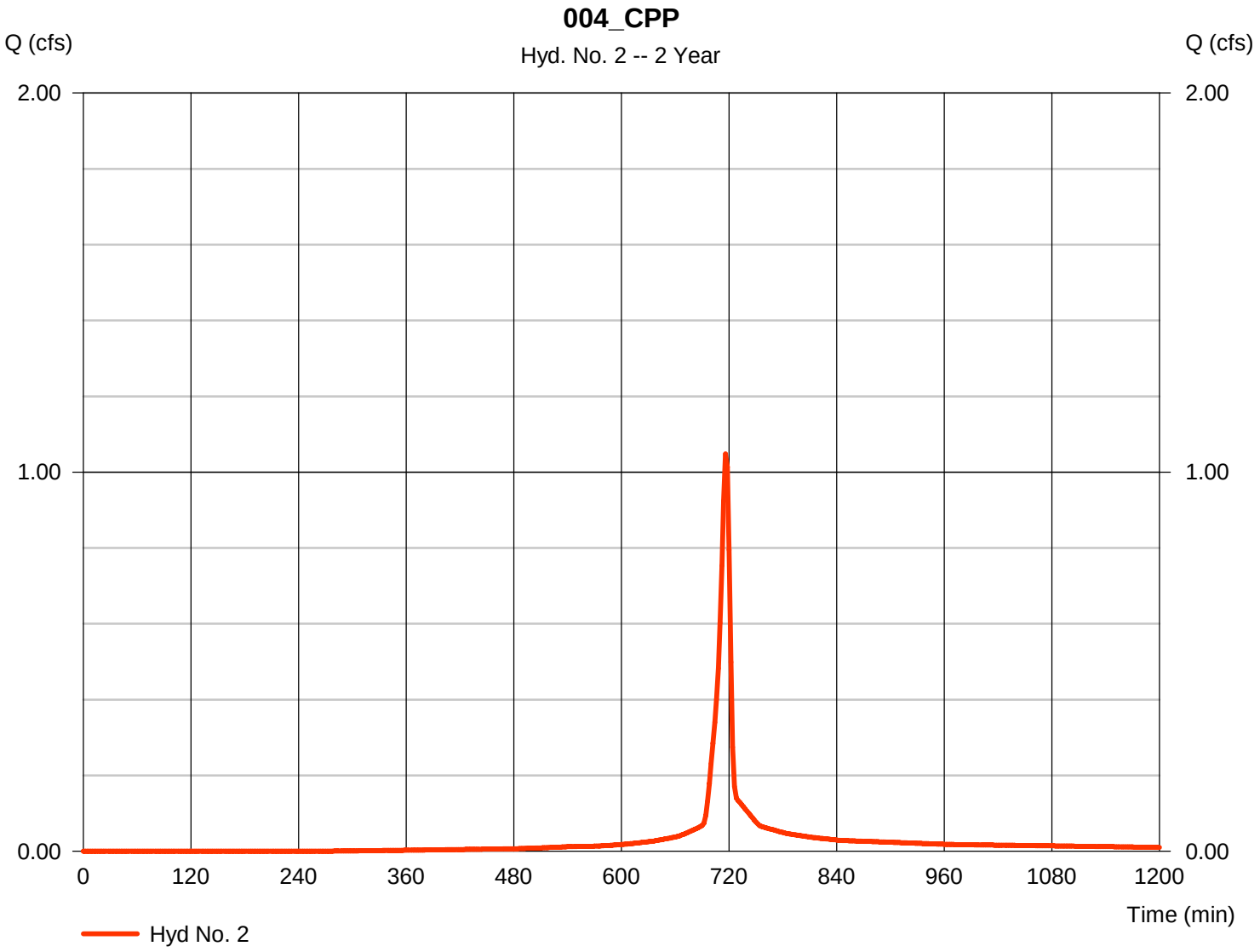


Hydrograph Report

Hyd. No. 2

004_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.048 cfs
Storm frequency	=	2 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	2,223 cuft
Drainage area	=	0.259 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

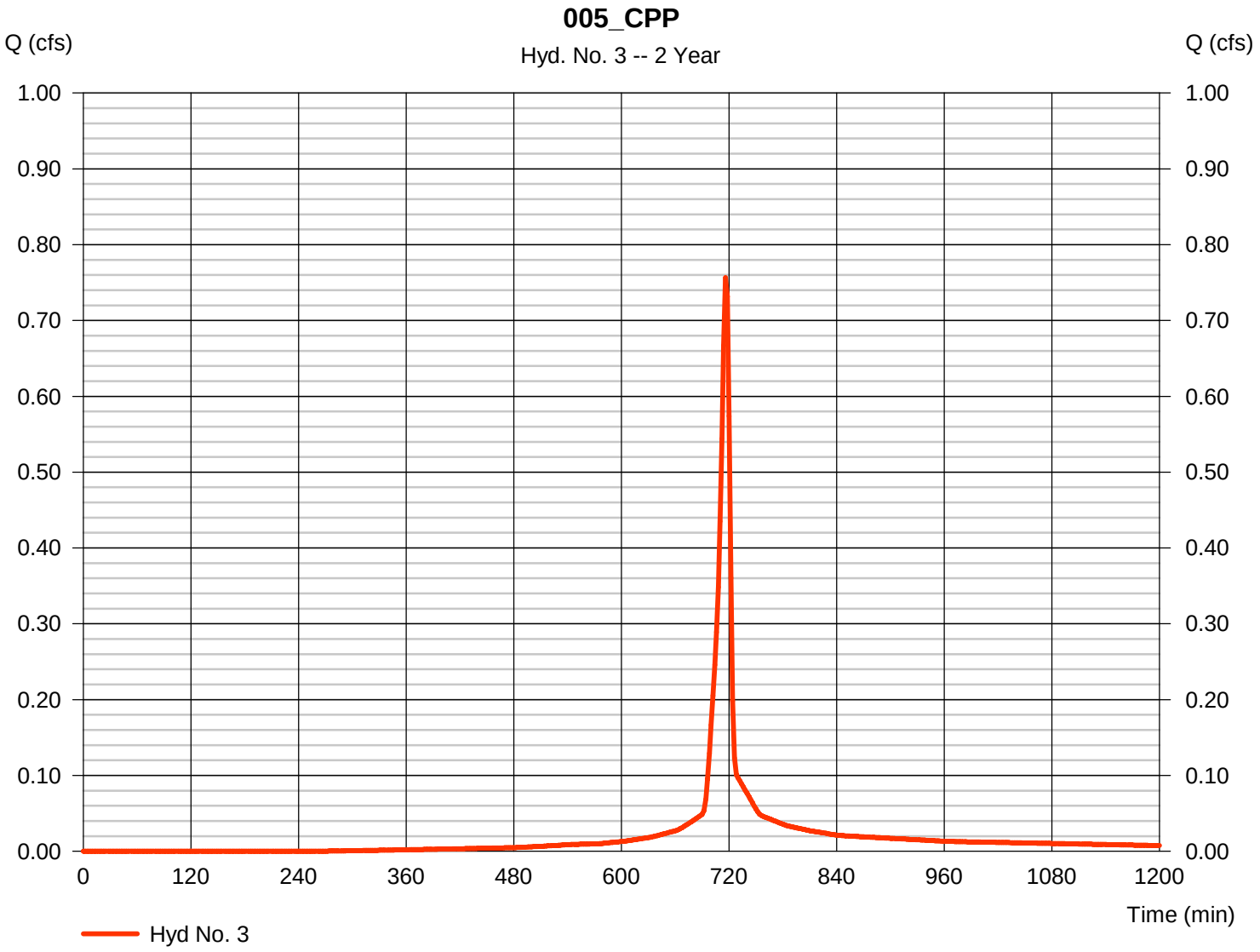


Hydrograph Report

Hyd. No. 3

005_CPP

Hydrograph type	= SCS Runoff	Peak discharge	= 0.757 cfs
Storm frequency	= 2 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 1,605 cuft
Drainage area	= 0.187 ac	Curve number	= 92
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 6.00 min
Total precip.	= 3.38 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

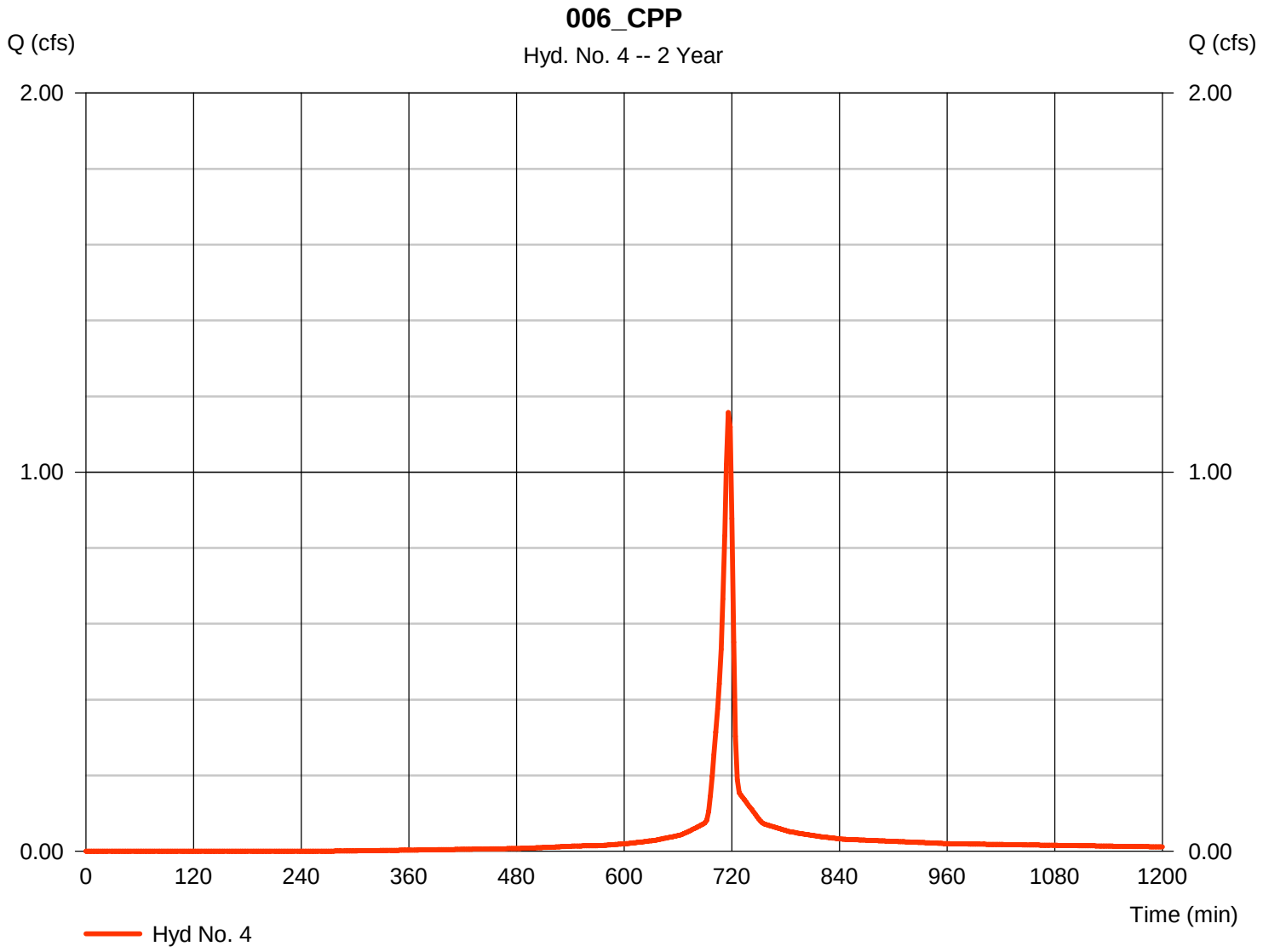


Hydrograph Report

Hyd. No. 4

006_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.157 cfs
Storm frequency	=	2 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	2,455 cuft
Drainage area	=	0.286 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

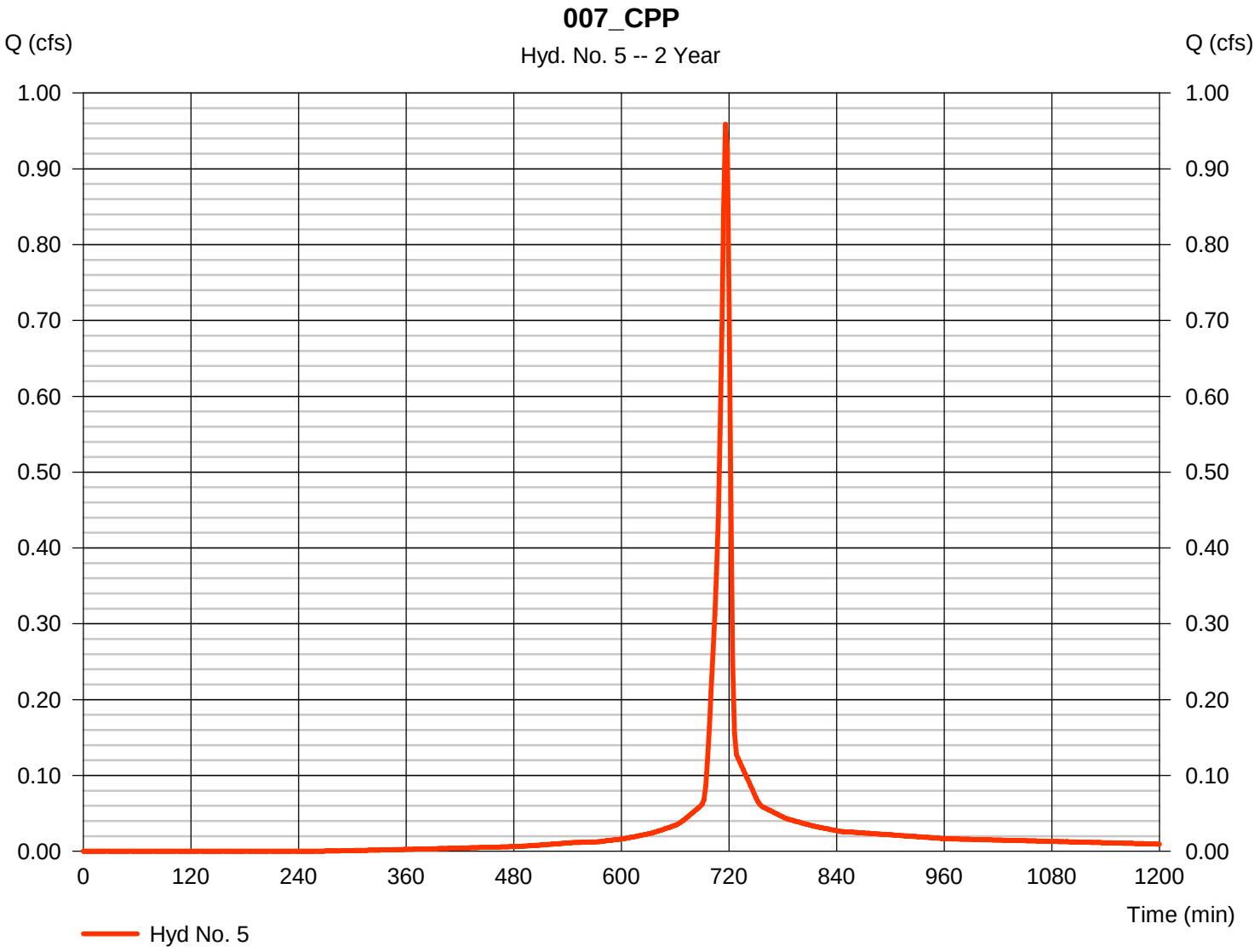


Hydrograph Report

Hyd. No. 5

007_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.959 cfs
Storm frequency	=	2 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	2,034 cuft
Drainage area	=	0.237 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

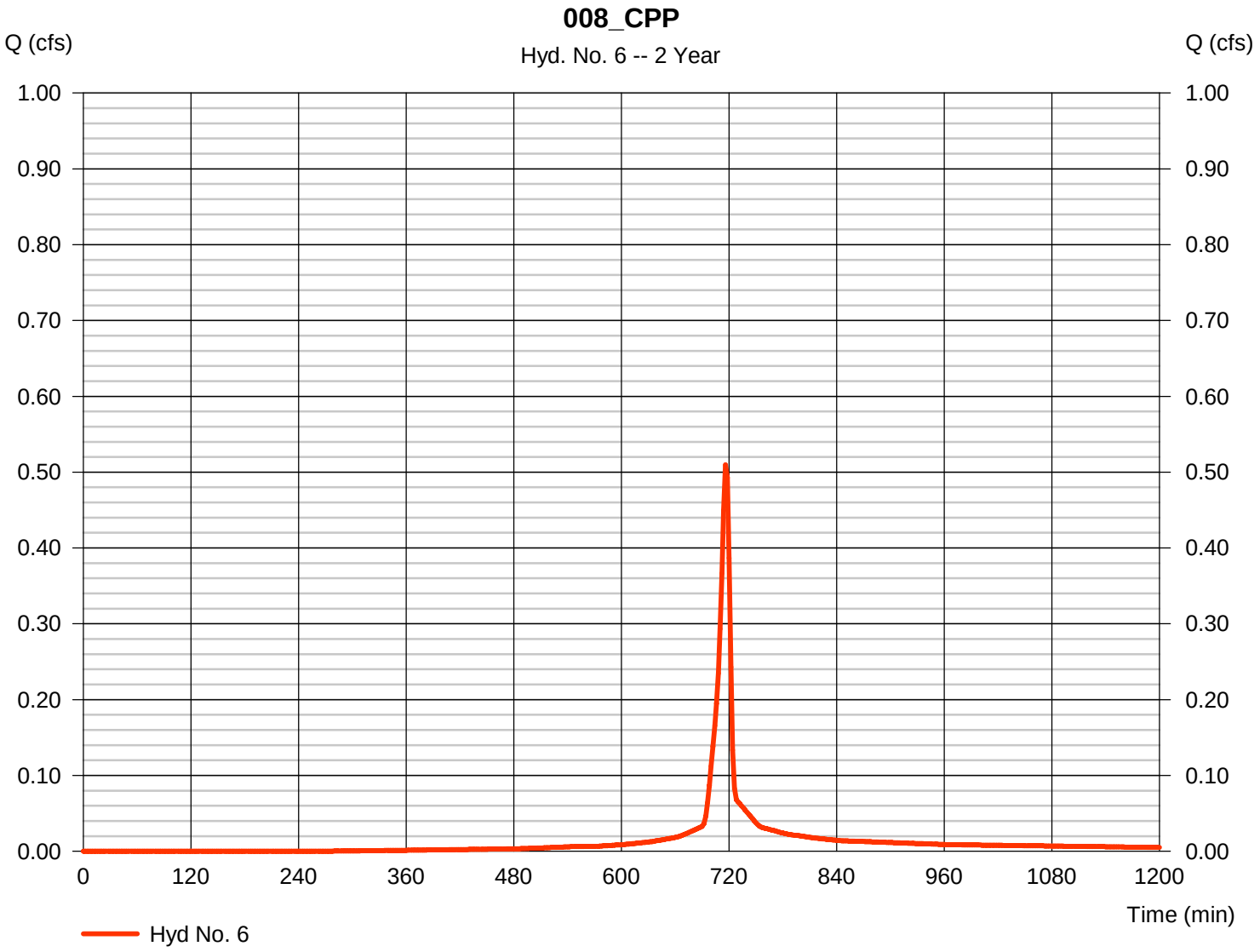


Hydrograph Report

Hyd. No. 6

008_CPP

Hydrograph type	= SCS Runoff	Peak discharge	= 0.510 cfs
Storm frequency	= 2 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 1,081 cuft
Drainage area	= 0.126 ac	Curve number	= 92
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 6.00 min
Total precip.	= 3.38 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

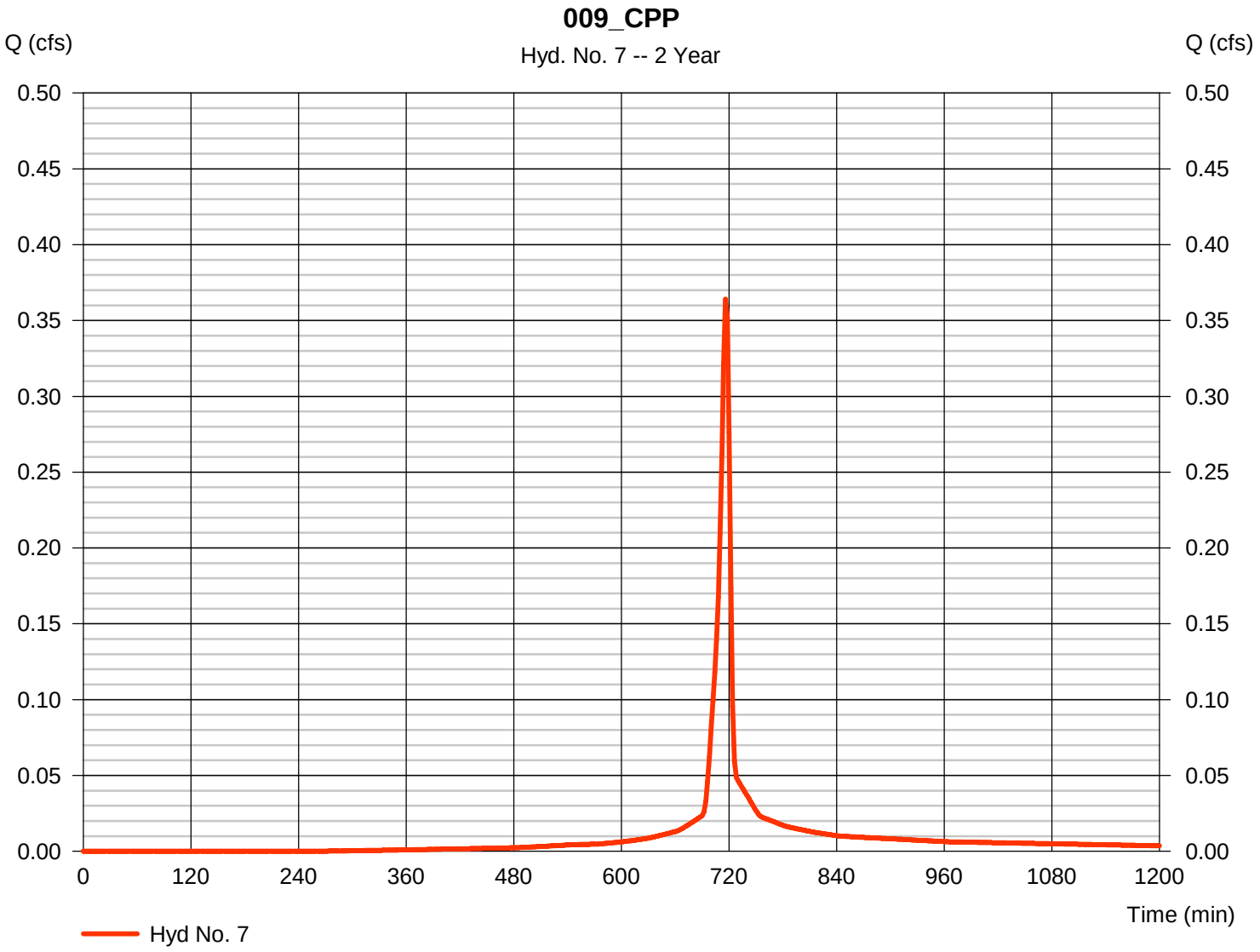


Hydrograph Report

Hyd. No. 7

009_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.364 cfs
Storm frequency	=	2 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	772 cuft
Drainage area	=	0.090 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484



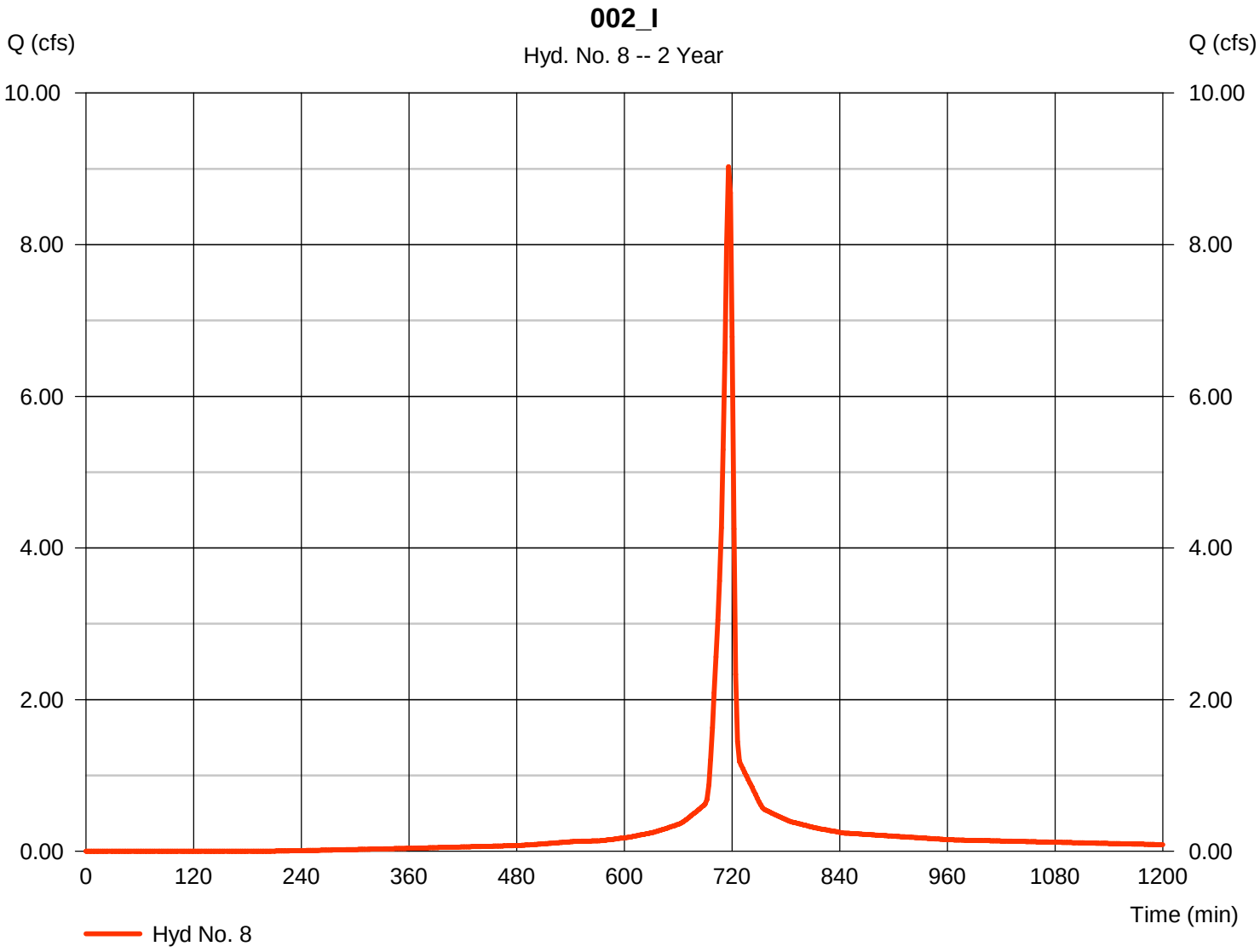
Hydrograph Report

Hyd. No. 8

002_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	9.026 cfs
Storm frequency	=	2 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	19,615 cuft
Drainage area	=	2.120 ac	Curve number	=	94*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.802 x 98) + (0.192 x 71) + (0.125 x 71)] / 2.120



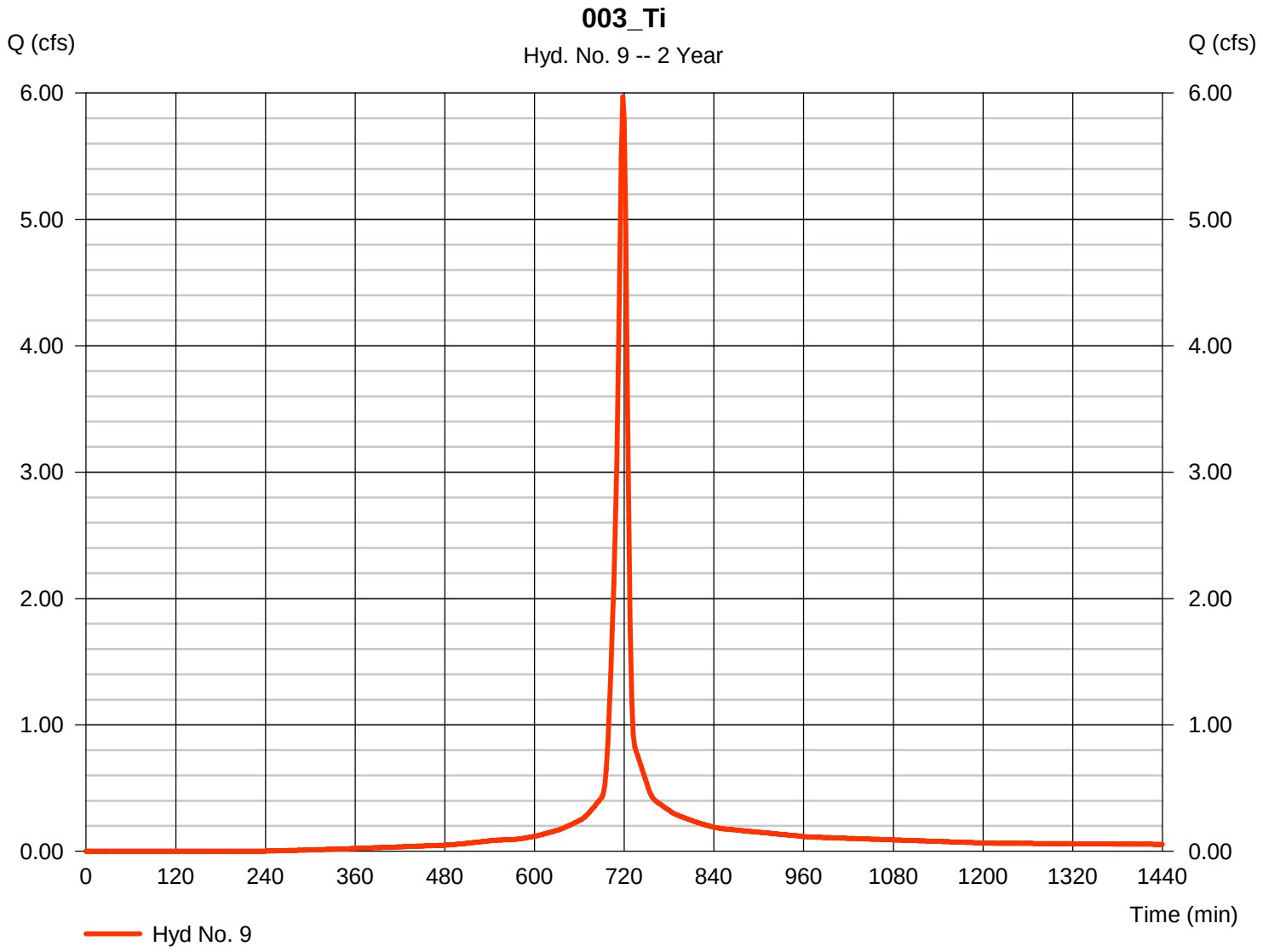
Hydrograph Report

Hyd. No. 9

003_Ti

Hydrograph type	=	SCS Runoff	Peak discharge	=	5.970 cfs
Storm frequency	=	2 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	14,356 cuft
Drainage area	=	1.510 ac	Curve number	=	93*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	9.20 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.228 x 98) + (0.234 x 71) + (0.049 x 71)] / 1.510

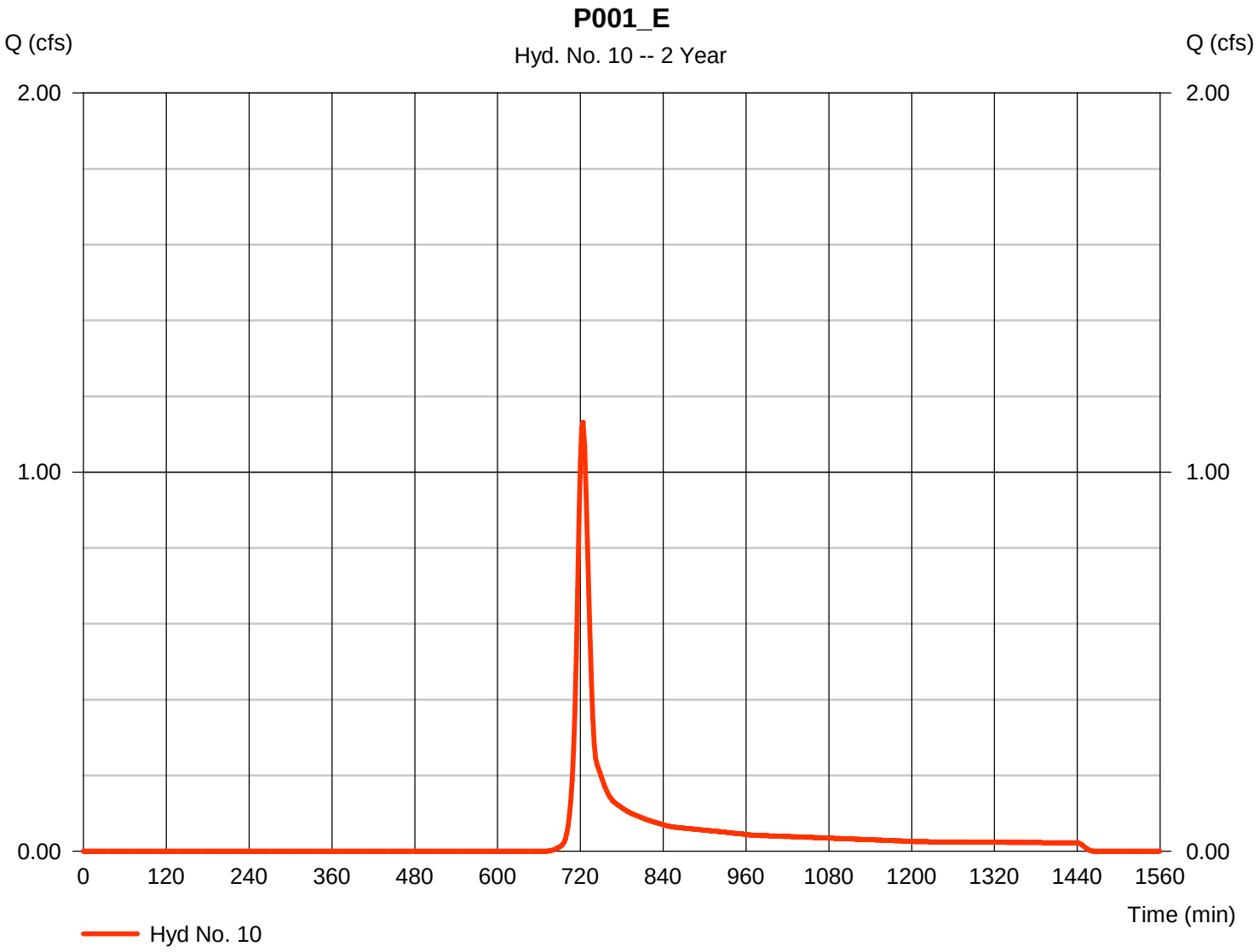


Hydrograph Report

Hyd. No. 10

P001_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.131 cfs
Storm frequency	=	2 yrs	Time to peak	=	724 min
Time interval	=	2 min	Hyd. volume	=	3,368 cuft
Drainage area	=	0.963 ac	Curve number	=	71
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	14.00 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484



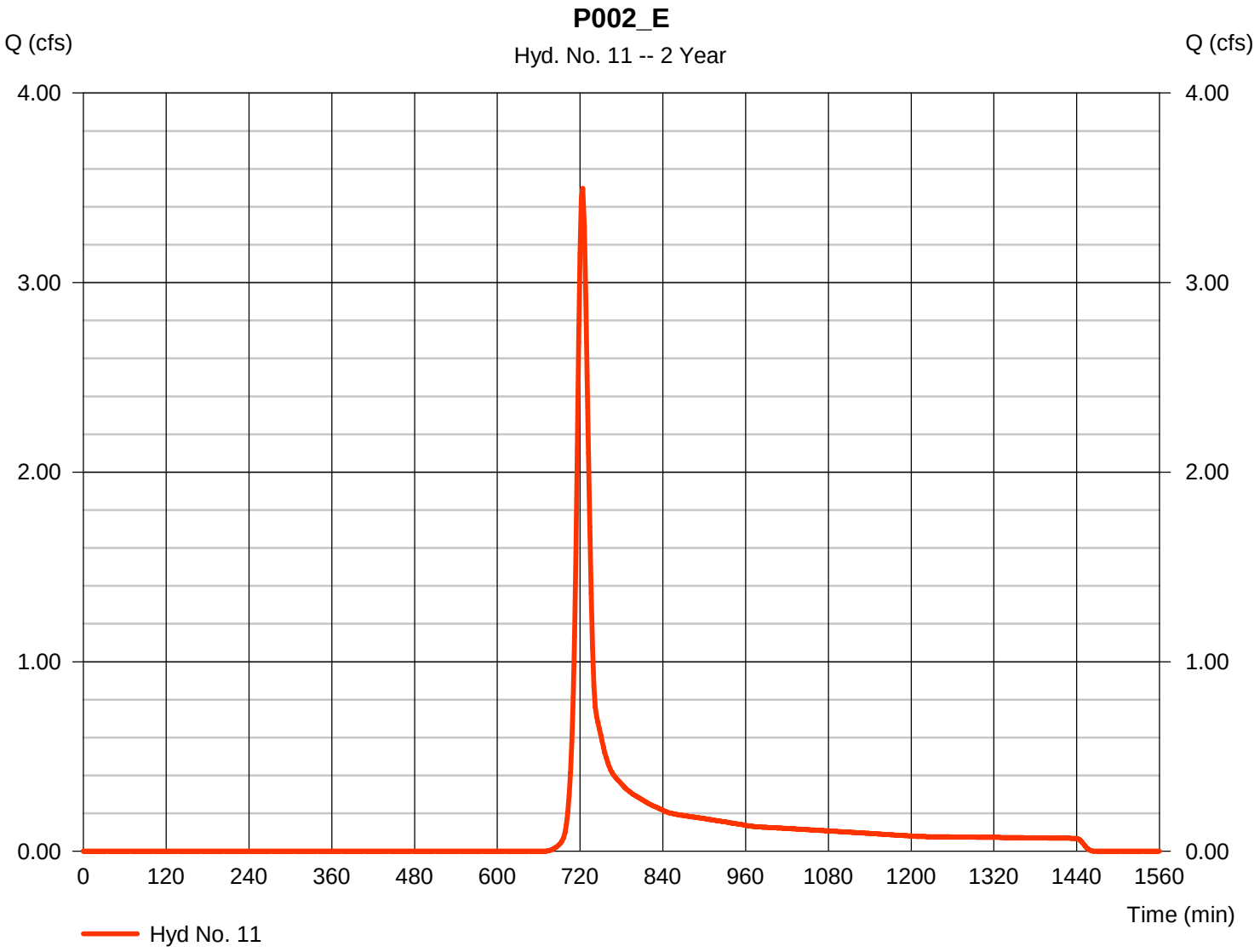
Hydrograph Report

Hyd. No. 11

P002_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	3.495 cfs
Storm frequency	=	2 yrs	Time to peak	=	724 min
Time interval	=	2 min	Hyd. volume	=	10,405 cuft
Drainage area	=	2.975 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	13.70 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.009 x 98) + (1.040 x 76)] / 2.975



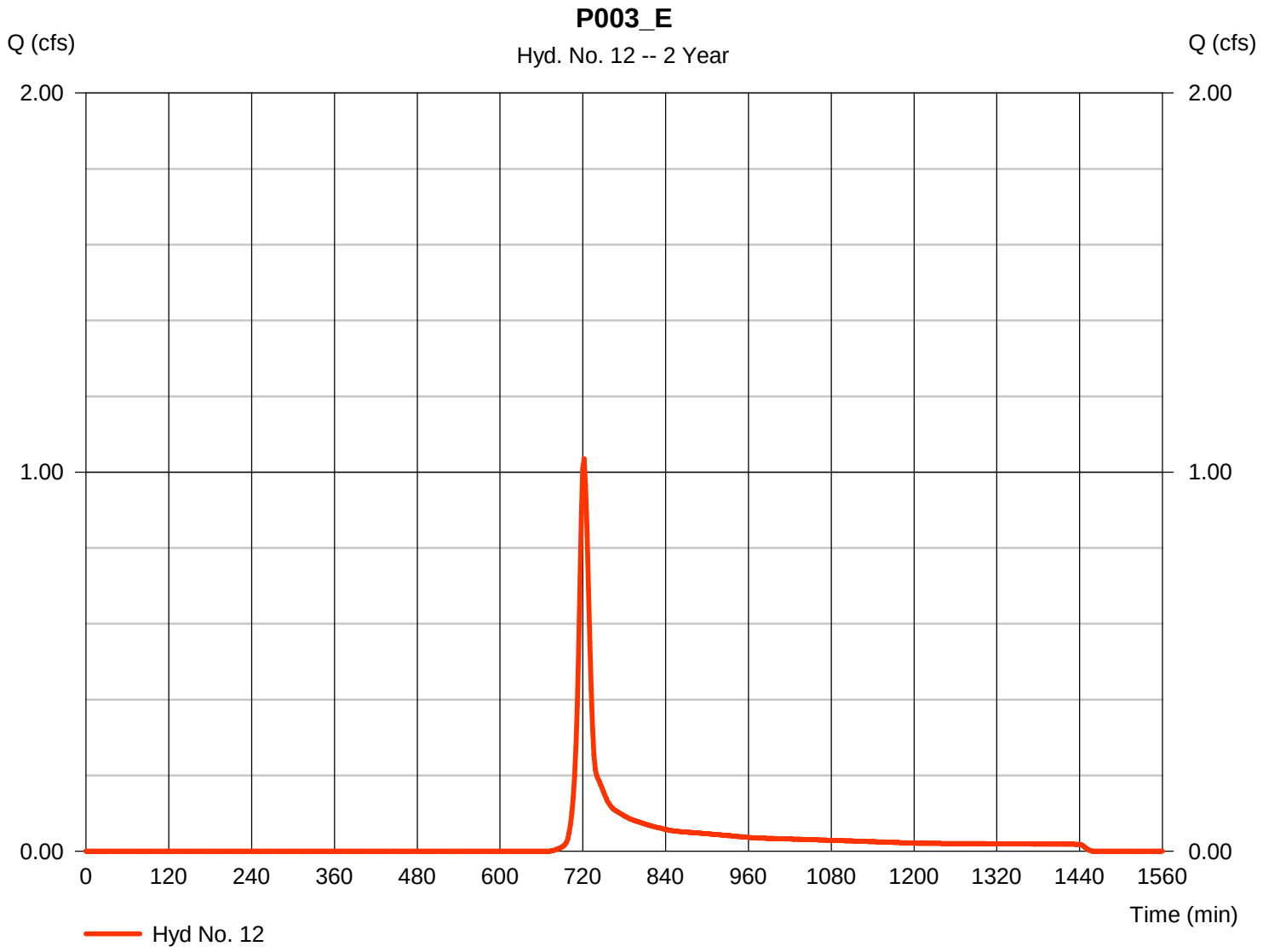
Hydrograph Report

Hyd. No. 12

P003_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.035 cfs
Storm frequency	=	2 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	2,808 cuft
Drainage area	=	0.759 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	12.00 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.304 x 98) + (0.073 x 71)] / 0.759



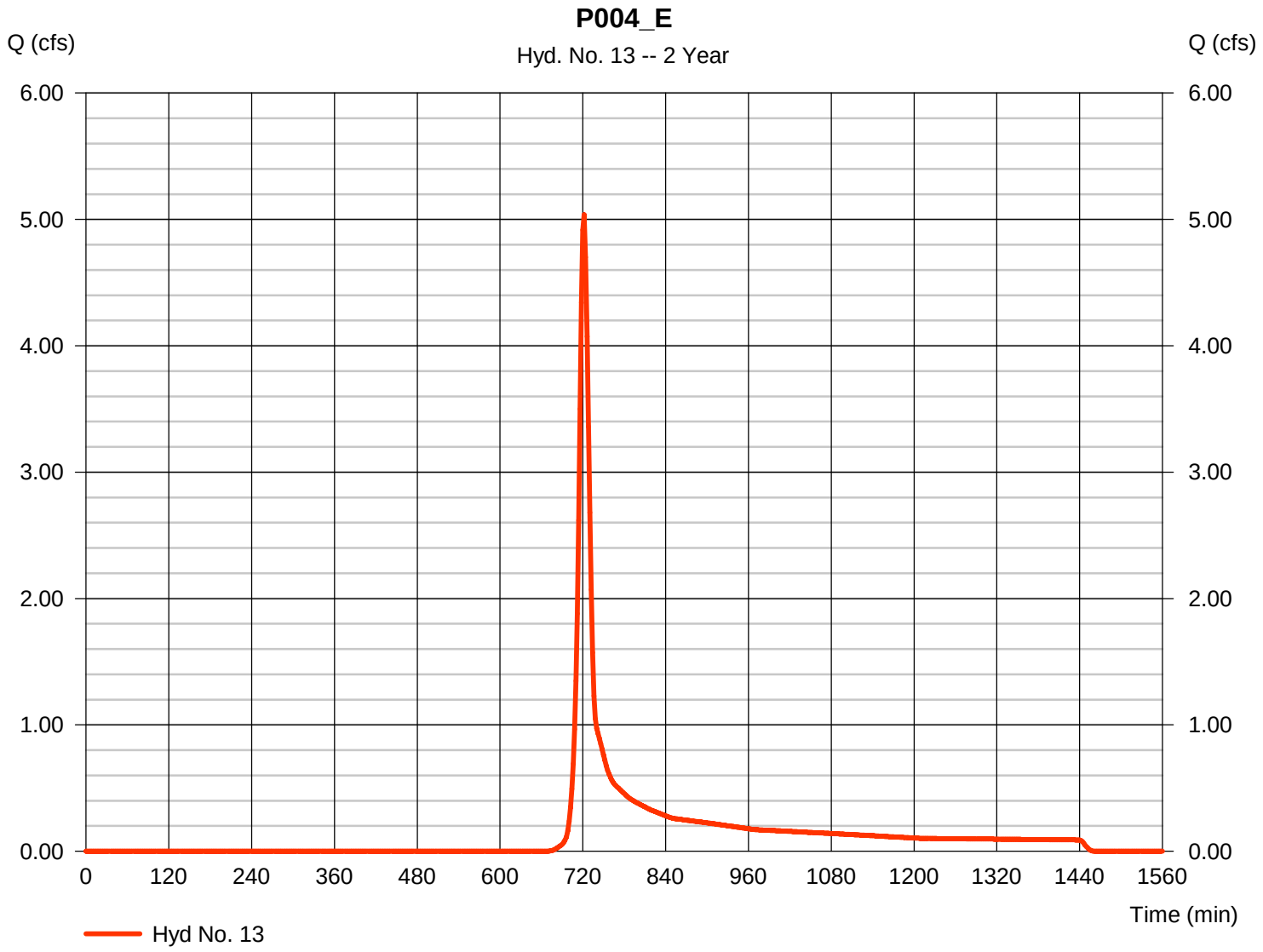
Hydrograph Report

Hyd. No. 13

P004_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	5.037 cfs
Storm frequency	=	2 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	13,669 cuft
Drainage area	=	3.695 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	11.00 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.155 x 98) + (0.109 x 71) + (0.970 x 76)] / 3.695



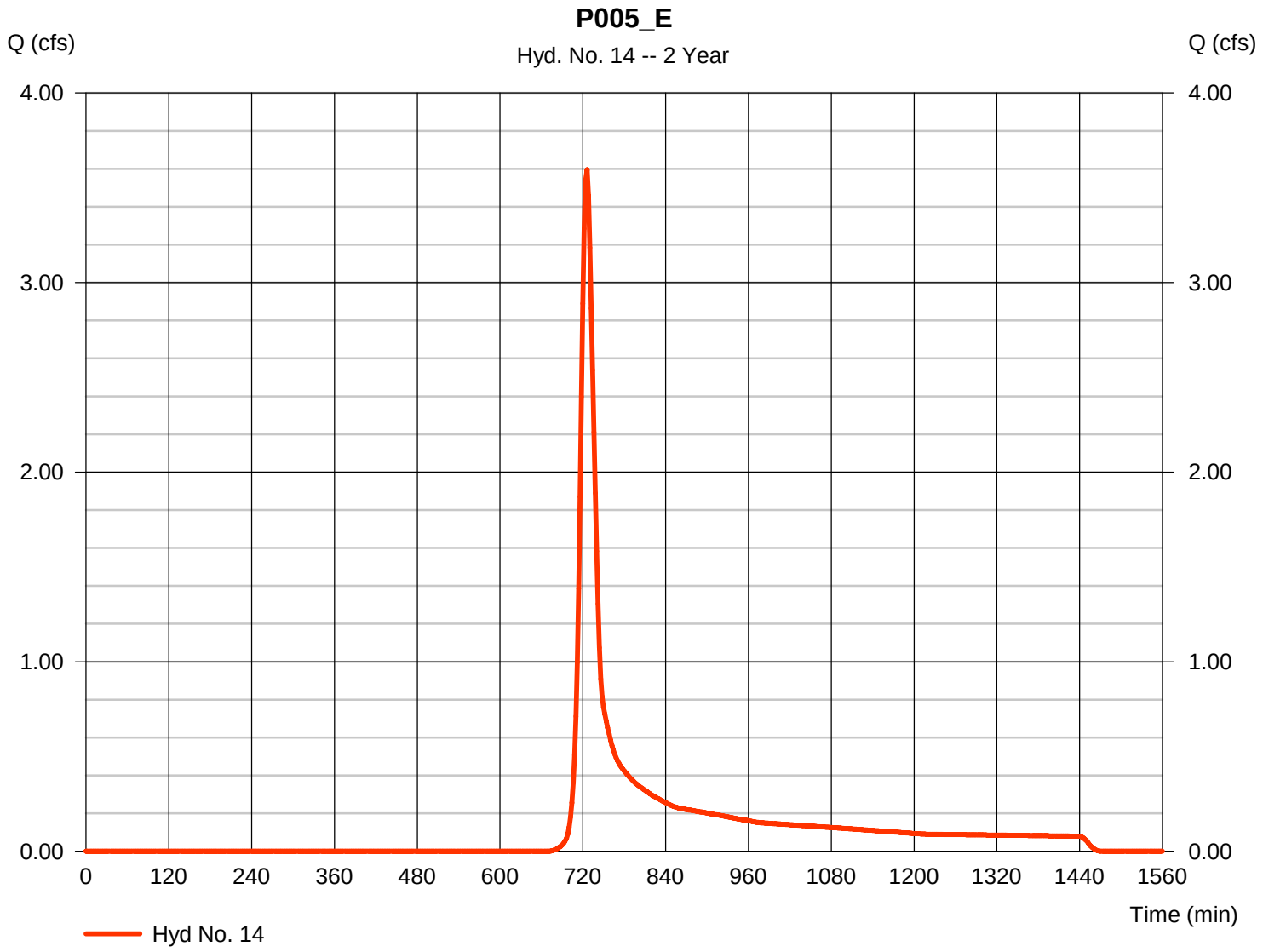
Hydrograph Report

Hyd. No. 14

P005_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	3.596 cfs
Storm frequency	=	2 yrs	Time to peak	=	726 min
Time interval	=	2 min	Hyd. volume	=	12,075 cuft
Drainage area	=	3.366 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	17.50 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.220 x 98) + (0.052 x 71) + (0.081 x 71) + (0.080 x 71)] / 3.366



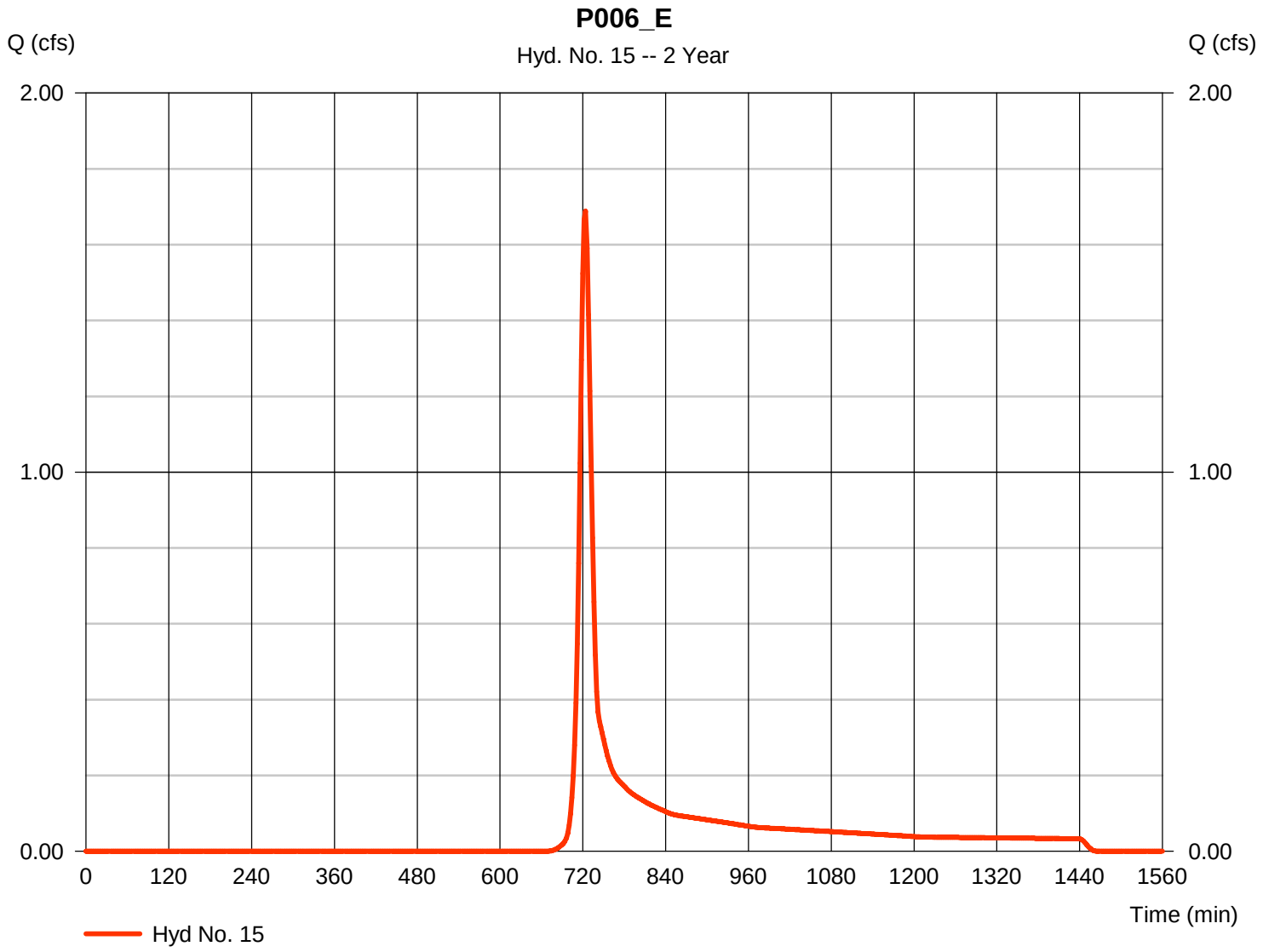
Hydrograph Report

Hyd. No. 15

P006_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.688 cfs
Storm frequency	=	2 yrs	Time to peak	=	724 min
Time interval	=	2 min	Hyd. volume	=	5,026 cuft
Drainage area	=	1.437 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	16.20 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.783 x 98) + (0.059 x 71) + (0.144 x 71) + (0.107 x 71)] / 1.437



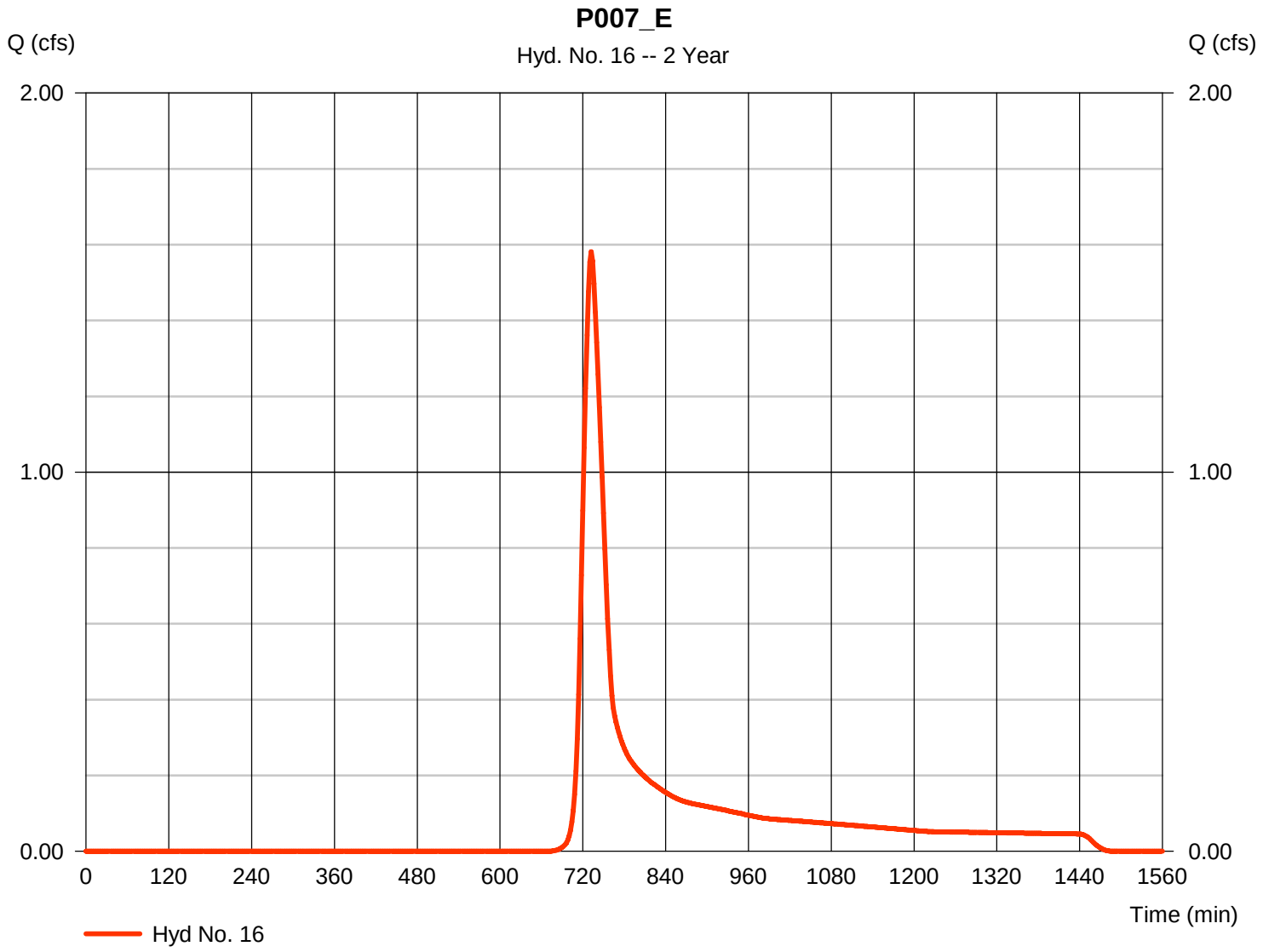
Hydrograph Report

Hyd. No. 16

P007_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.581 cfs
Storm frequency	=	2 yrs	Time to peak	=	732 min
Time interval	=	2 min	Hyd. volume	=	6,924 cuft
Drainage area	=	1.930 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	28.30 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.655 x 71) + (0.623 x 98)] / 1.930



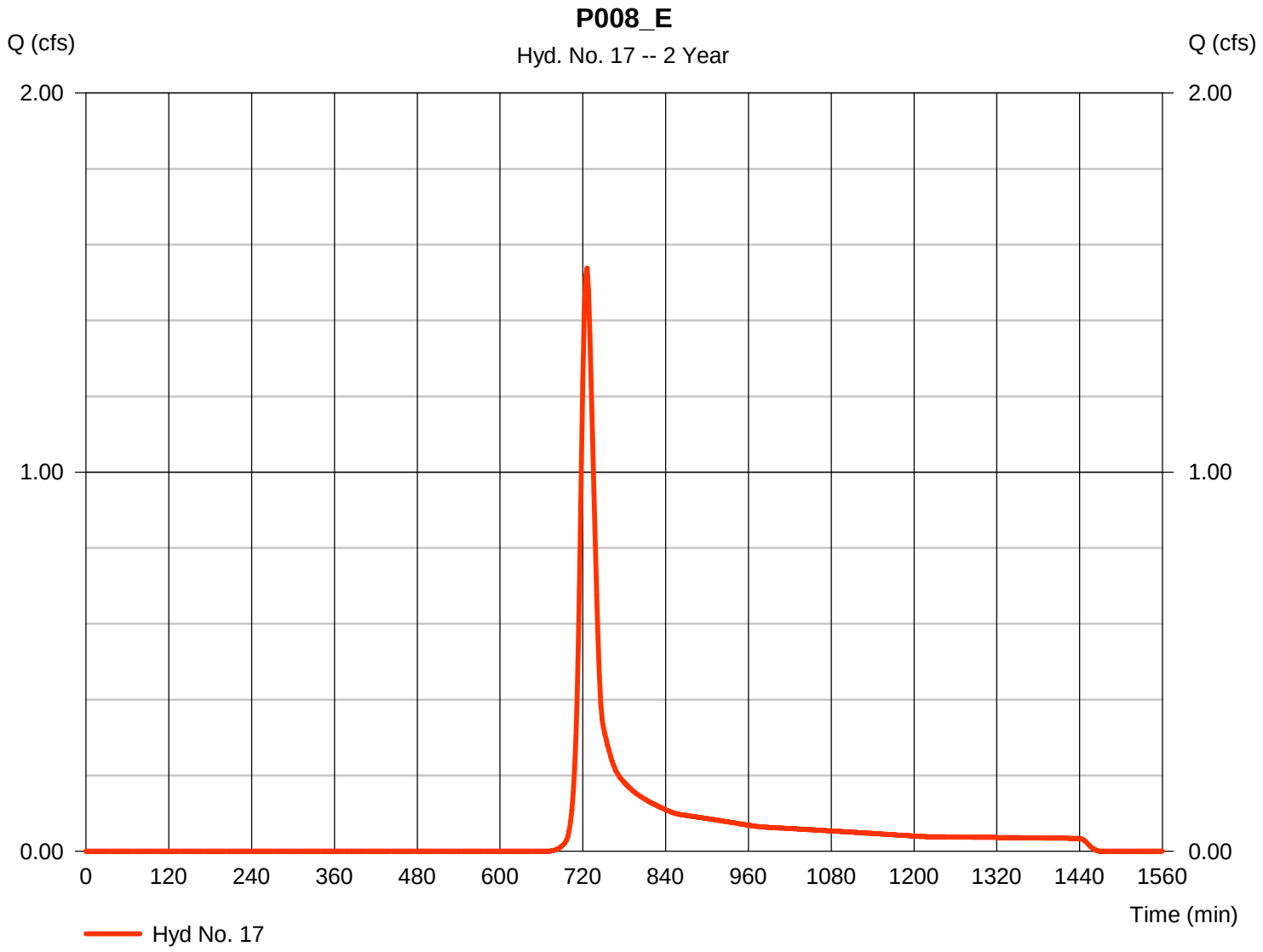
Hydrograph Report

Hyd. No. 17

P008_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.538 cfs
Storm frequency	=	2 yrs	Time to peak	=	726 min
Time interval	=	2 min	Hyd. volume	=	5,166 cuft
Drainage area	=	1.440 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	19.00 min
Total precip.	=	3.38 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.736 x 98) + (0.681 x 71)] / 1.440

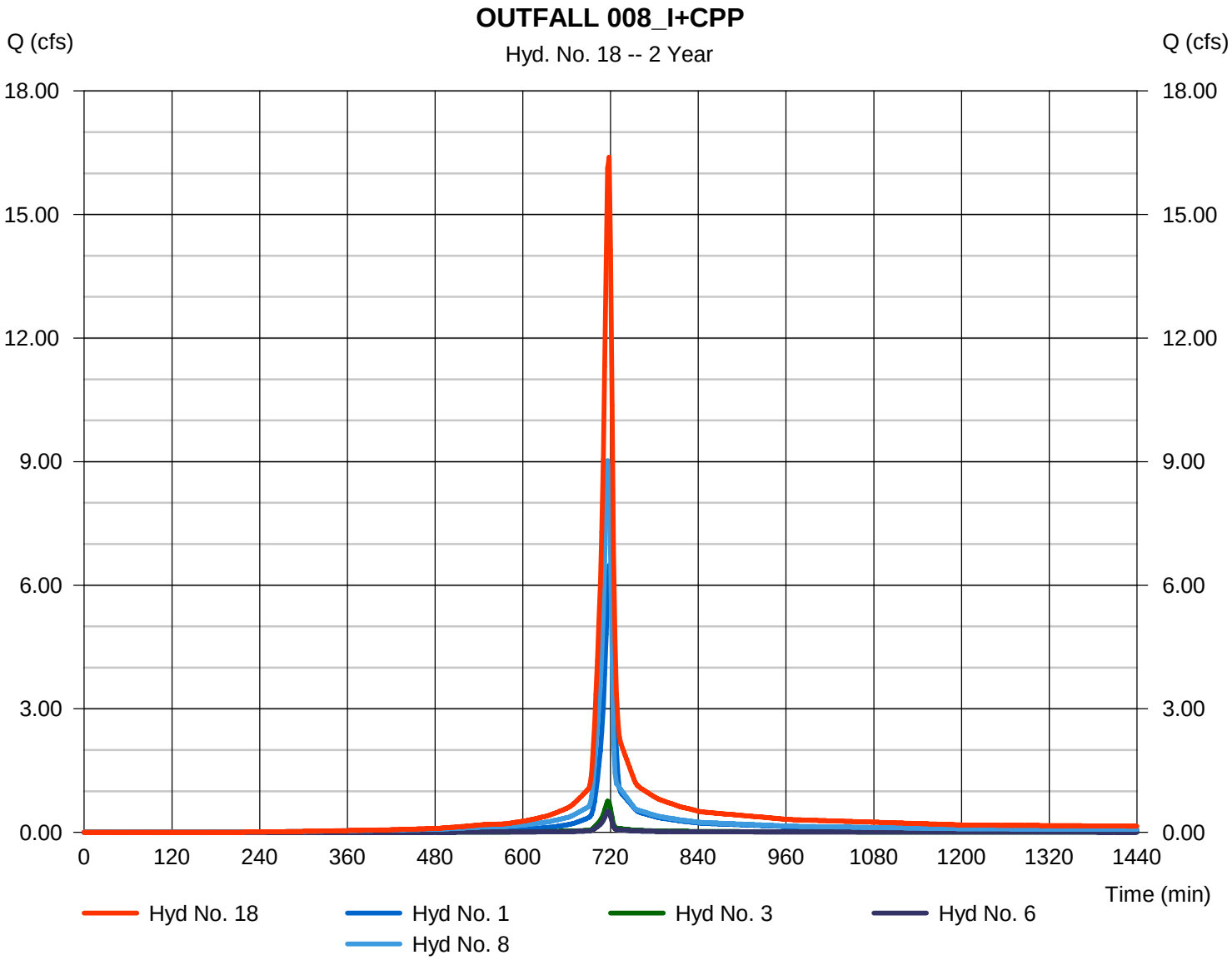


Hydrograph Report

Hyd. No. 18

OUTFALL 008_I+CPP

Hydrograph type	=	Combine	Peak discharge	=	16.39 cfs
Storm frequency	=	2 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	37,201 cuft
Inflow hyds.	=	1, 3, 6, 8	Contrib. drain. area	=	4.493 ac

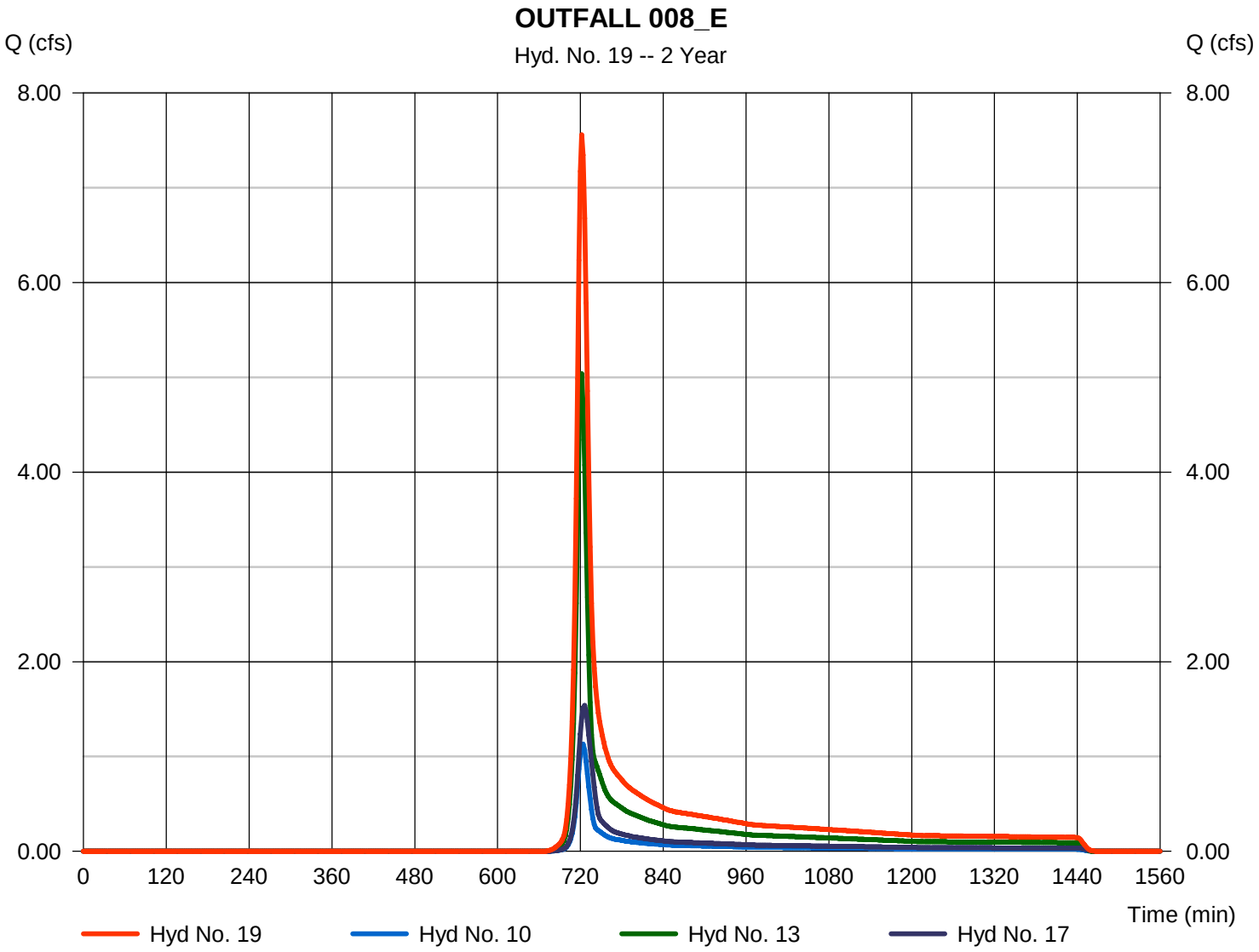


Hydrograph Report

Hyd. No. 19

OUTFALL 008_E

Hydrograph type	= Combine	Peak discharge	= 7.559 cfs
Storm frequency	= 2 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 22,203 cuft
Inflow hyds.	= 10, 13, 17	Contrib. drain. area	= 6.098 ac

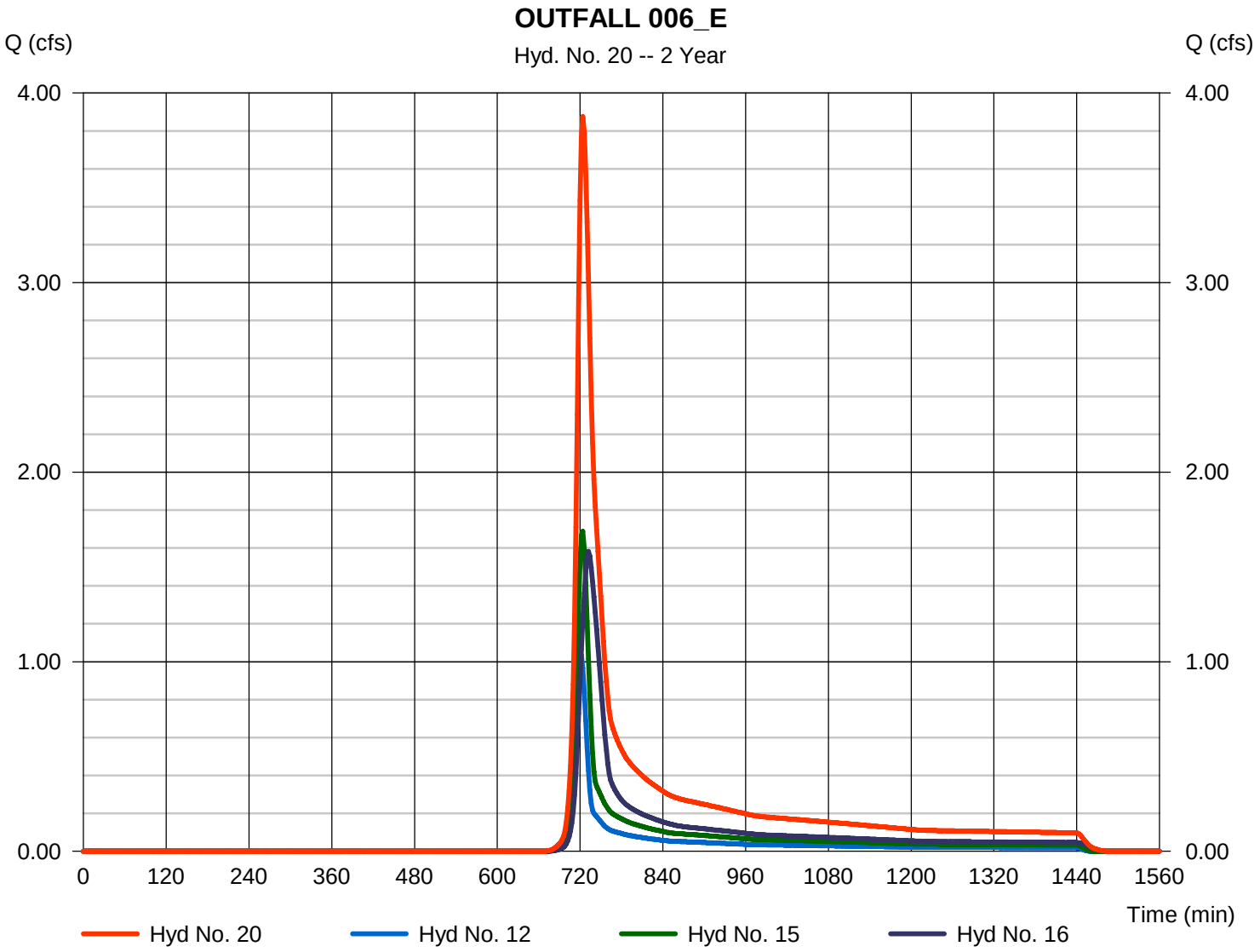


Hydrograph Report

Hyd. No. 20

OUTFALL 006_E

Hydrograph type	= Combine	Peak discharge	= 3.875 cfs
Storm frequency	= 2 yrs	Time to peak	= 724 min
Time interval	= 2 min	Hyd. volume	= 14,758 cuft
Inflow hyds.	= 12, 15, 16	Contrib. drain. area	= 4.126 ac

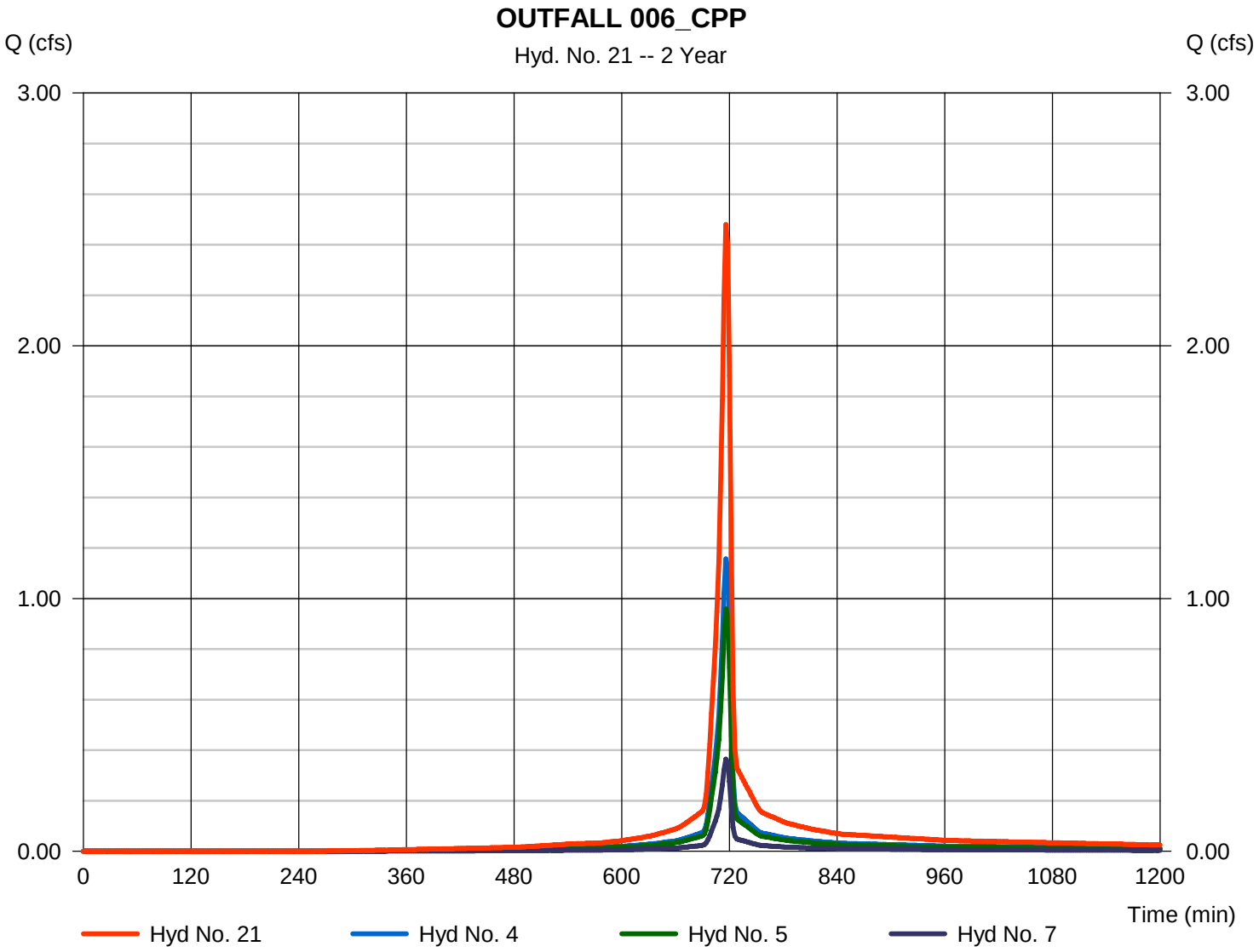


Hydrograph Report

Hyd. No. 21

OUTFALL 006_CPP

Hydrograph type	= Combine	Peak discharge	= 2.480 cfs
Storm frequency	= 2 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 5,261 cuft
Inflow hyds.	= 4, 5, 7	Contrib. drain. area	= 0.613 ac

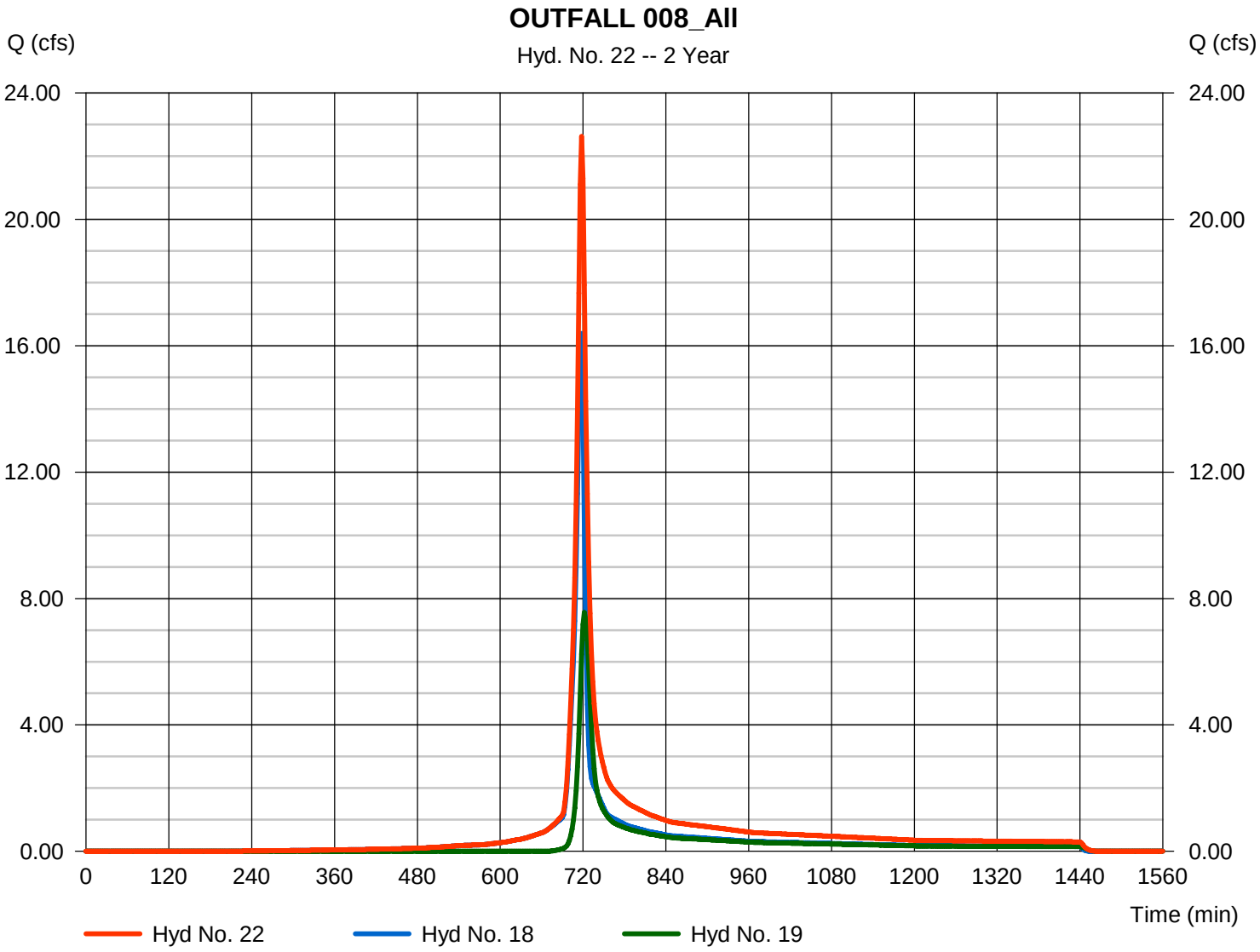


Hydrograph Report

Hyd. No. 22

OUTFALL 008_All

Hydrograph type	=	Combine	Peak discharge	=	22.62 cfs
Storm frequency	=	2 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	59,404 cuft
Inflow hyds.	=	18, 19	Contrib. drain. area	=	0.000 ac

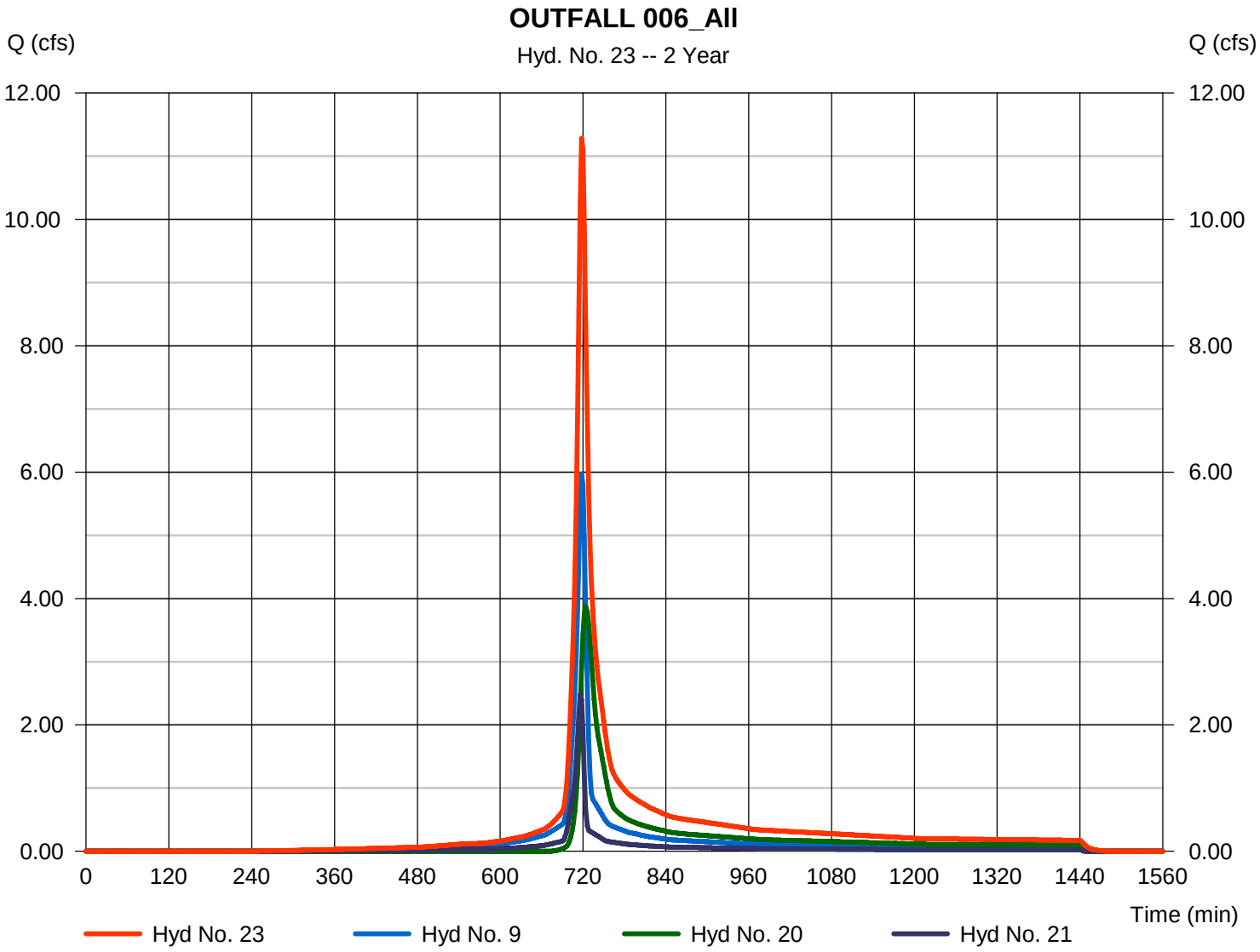


Hydrograph Report

Hyd. No. 23

OUTFALL 006_All

Hydrograph type	= Combine	Peak discharge	= 11.28 cfs
Storm frequency	= 2 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 34,375 cuft
Inflow hyds.	= 9, 20, 21	Contrib. drain. area	= 1.510 ac

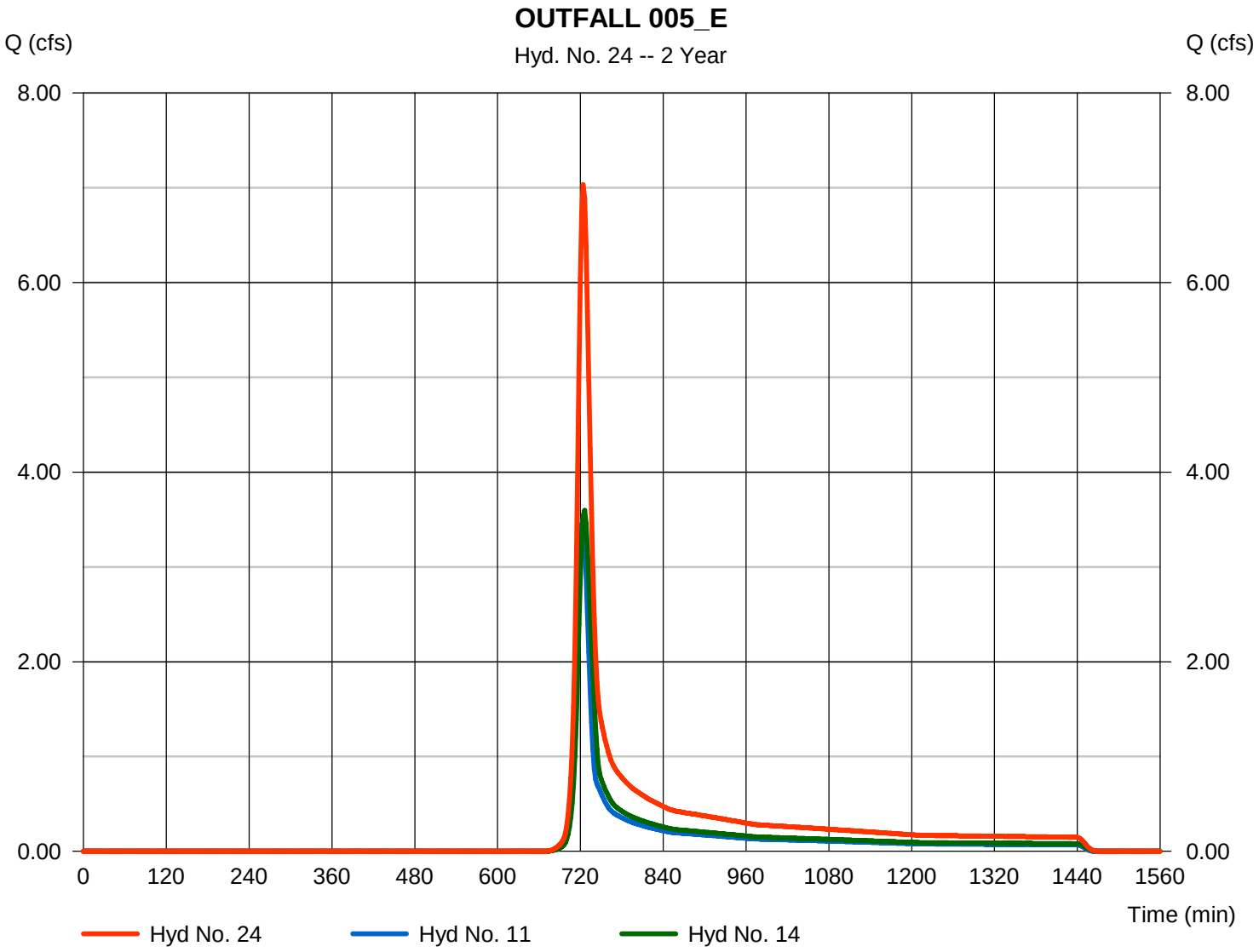


Hydrograph Report

Hyd. No. 24

OUTFALL 005_E

Hydrograph type	= Combine	Peak discharge	= 7.033 cfs
Storm frequency	= 2 yrs	Time to peak	= 724 min
Time interval	= 2 min	Hyd. volume	= 22,480 cuft
Inflow hyds.	= 11, 14	Contrib. drain. area	= 6.341 ac

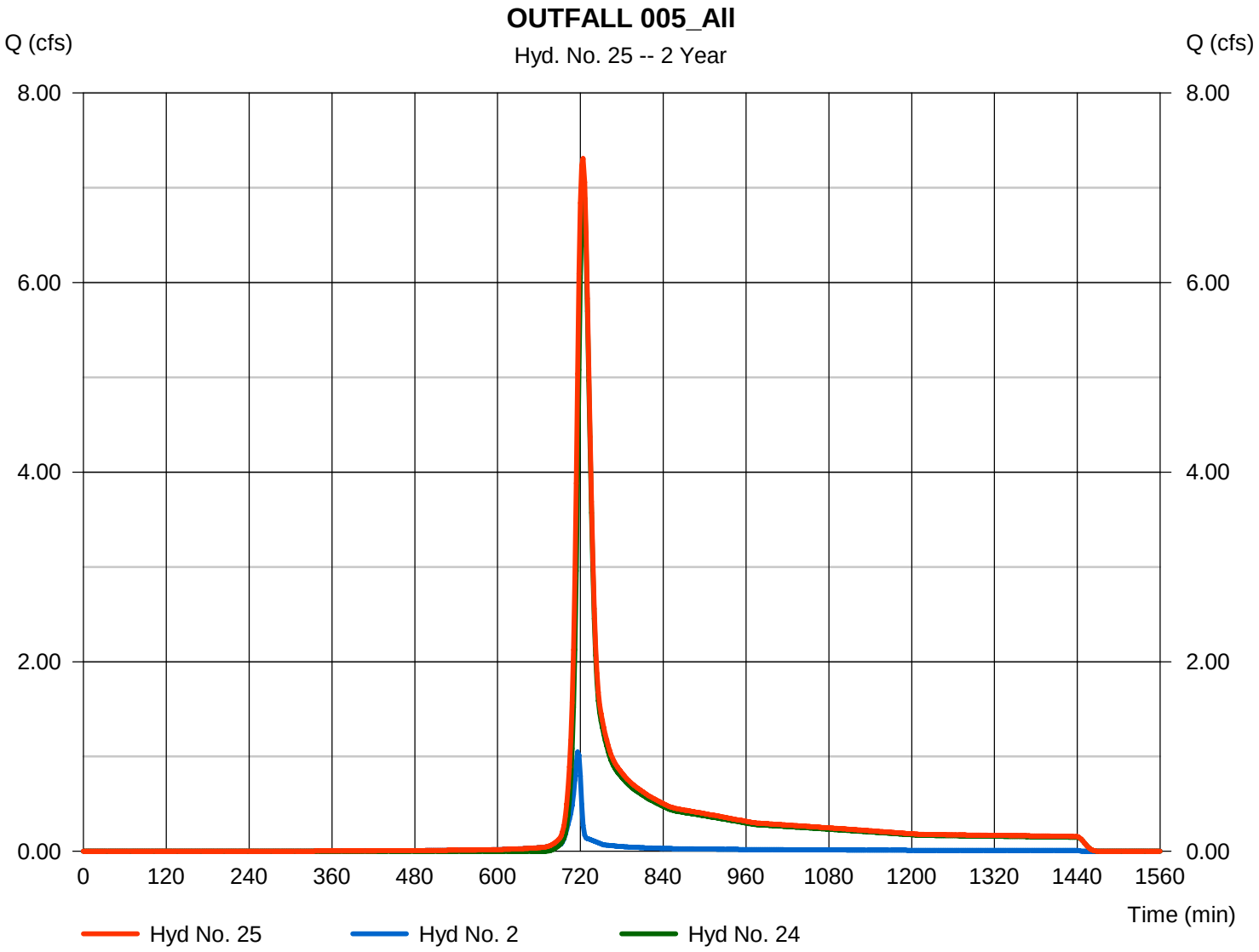


Hydrograph Report

Hyd. No. 25

OUTFALL 005_All

Hydrograph type	= Combine	Peak discharge	= 7.308 cfs
Storm frequency	= 2 yrs	Time to peak	= 724 min
Time interval	= 2 min	Hyd. volume	= 24,703 cuft
Inflow hyds.	= 2, 24	Contrib. drain. area	= 0.259 ac



Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	11.60	2	718	27,254	------	------	------	001_I
2	SCS Runoff	1.718	2	716	3,768	------	------	------	004_CPP
3	SCS Runoff	1.240	2	716	2,721	------	------	------	005_CPP
4	SCS Runoff	1.897	2	716	4,161	------	------	------	006_CPP
5	SCS Runoff	1.572	2	716	3,448	------	------	------	007_CPP
6	SCS Runoff	0.836	2	716	1,833	------	------	------	008_CPP
7	SCS Runoff	0.597	2	716	1,309	------	------	------	009_CPP
8	SCS Runoff	14.45	2	716	32,433	------	------	------	002_I
9	SCS Runoff	9.686	2	718	24,033	------	------	------	003_Ti
10	SCS Runoff	2.724	2	722	7,707	------	------	------	P001_E
11	SCS Runoff	8.416	2	722	23,808	------	------	------	P002_E
12	SCS Runoff	2.458	2	720	6,425	------	------	------	P003_E
13	SCS Runoff	11.97	2	720	31,276	------	------	------	P004_E
14	SCS Runoff	8.716	2	724	27,628	------	------	------	P005_E
15	SCS Runoff	4.065	2	722	11,500	------	------	------	P006_E
16	SCS Runoff	3.891	2	732	15,841	------	------	------	P007_E
17	SCS Runoff	3.729	2	724	11,820	------	------	------	P008_E
18	Combine	27.44	2	718	64,241	1, 3, 6, 8,	------	------	OUTFALL 008_I+CPP
19	Combine	18.23	2	722	50,803	10, 13, 17,	------	------	OUTFALL 008_E
20	Combine	9.512	2	724	33,766	12, 15, 16,	------	------	OUTFALL 006_E
21	Combine	4.066	2	716	8,918	4, 5, 7,	------	------	OUTFALL 006_CPP
22	Combine	43.39	2	718	115,044	18, 19,	------	------	OUTFALL 008_All
23	Combine	21.33	2	718	66,717	9, 20, 21,	------	------	OUTFALL 006_All
24	Combine	17.06	2	724	51,437	11, 14,	------	------	OUTFALL 005_E
25	Combine	17.51	2	722	55,205	2, 24	------	------	OUTFALL 005_All

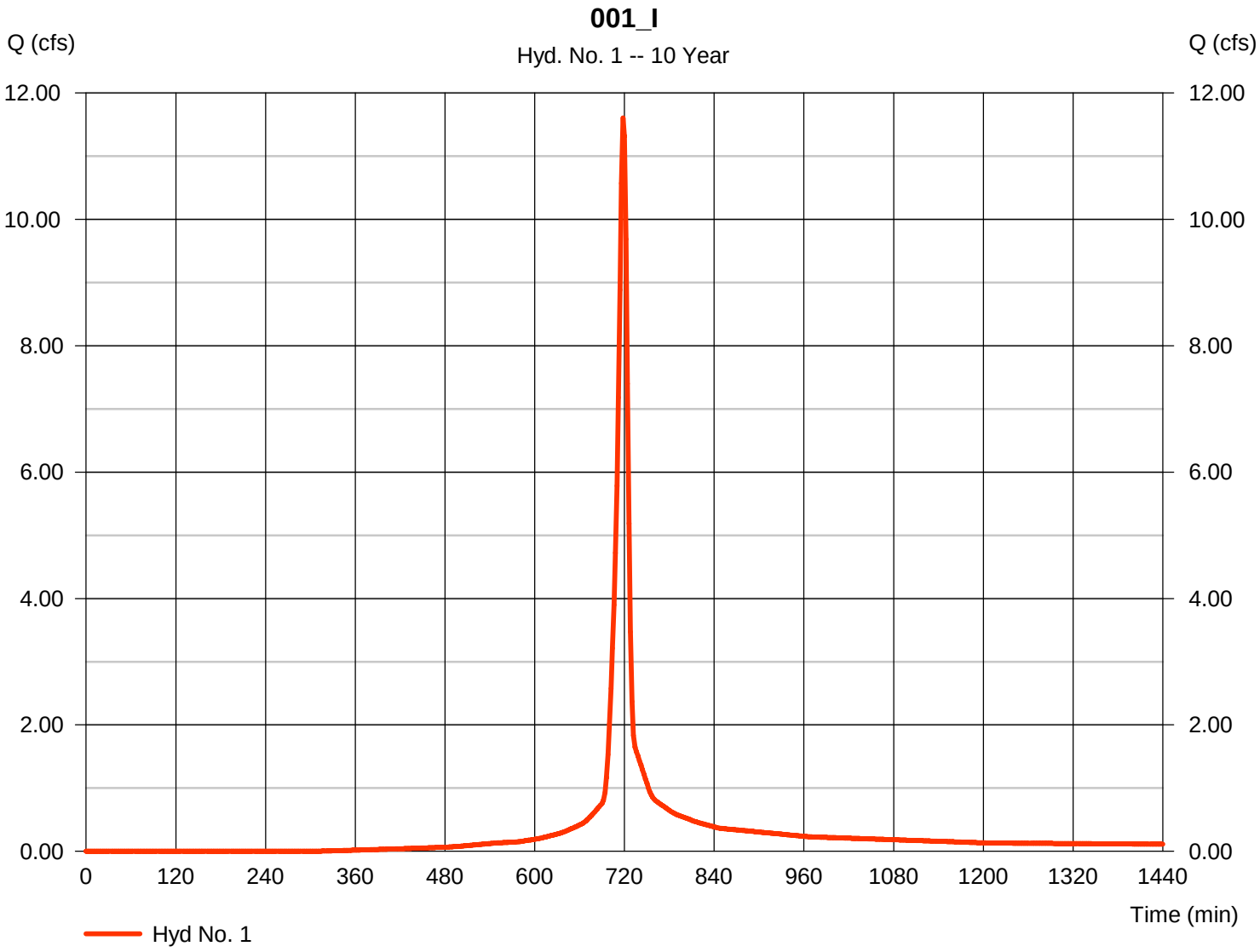
Hydrograph Report

Hyd. No. 1

001_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	11.60 cfs
Storm frequency	=	10 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	27,254 cuft
Drainage area	=	2.060 ac	Curve number	=	86*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	7.20 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.140 x 98) + (0.860 x 71) + (0.060 x 71)] / 2.060

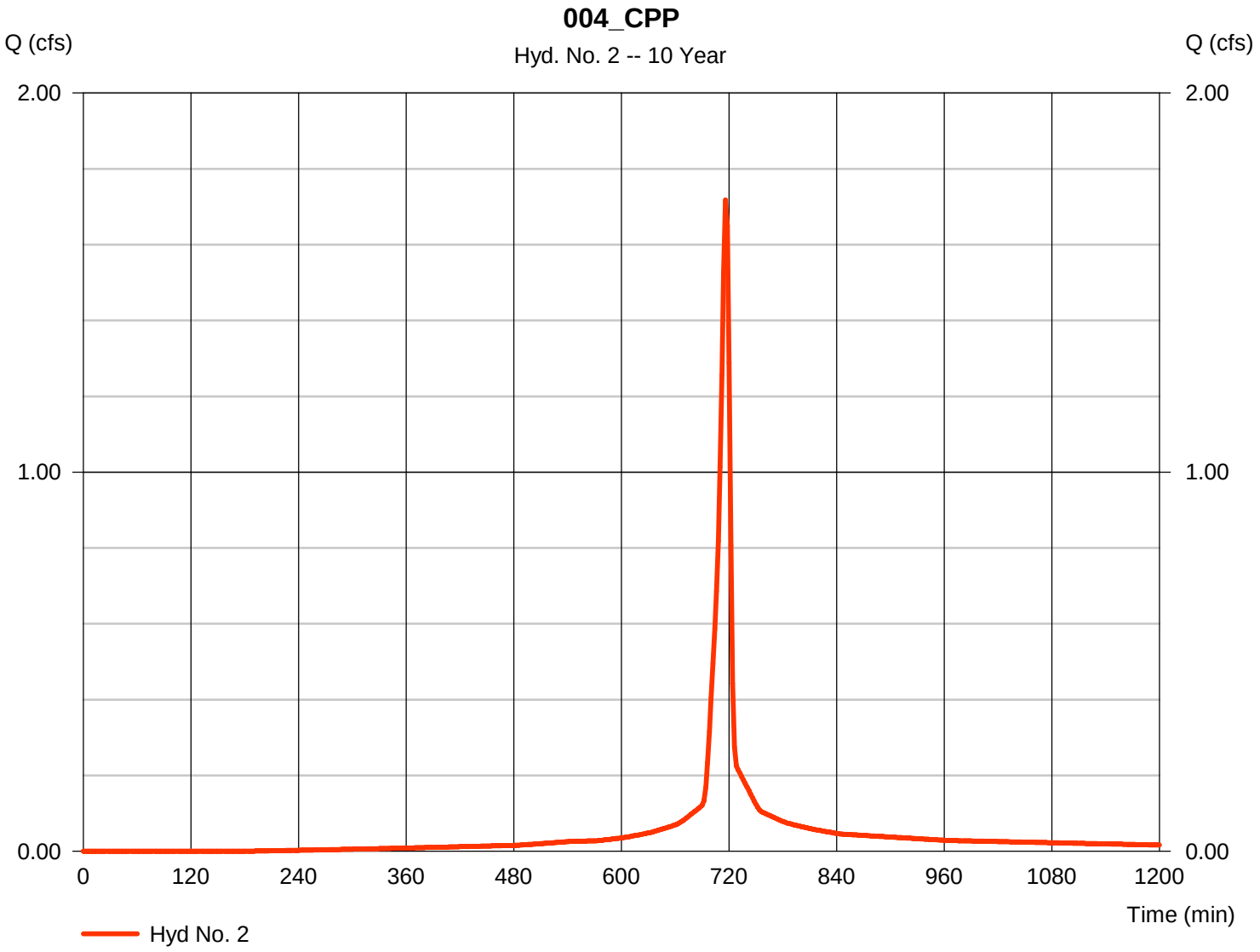


Hydrograph Report

Hyd. No. 2

004_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.718 cfs
Storm frequency	=	10 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	3,768 cuft
Drainage area	=	0.259 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

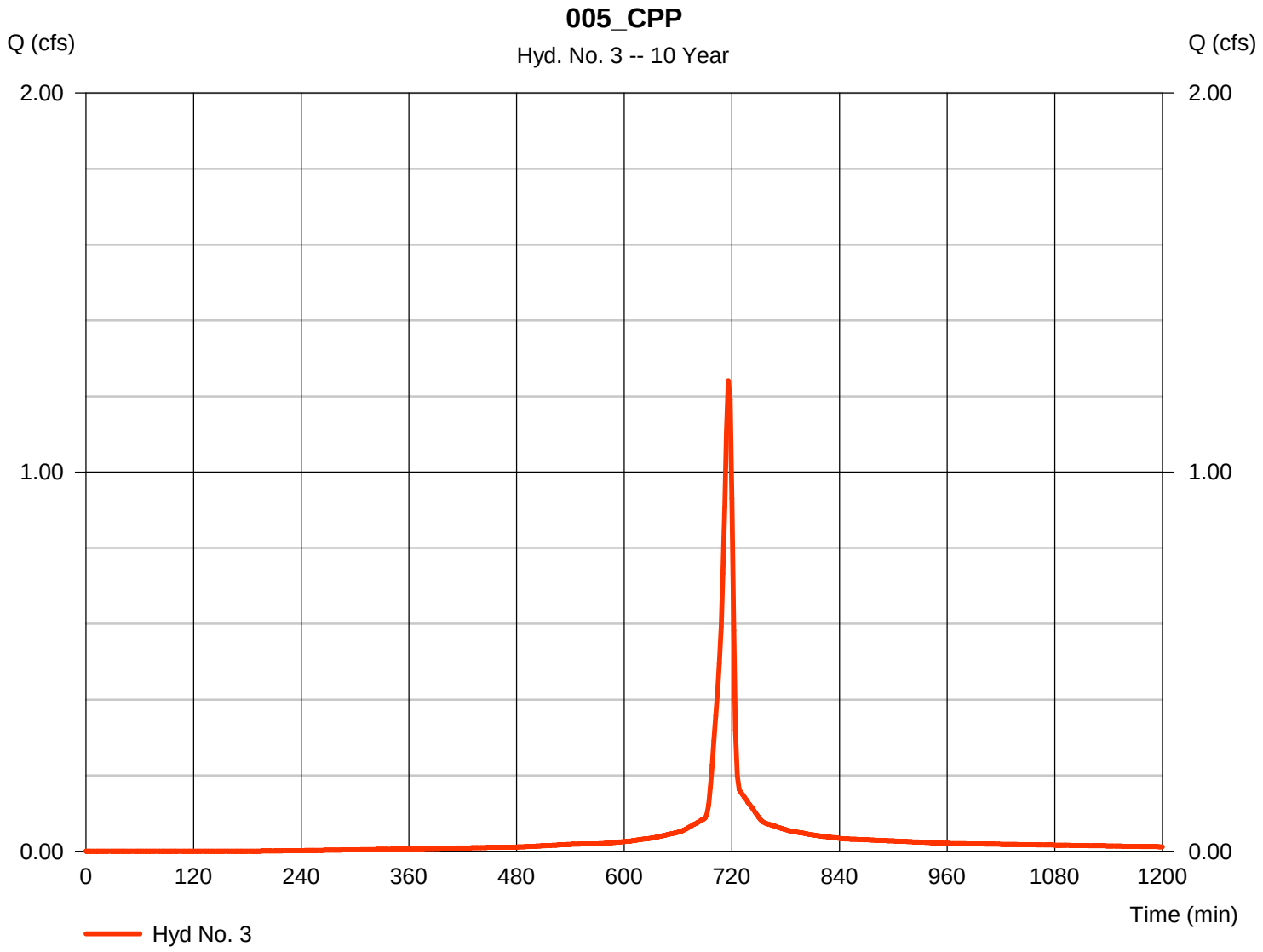


Hydrograph Report

Hyd. No. 3

005_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.240 cfs
Storm frequency	=	10 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	2,721 cuft
Drainage area	=	0.187 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

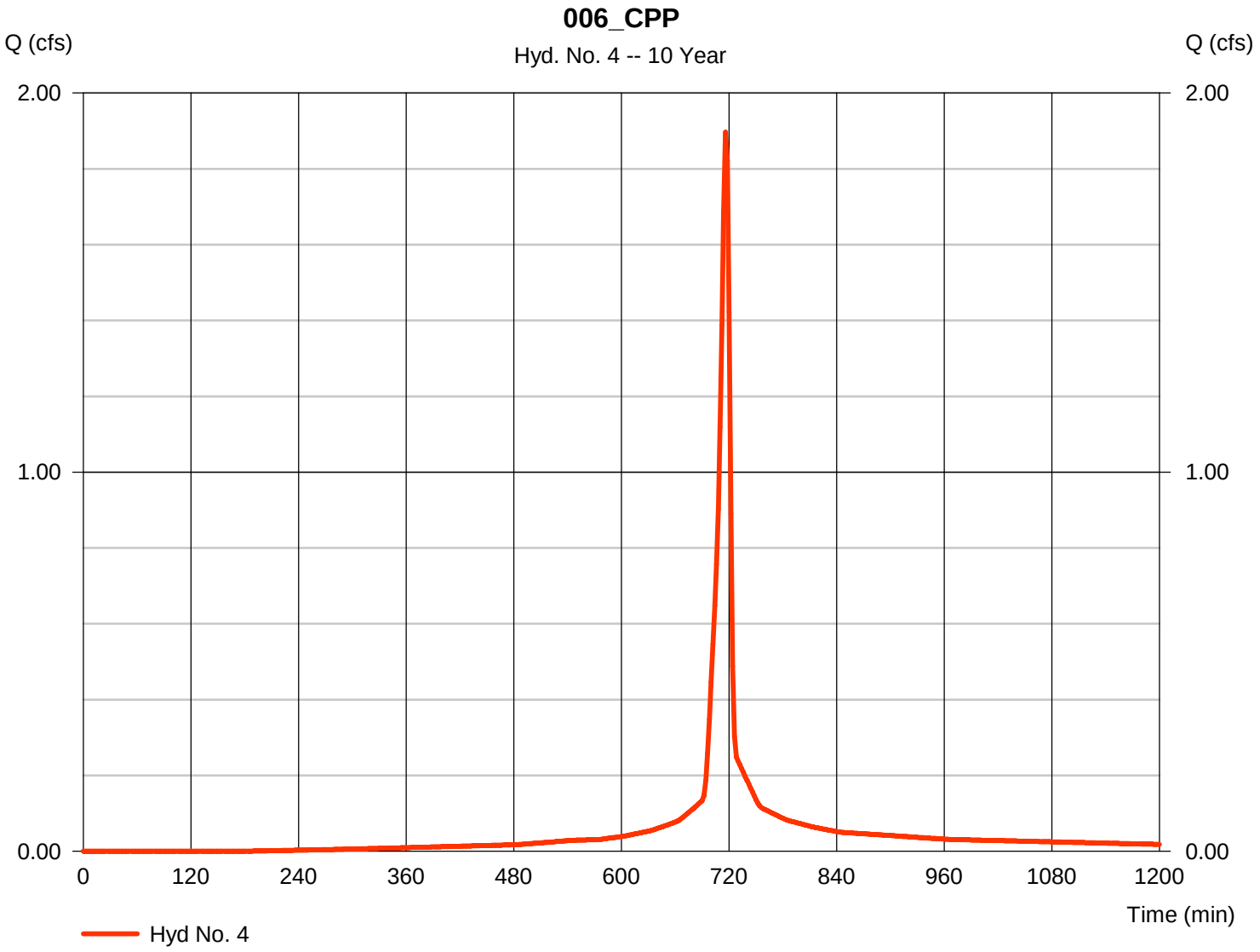


Hydrograph Report

Hyd. No. 4

006_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.897 cfs
Storm frequency	=	10 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	4,161 cuft
Drainage area	=	0.286 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

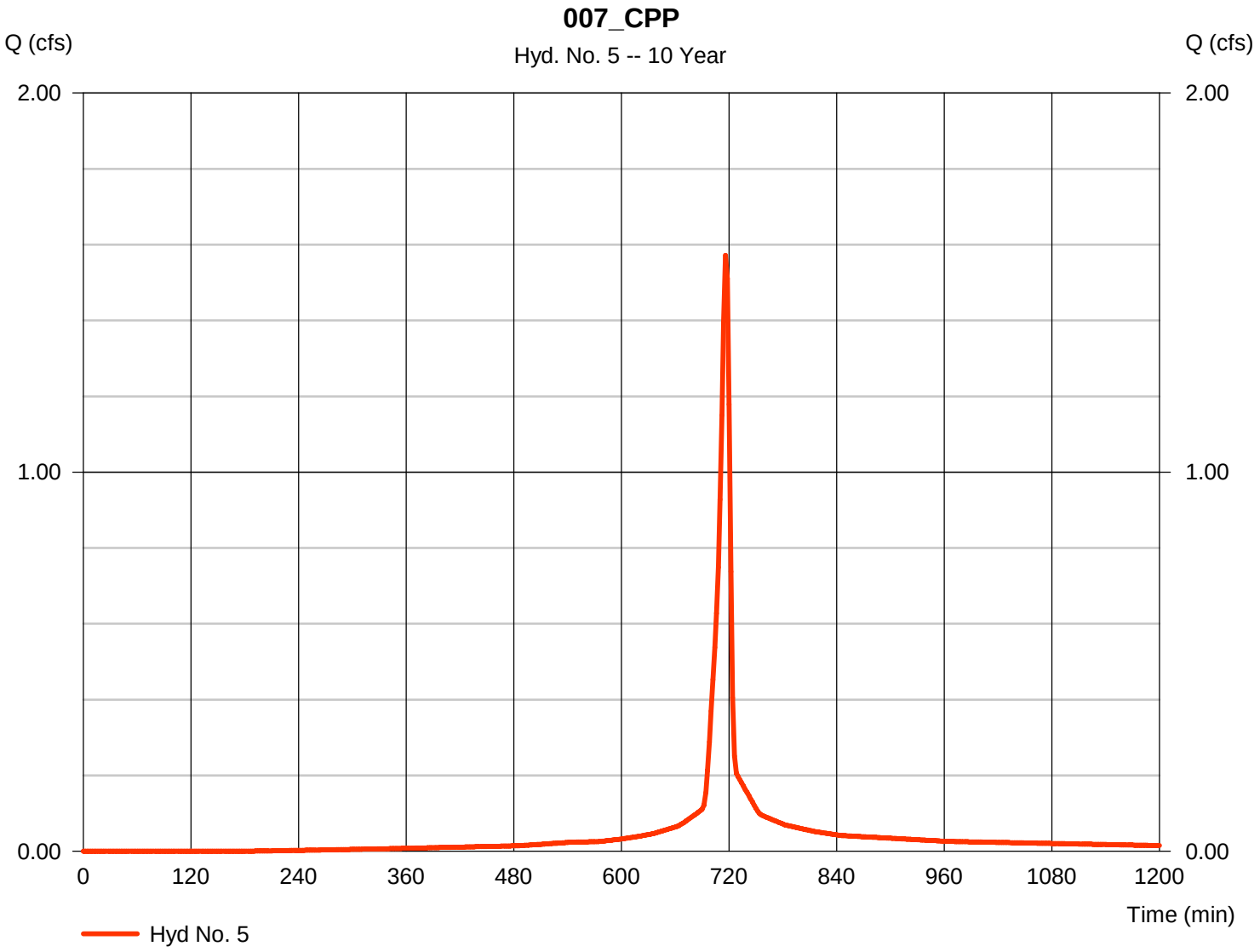


Hydrograph Report

Hyd. No. 5

007_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.572 cfs
Storm frequency	=	10 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	3,448 cuft
Drainage area	=	0.237 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

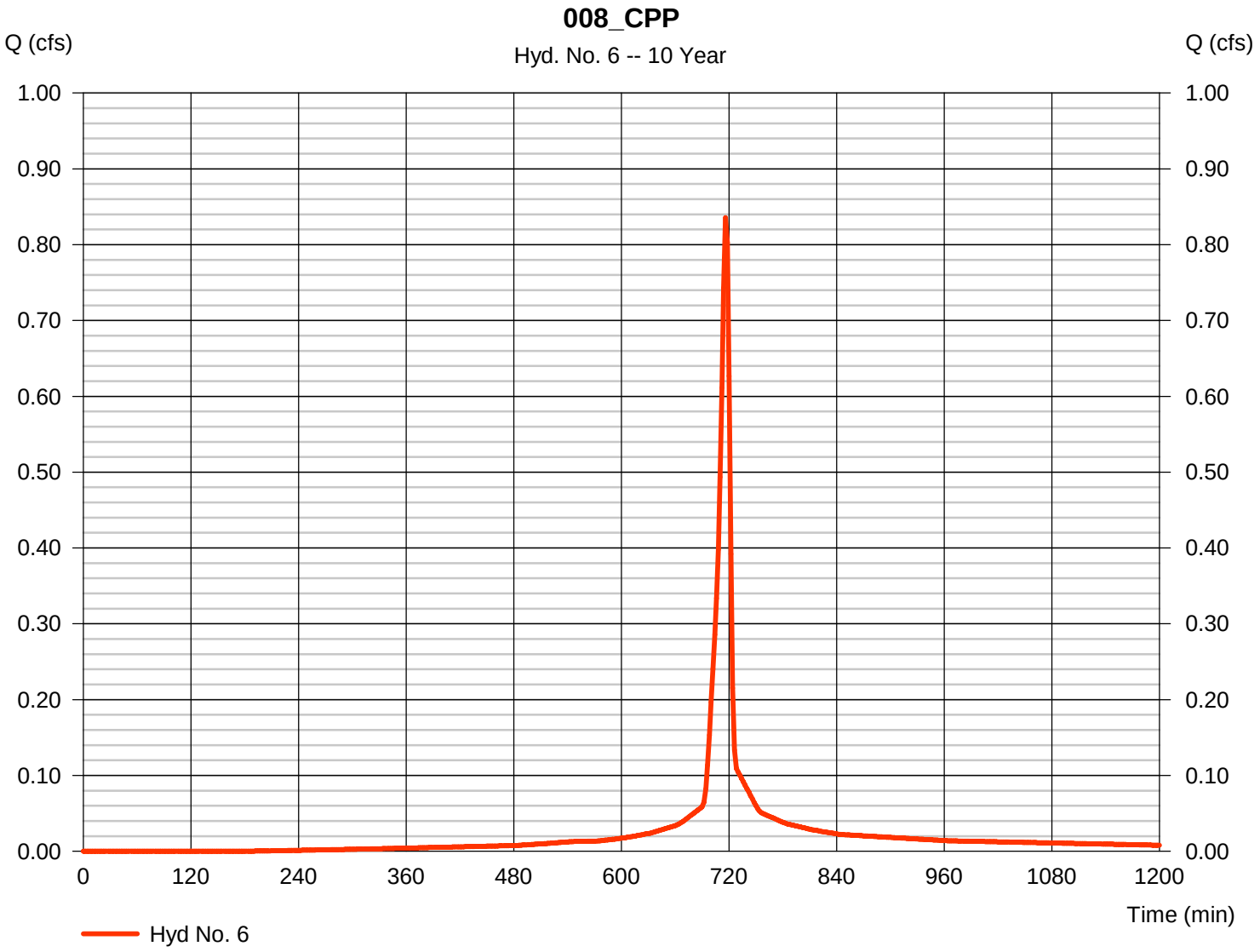


Hydrograph Report

Hyd. No. 6

008_CPP

Hydrograph type	= SCS Runoff	Peak discharge	= 0.836 cfs
Storm frequency	= 10 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 1,833 cuft
Drainage area	= 0.126 ac	Curve number	= 92
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 6.00 min
Total precip.	= 5.19 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

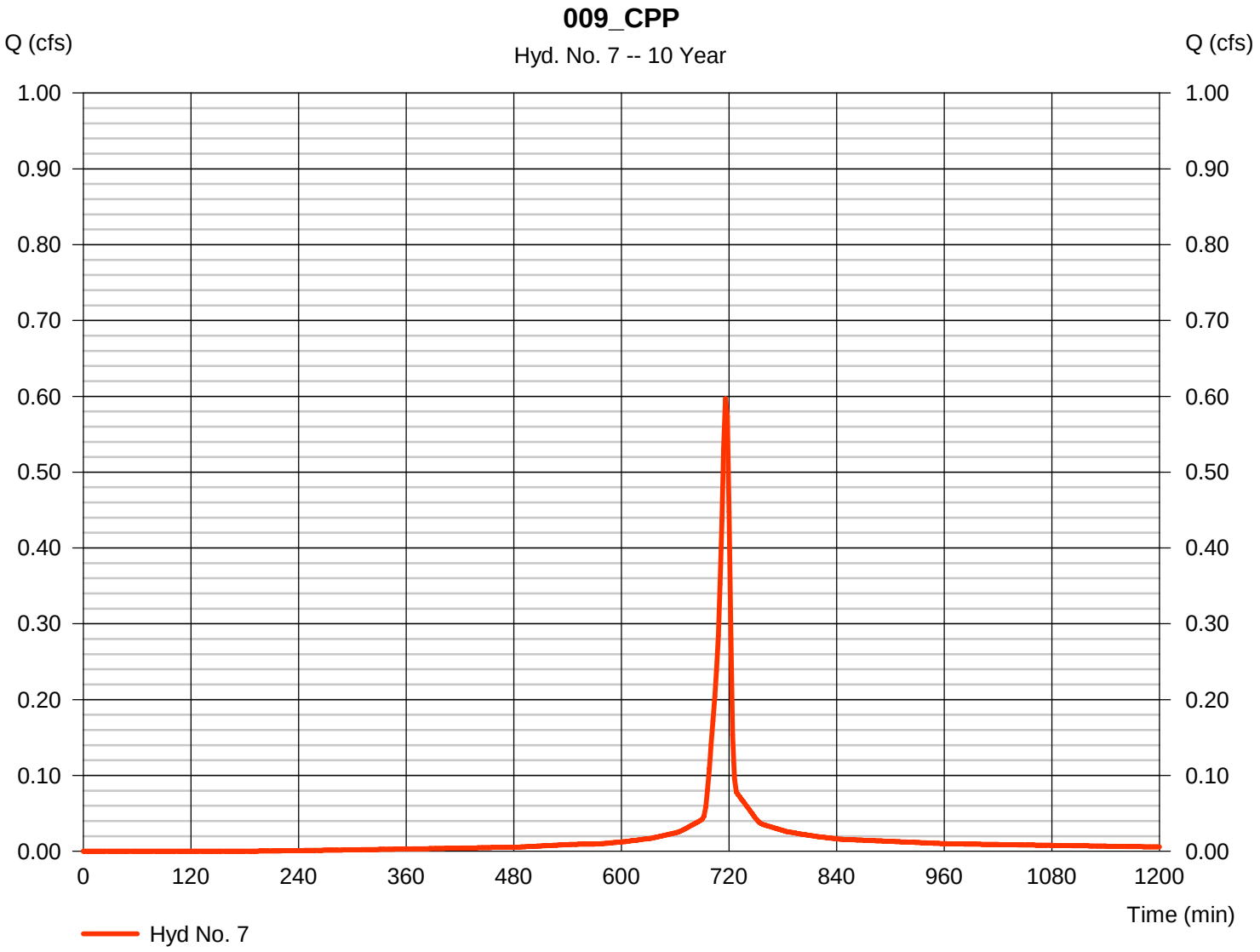


Hydrograph Report

Hyd. No. 7

009_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.597 cfs
Storm frequency	=	10 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	1,309 cuft
Drainage area	=	0.090 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484



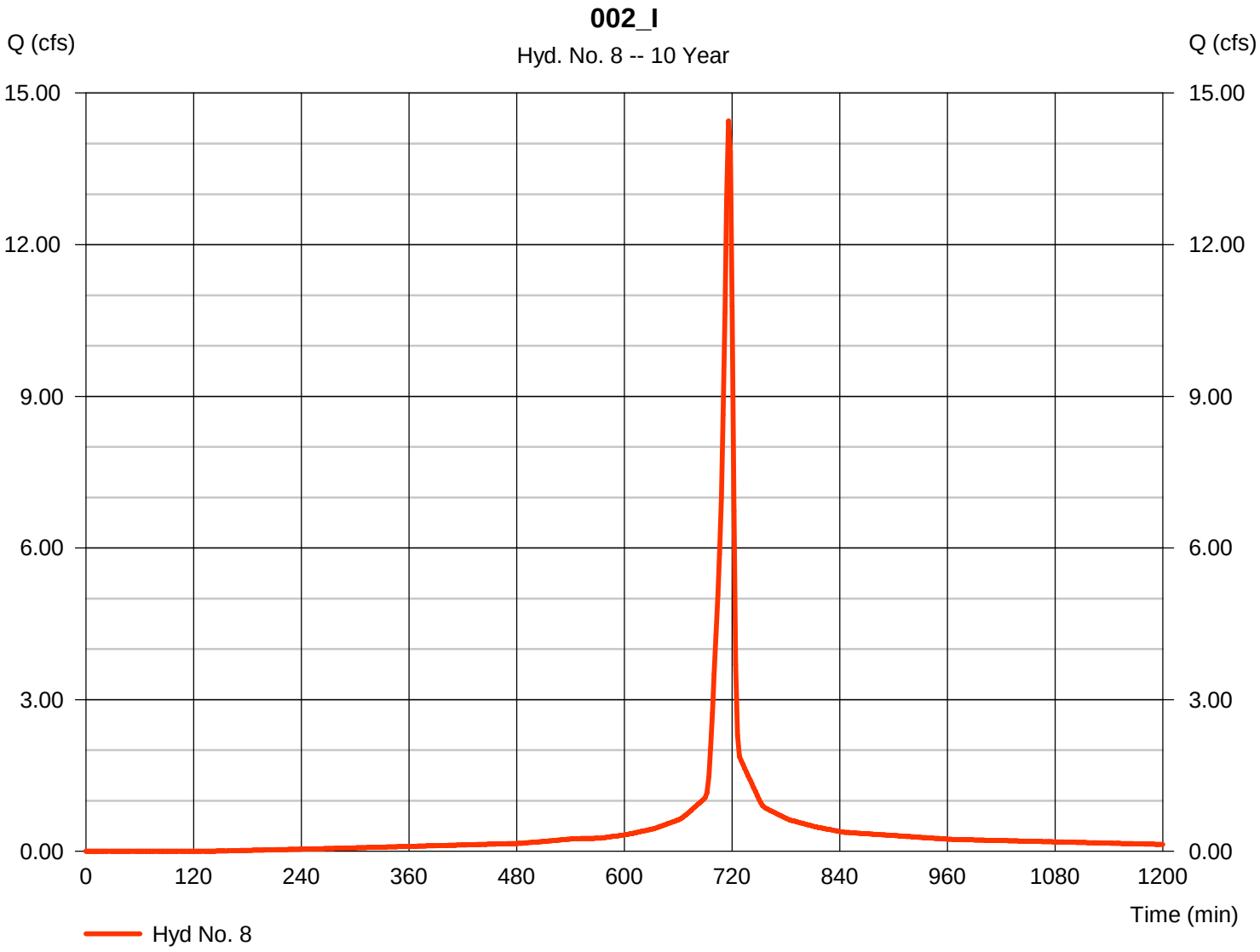
Hydrograph Report

Hyd. No. 8

002_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	14.45 cfs
Storm frequency	=	10 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	32,433 cuft
Drainage area	=	2.120 ac	Curve number	=	94*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.802 x 98) + (0.192 x 71) + (0.125 x 71)] / 2.120



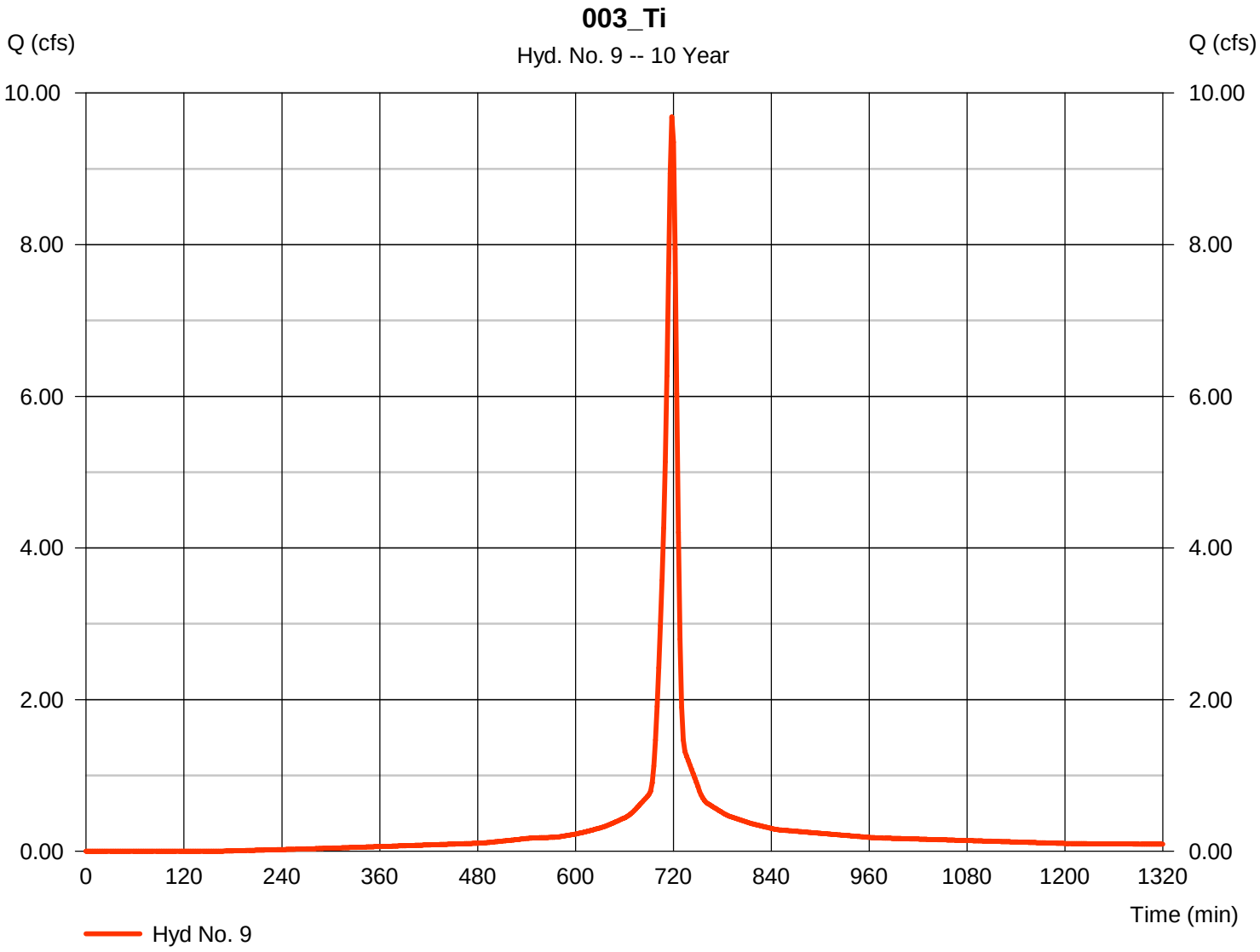
Hydrograph Report

Hyd. No. 9

003_Ti

Hydrograph type	=	SCS Runoff	Peak discharge	=	9.686 cfs
Storm frequency	=	10 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	24,033 cuft
Drainage area	=	1.510 ac	Curve number	=	93*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	9.20 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.228 x 98) + (0.234 x 71) + (0.049 x 71)] / 1.510

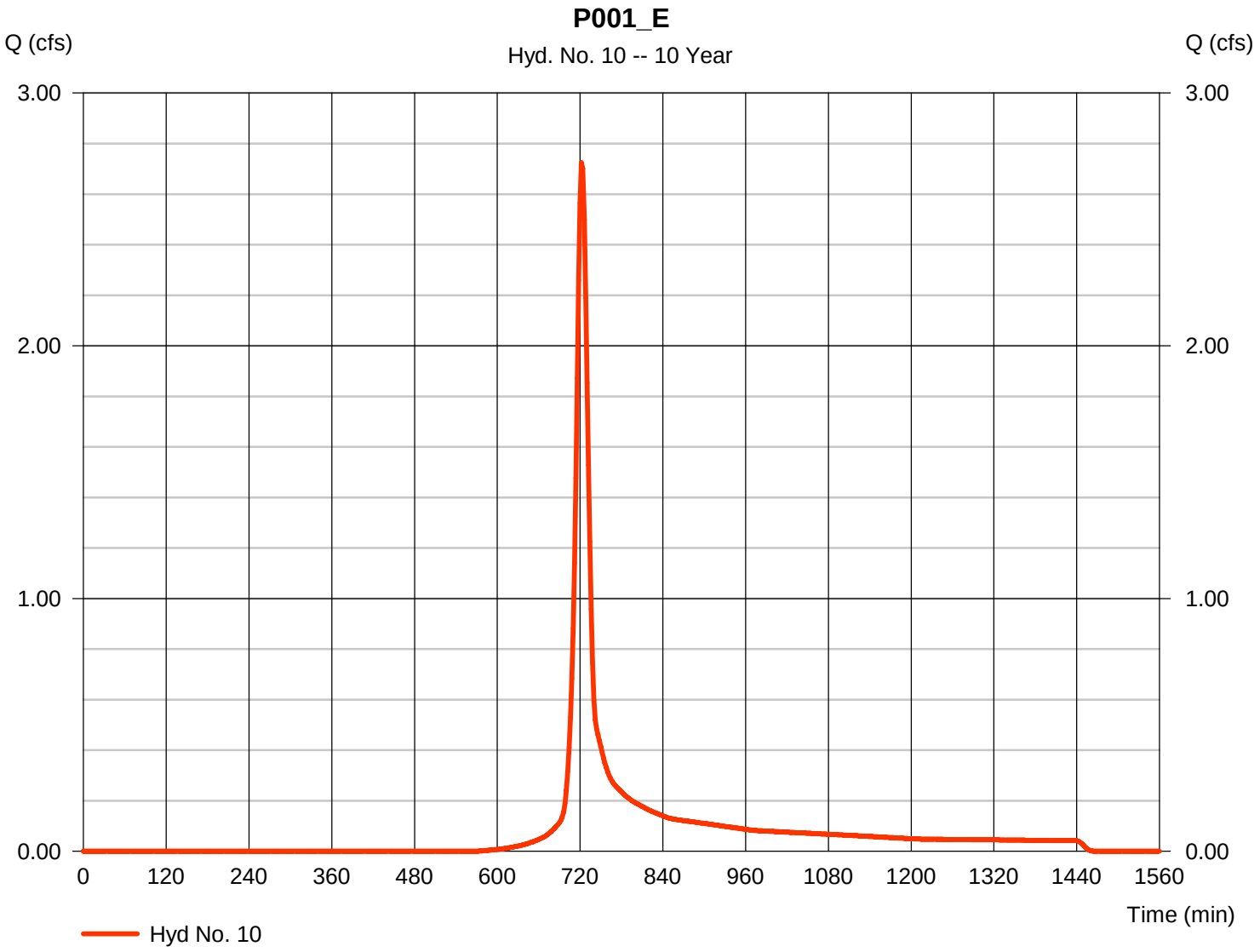


Hydrograph Report

Hyd. No. 10

P001_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.724 cfs
Storm frequency	=	10 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	7,707 cuft
Drainage area	=	0.963 ac	Curve number	=	71
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	14.00 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484



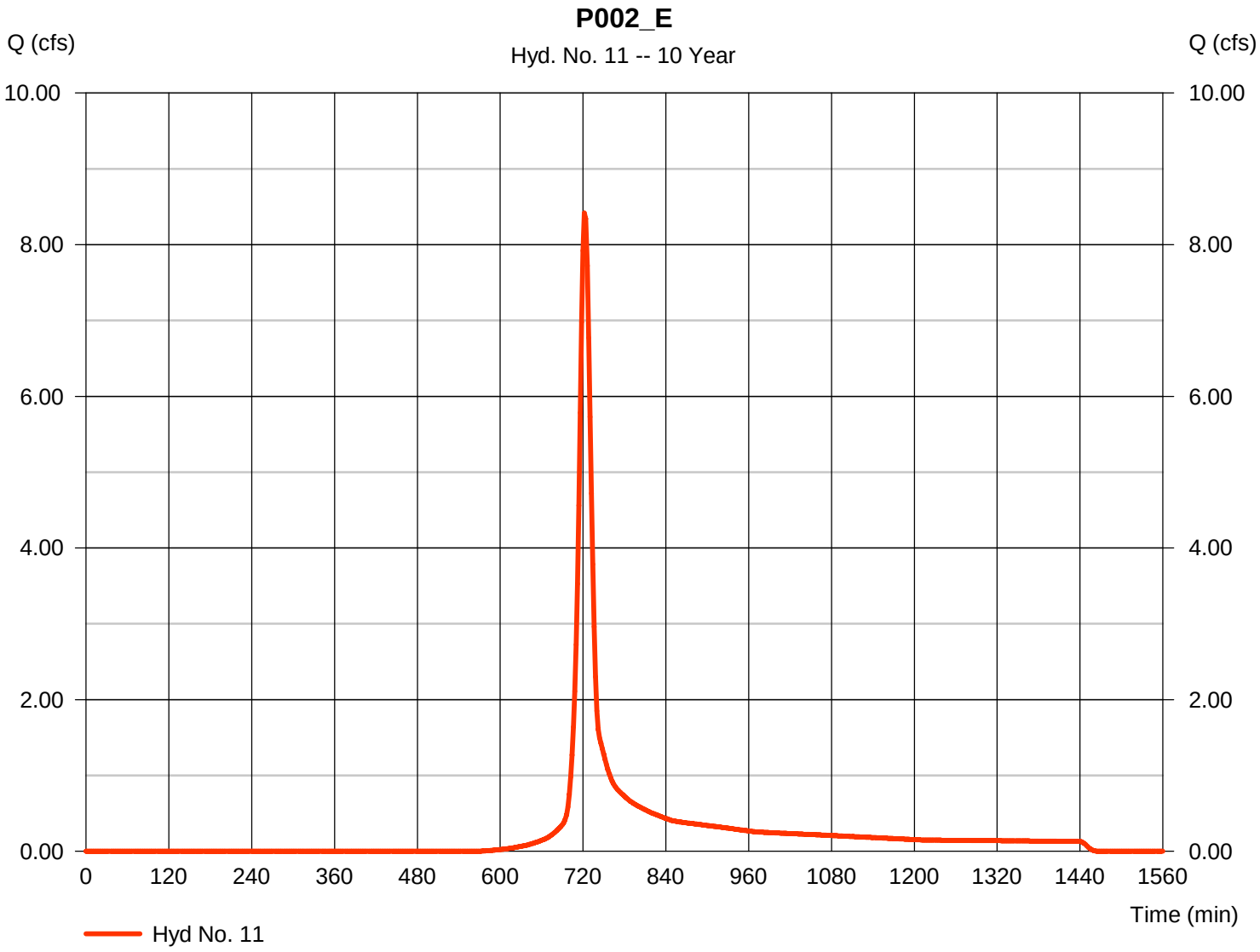
Hydrograph Report

Hyd. No. 11

P002_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	8.416 cfs
Storm frequency	=	10 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	23,808 cuft
Drainage area	=	2.975 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	13.70 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.009 x 98) + (1.040 x 76)] / 2.975



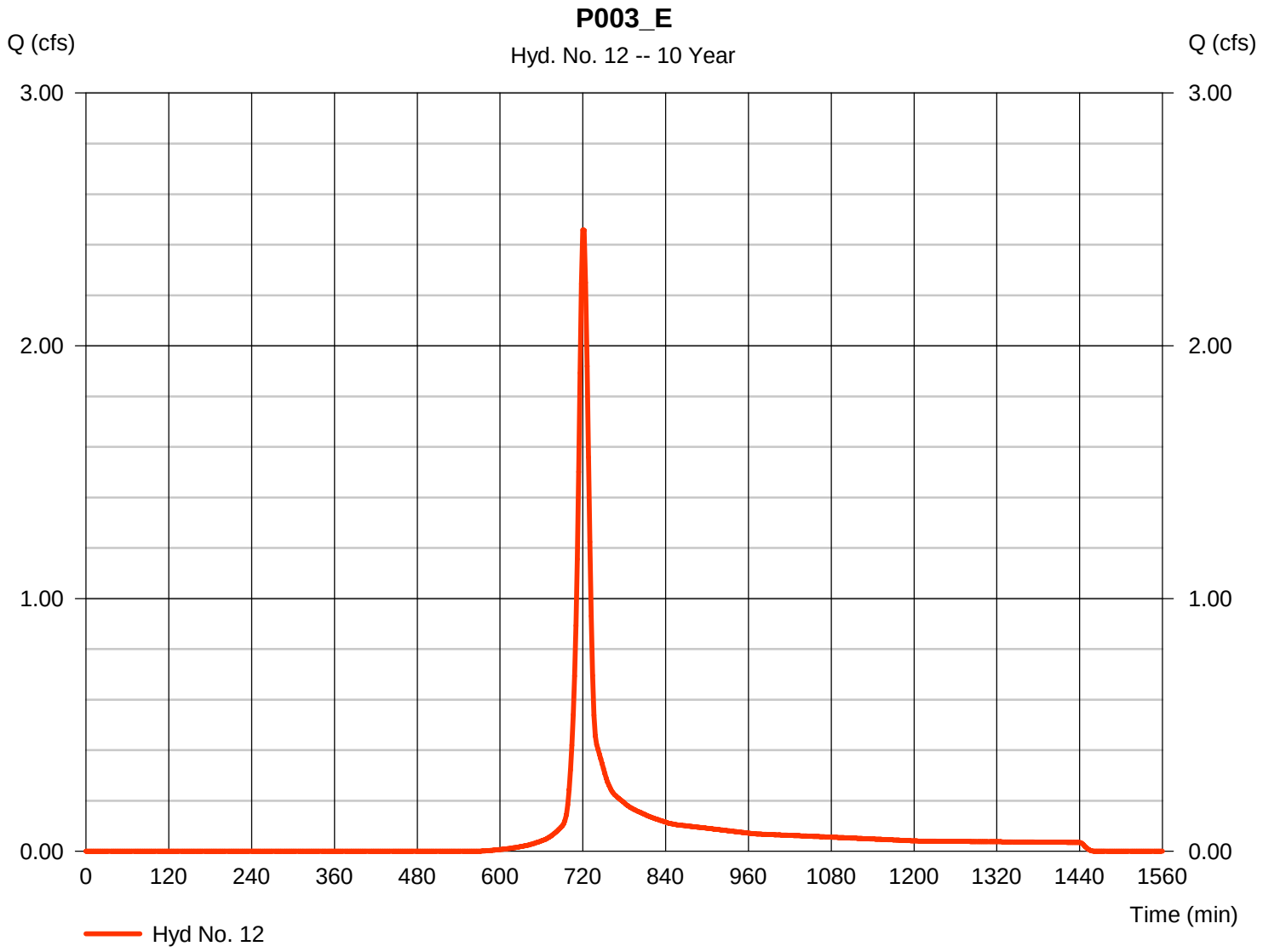
Hydrograph Report

Hyd. No. 12

P003_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.458 cfs
Storm frequency	=	10 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	6,425 cuft
Drainage area	=	0.759 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	12.00 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.304 x 98) + (0.073 x 71)] / 0.759



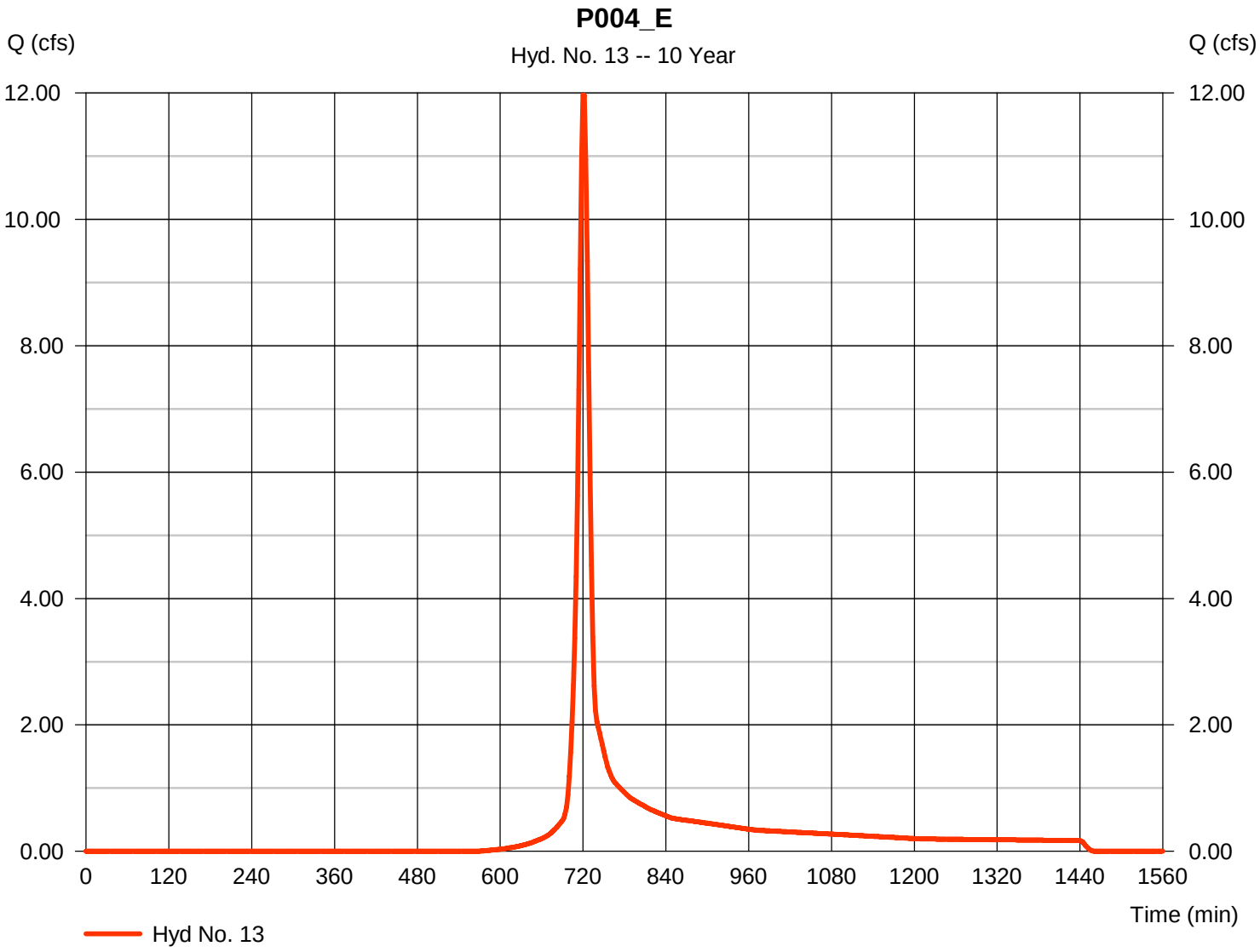
Hydrograph Report

Hyd. No. 13

P004_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	11.97 cfs
Storm frequency	=	10 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	31,276 cuft
Drainage area	=	3.695 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	11.00 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.155 x 98) + (0.109 x 71) + (0.970 x 76)] / 3.695



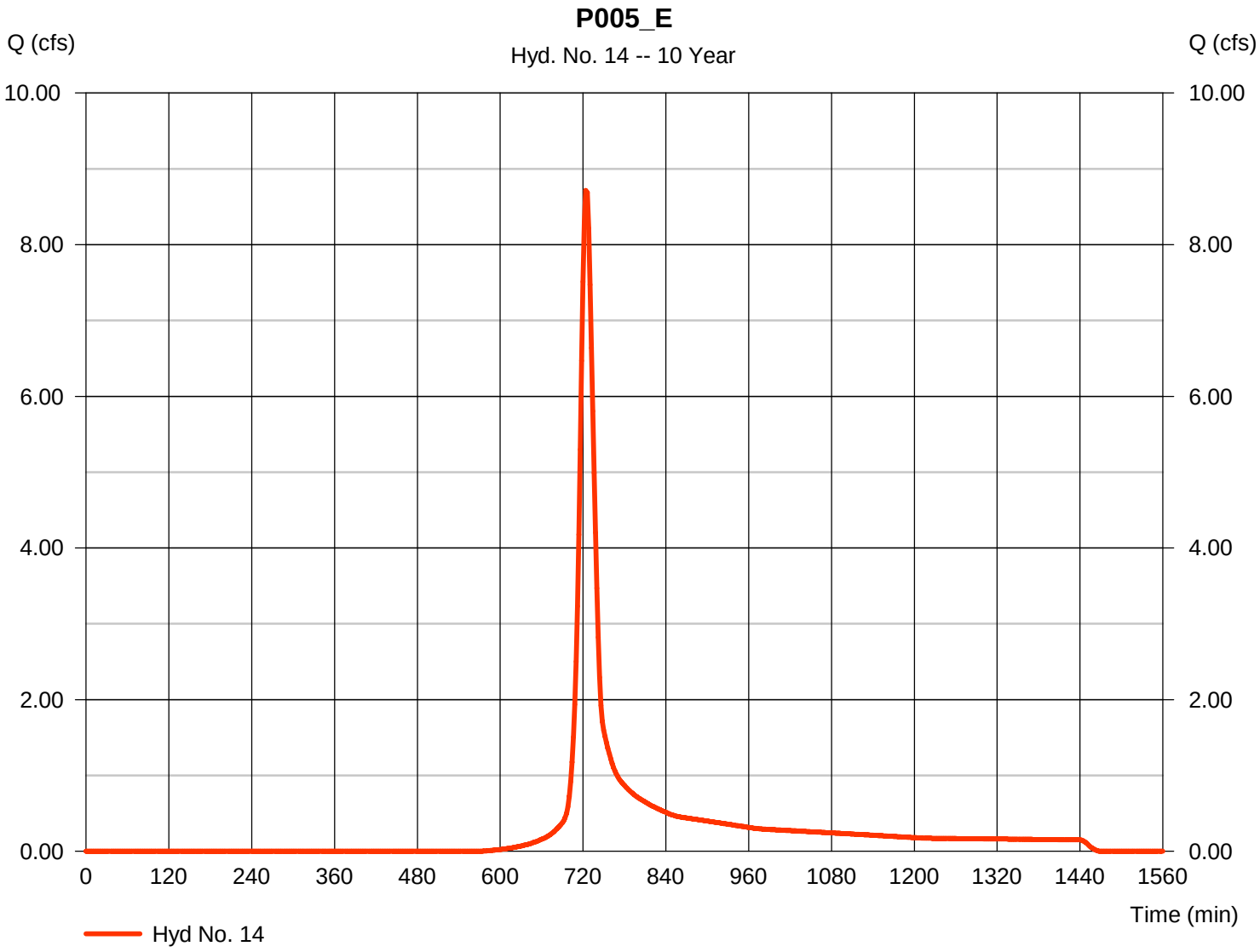
Hydrograph Report

Hyd. No. 14

P005_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	8.716 cfs
Storm frequency	=	10 yrs	Time to peak	=	724 min
Time interval	=	2 min	Hyd. volume	=	27,628 cuft
Drainage area	=	3.366 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	17.50 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.220 x 98) + (0.052 x 71) + (0.081 x 71) + (0.080 x 71)] / 3.366



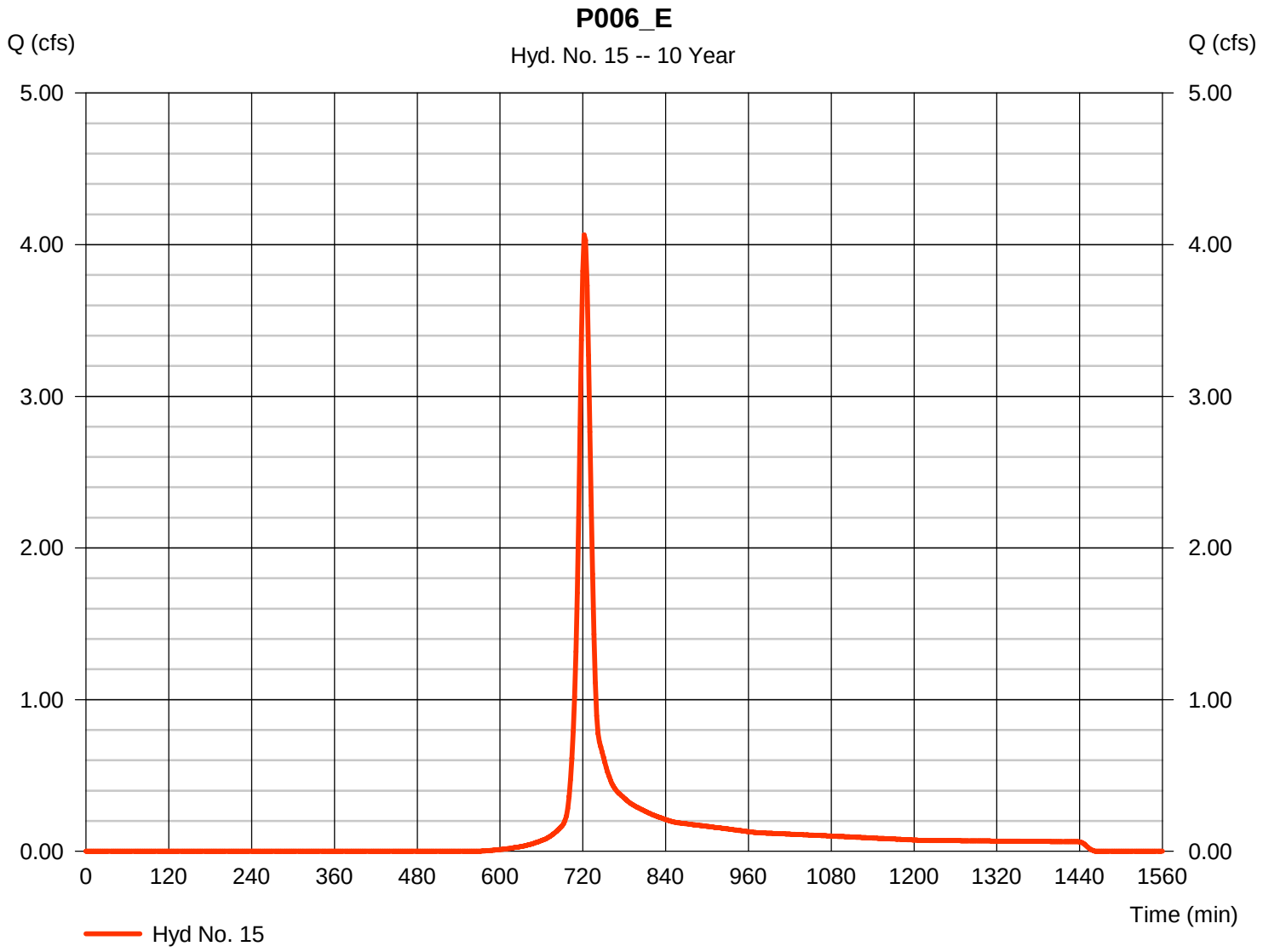
Hydrograph Report

Hyd. No. 15

P006_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	4.065 cfs
Storm frequency	=	10 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	11,500 cuft
Drainage area	=	1.437 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	16.20 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.783 x 98) + (0.059 x 71) + (0.144 x 71) + (0.107 x 71)] / 1.437



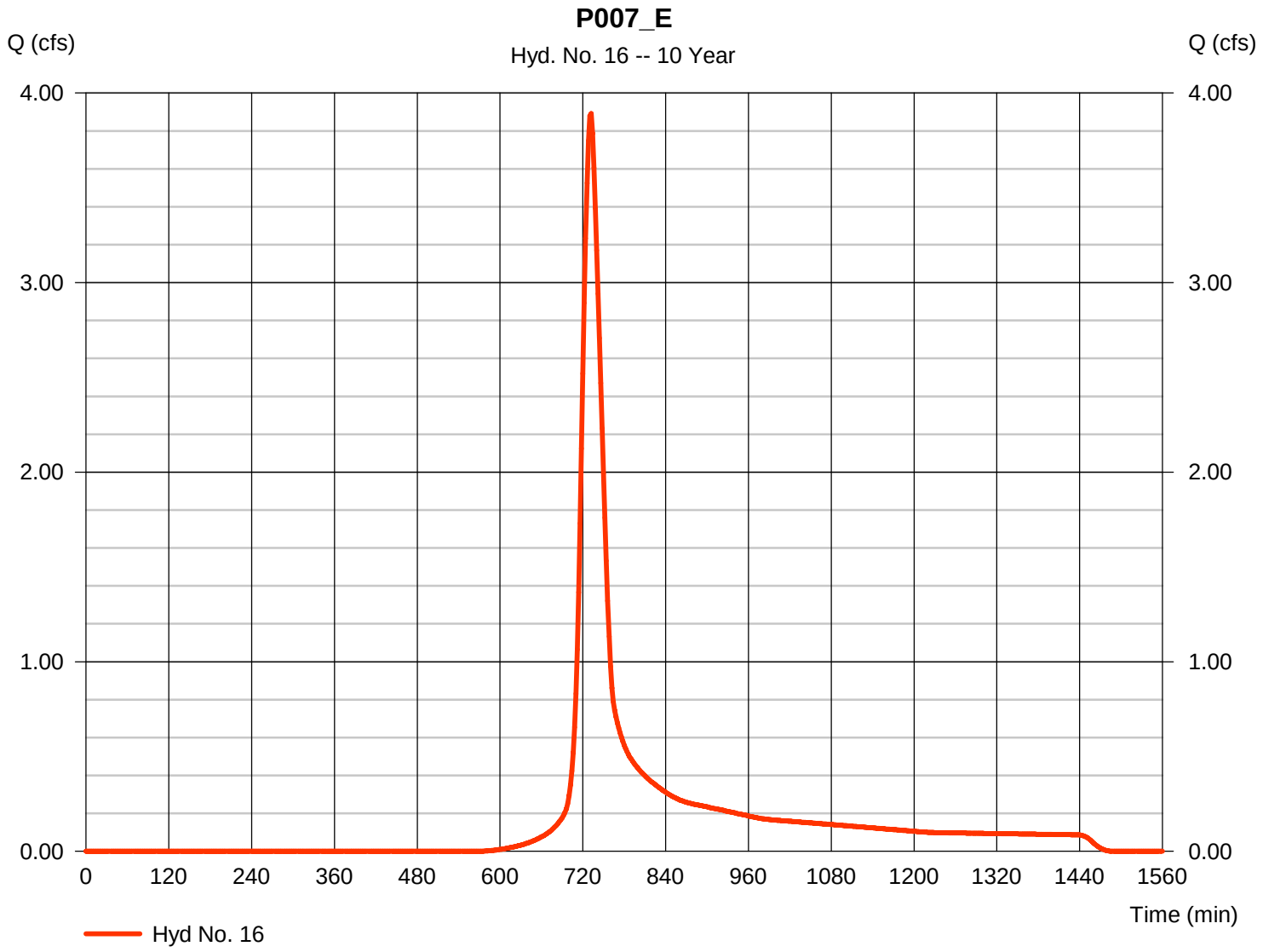
Hydrograph Report

Hyd. No. 16

P007_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	3.891 cfs
Storm frequency	=	10 yrs	Time to peak	=	732 min
Time interval	=	2 min	Hyd. volume	=	15,841 cuft
Drainage area	=	1.930 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	28.30 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.655 x 71) + (0.623 x 98)] / 1.930



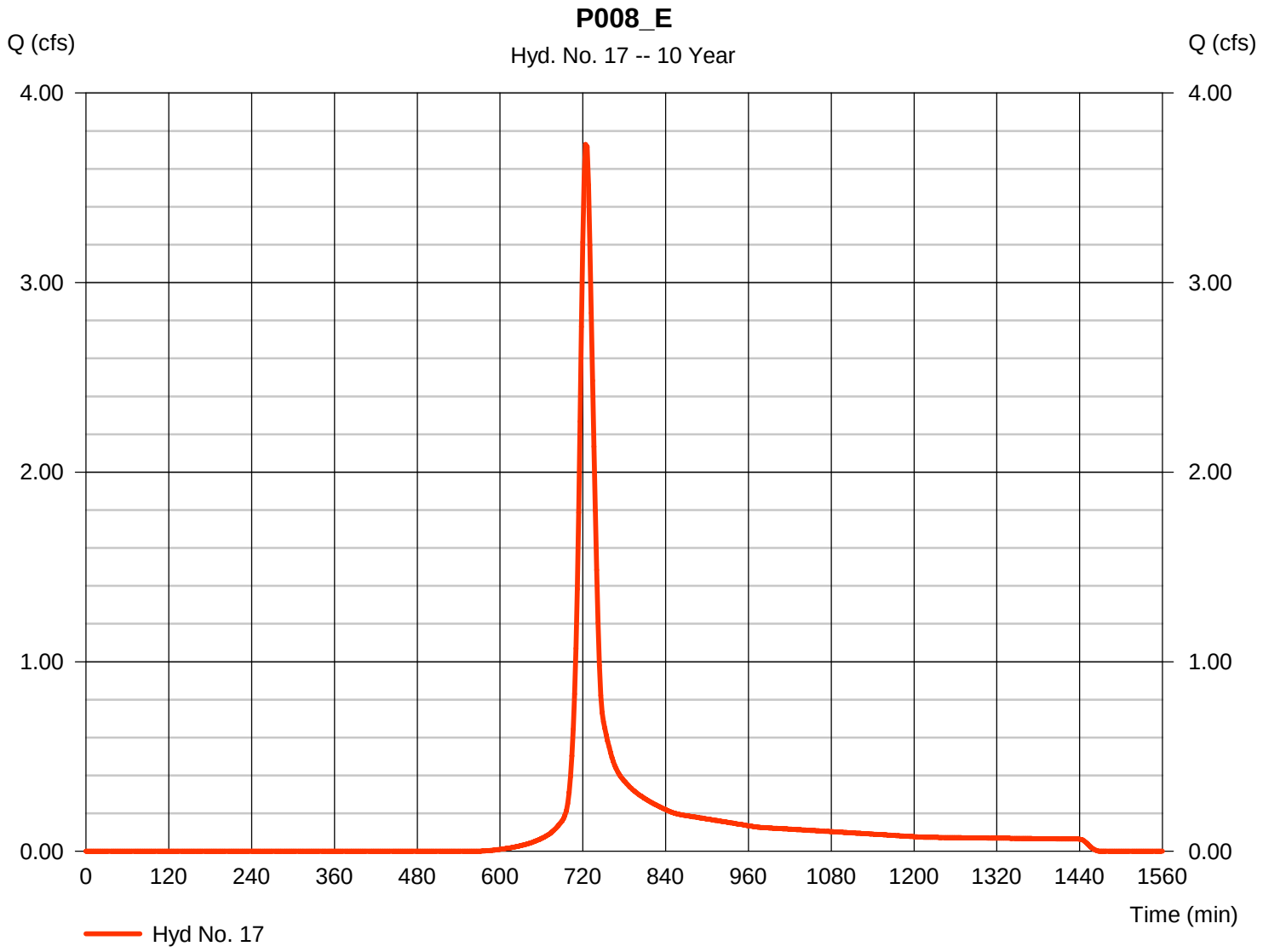
Hydrograph Report

Hyd. No. 17

P008_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	3.729 cfs
Storm frequency	=	10 yrs	Time to peak	=	724 min
Time interval	=	2 min	Hyd. volume	=	11,820 cuft
Drainage area	=	1.440 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	19.00 min
Total precip.	=	5.19 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.736 x 98) + (0.681 x 71)] / 1.440

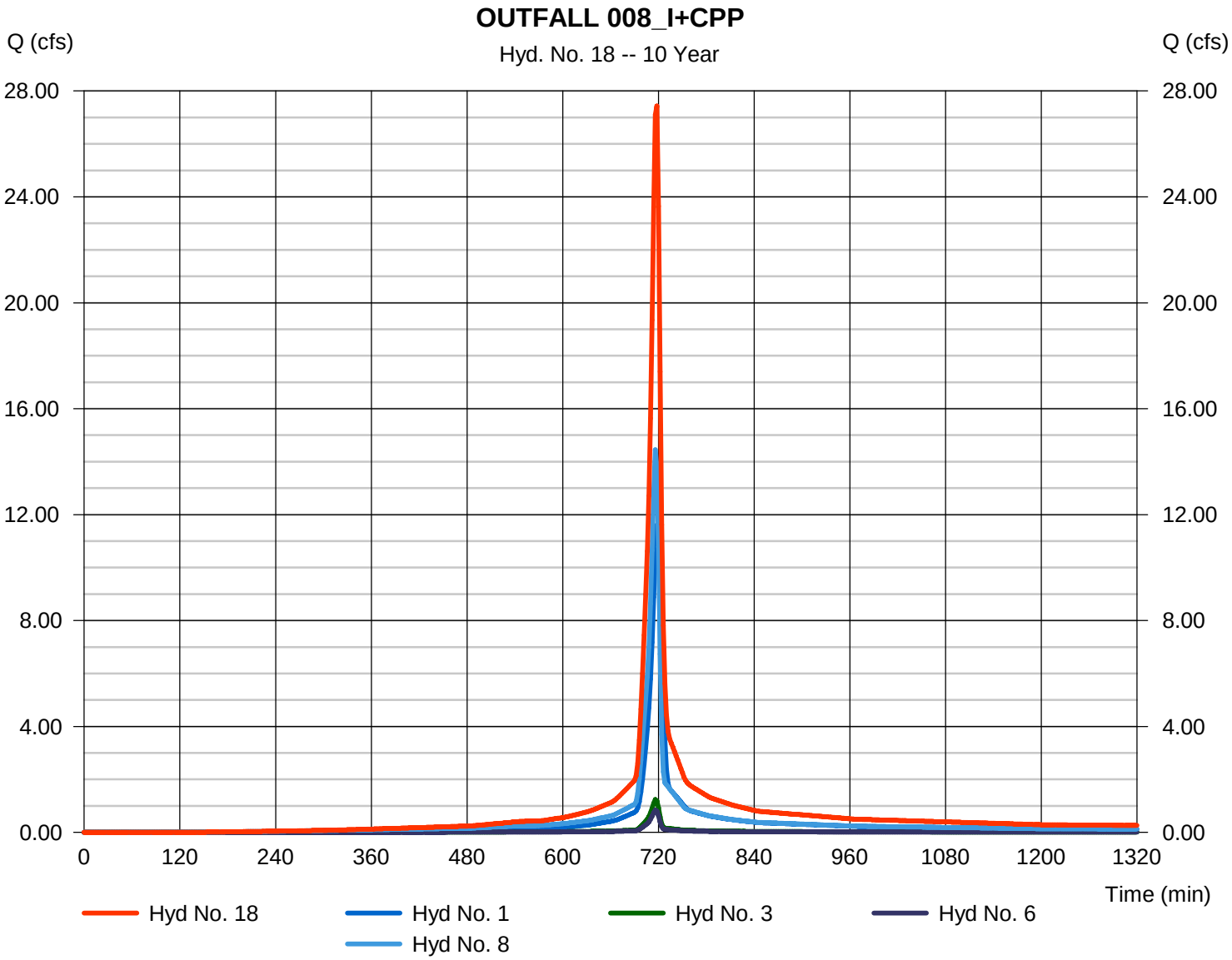


Hydrograph Report

Hyd. No. 18

OUTFALL 008_I+CPP

Hydrograph type	= Combine	Peak discharge	= 27.44 cfs
Storm frequency	= 10 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 64,241 cuft
Inflow hyds.	= 1, 3, 6, 8	Contrib. drain. area	= 4.493 ac

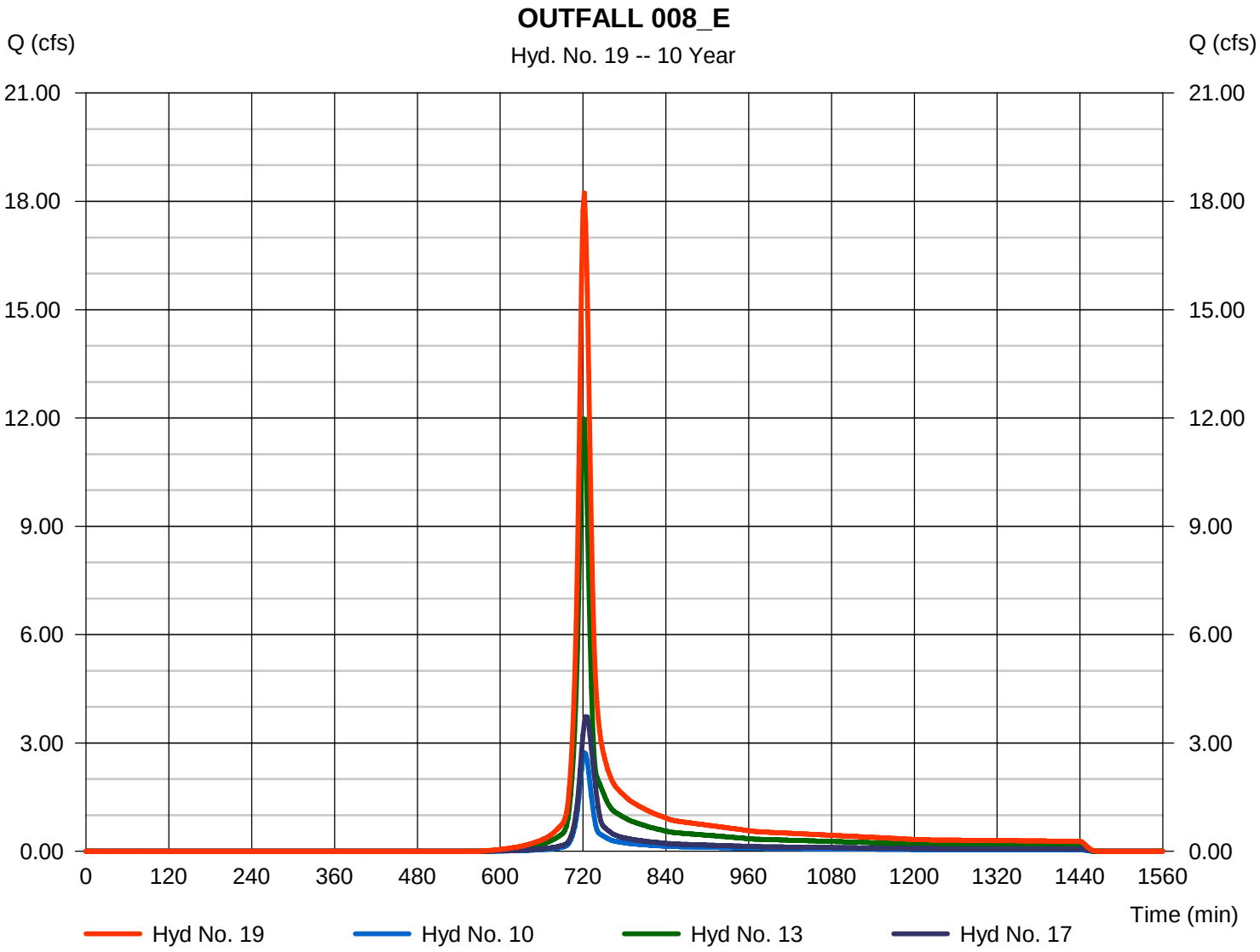


Hydrograph Report

Hyd. No. 19

OUTFALL 008_E

Hydrograph type	= Combine	Peak discharge	= 18.23 cfs
Storm frequency	= 10 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 50,803 cuft
Inflow hyds.	= 10, 13, 17	Contrib. drain. area	= 6.098 ac

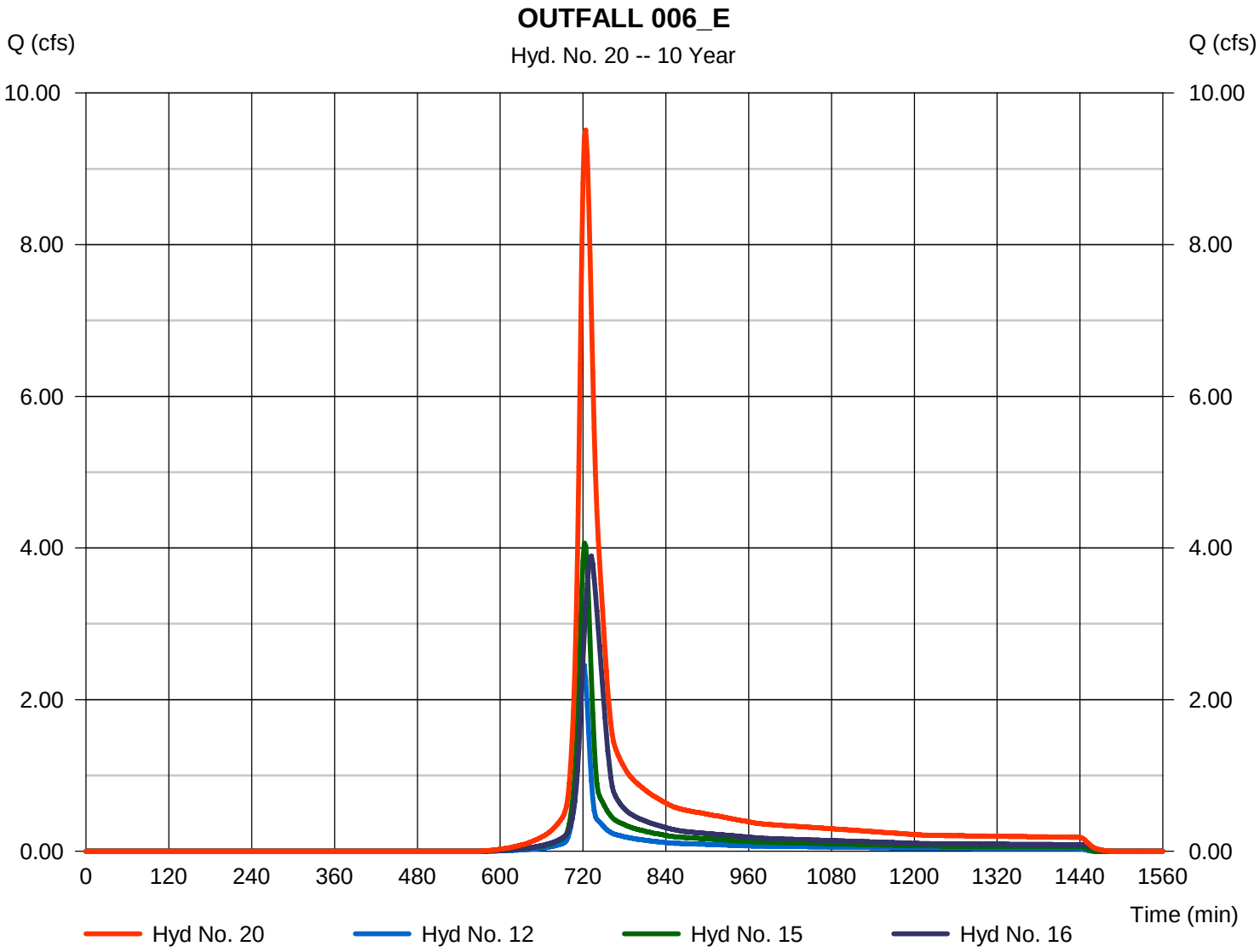


Hydrograph Report

Hyd. No. 20

OUTFALL 006_E

Hydrograph type	= Combine	Peak discharge	= 9.512 cfs
Storm frequency	= 10 yrs	Time to peak	= 724 min
Time interval	= 2 min	Hyd. volume	= 33,766 cuft
Inflow hyds.	= 12, 15, 16	Contrib. drain. area	= 4.126 ac

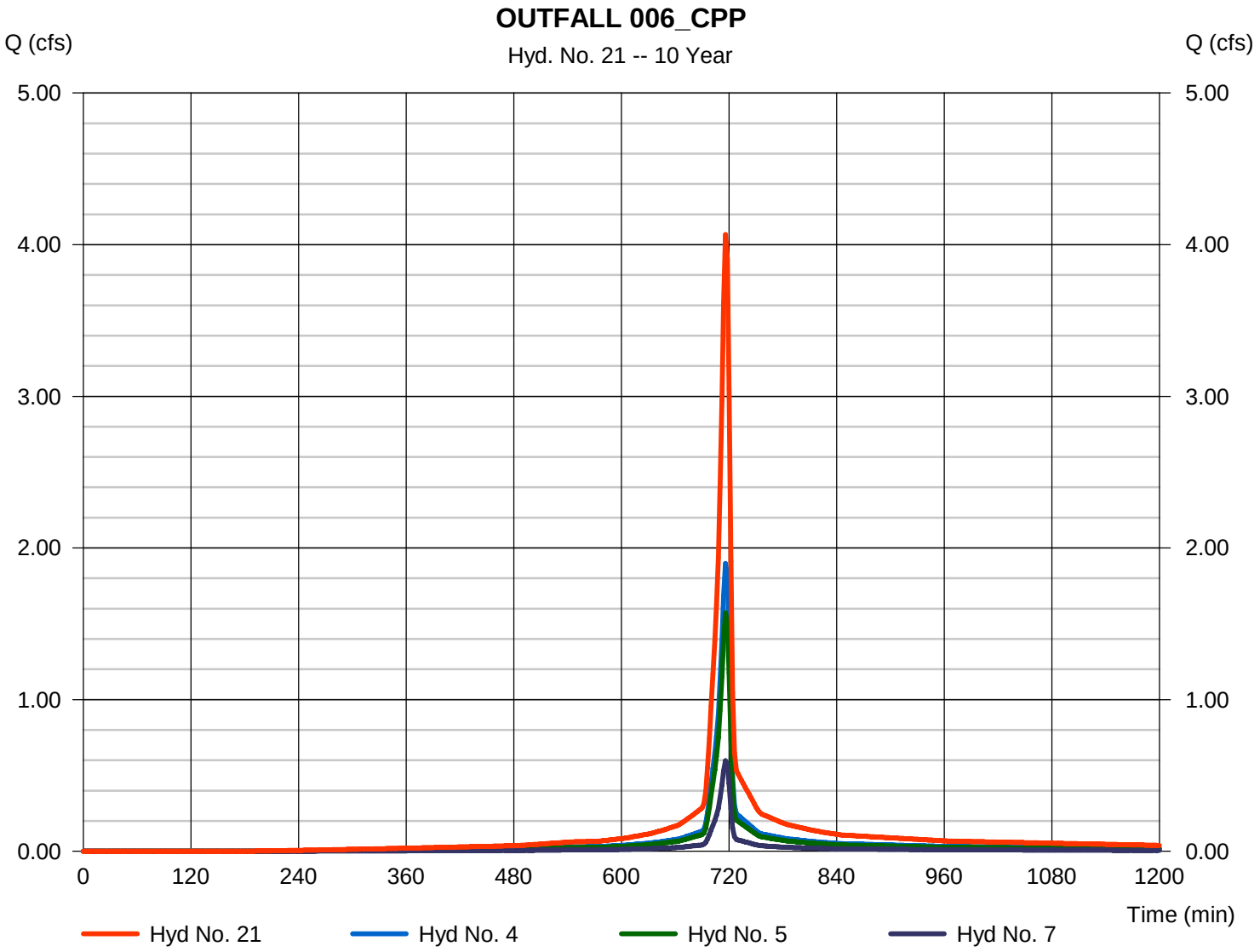


Hydrograph Report

Hyd. No. 21

OUTFALL 006_CPP

Hydrograph type	= Combine	Peak discharge	= 4.066 cfs
Storm frequency	= 10 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 8,918 cuft
Inflow hyds.	= 4, 5, 7	Contrib. drain. area	= 0.613 ac

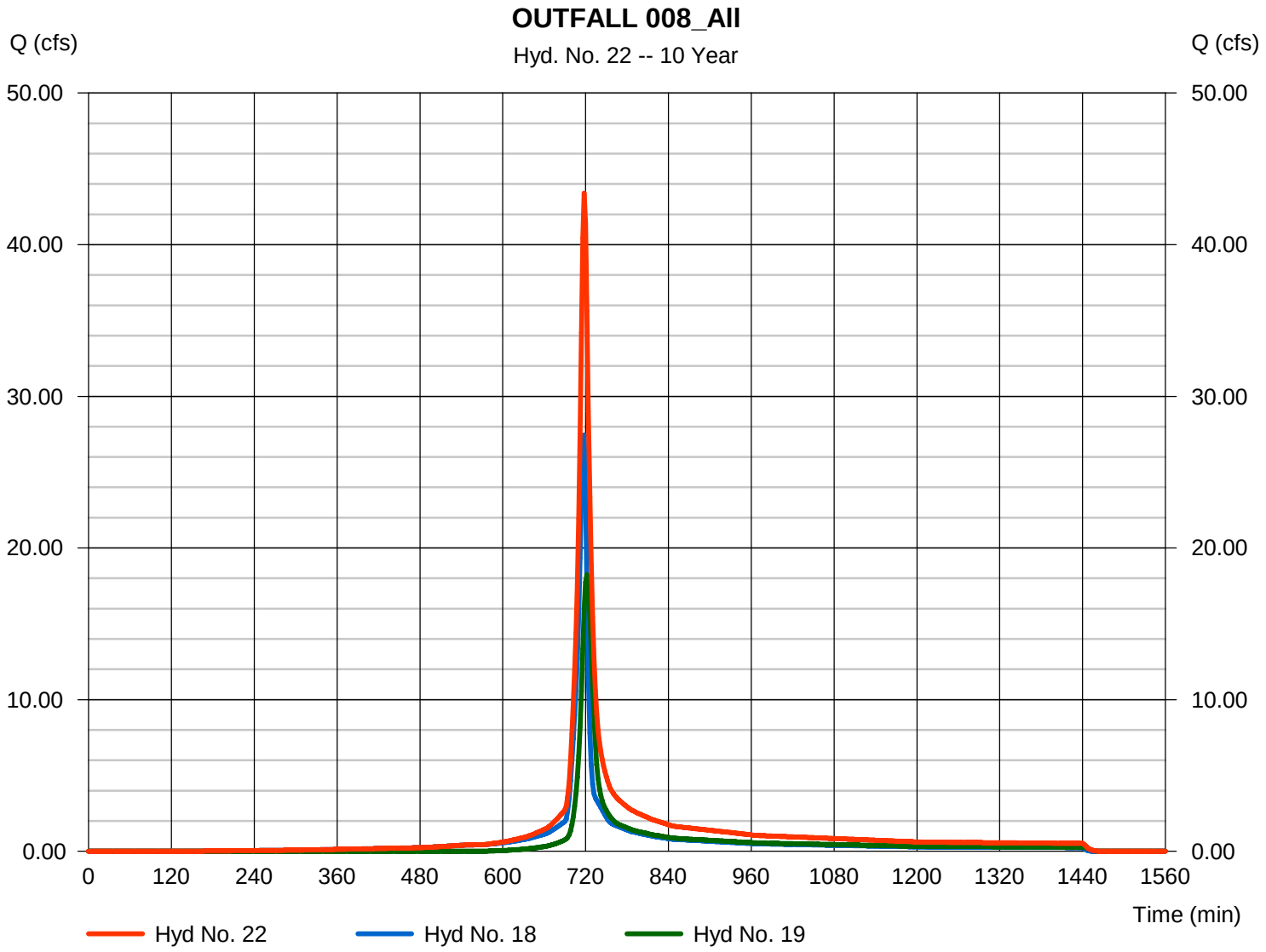


Hydrograph Report

Hyd. No. 22

OUTFALL 008_All

Hydrograph type	=	Combine	Peak discharge	=	43.39 cfs
Storm frequency	=	10 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	115,044 cuft
Inflow hyds.	=	18, 19	Contrib. drain. area	=	0.000 ac

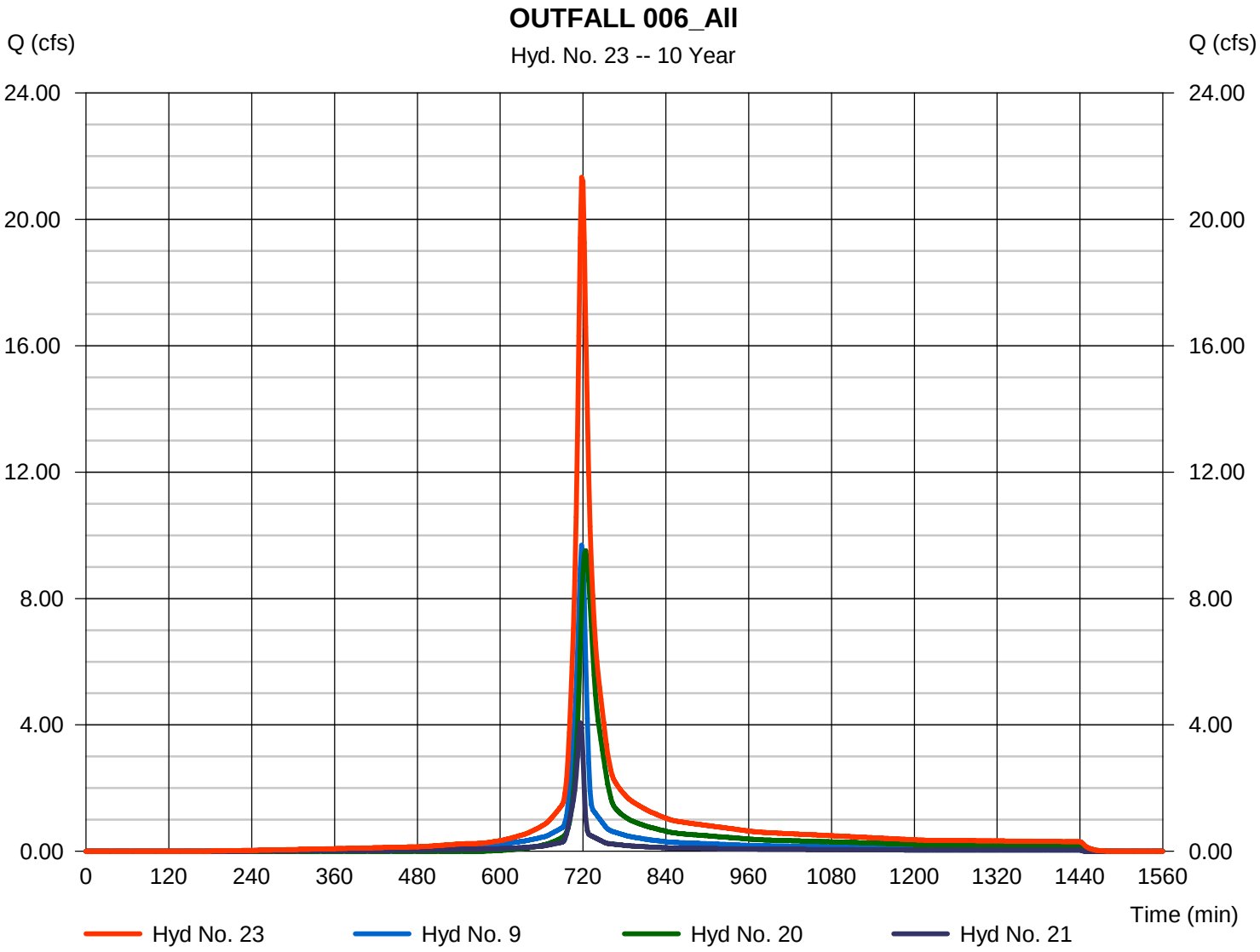


Hydrograph Report

Hyd. No. 23

OUTFALL 006_All

Hydrograph type	= Combine	Peak discharge	= 21.33 cfs
Storm frequency	= 10 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 66,717 cuft
Inflow hyds.	= 9, 20, 21	Contrib. drain. area	= 1.510 ac

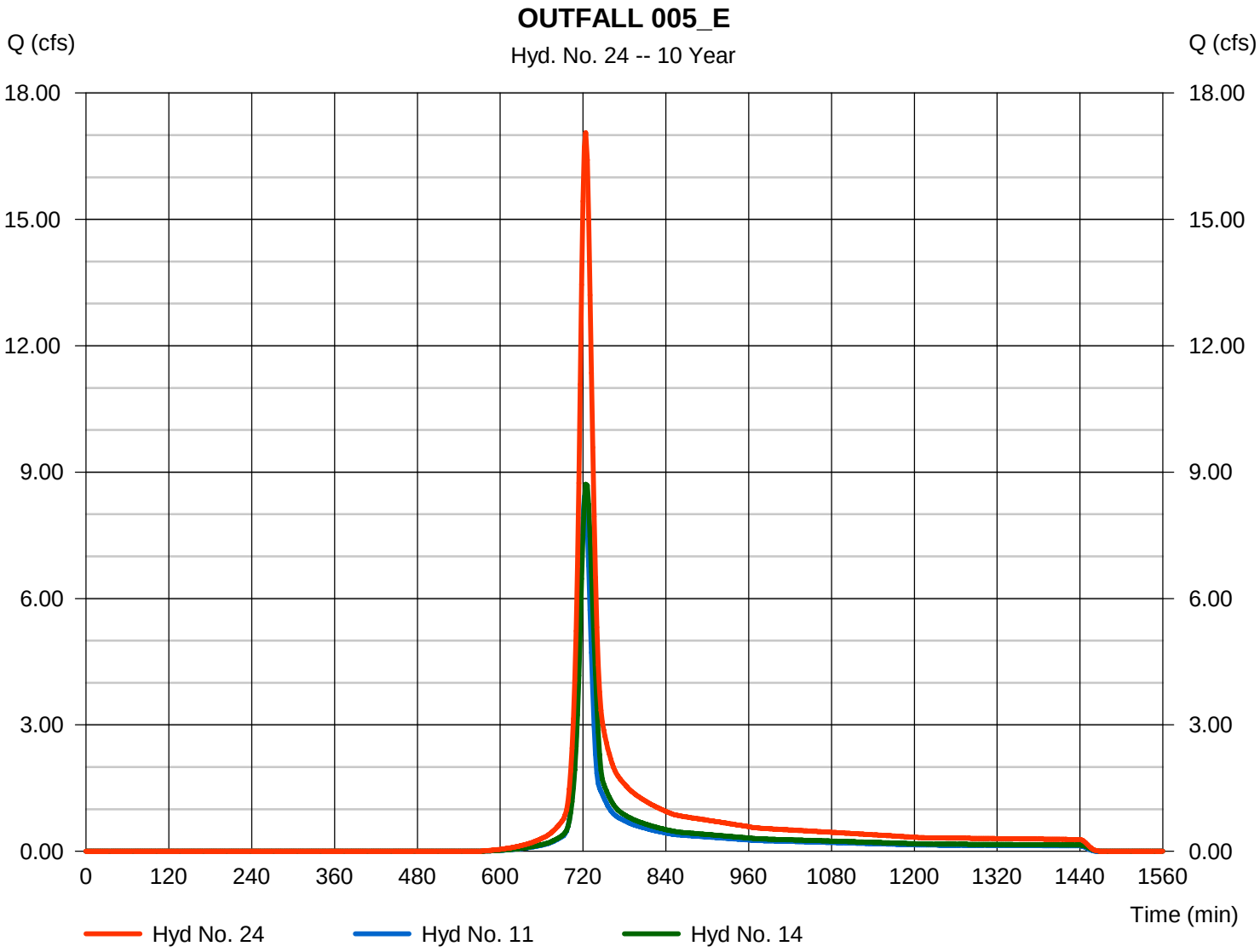


Hydrograph Report

Hyd. No. 24

OUTFALL 005_E

Hydrograph type	= Combine	Peak discharge	= 17.06 cfs
Storm frequency	= 10 yrs	Time to peak	= 724 min
Time interval	= 2 min	Hyd. volume	= 51,437 cuft
Inflow hyds.	= 11, 14	Contrib. drain. area	= 6.341 ac

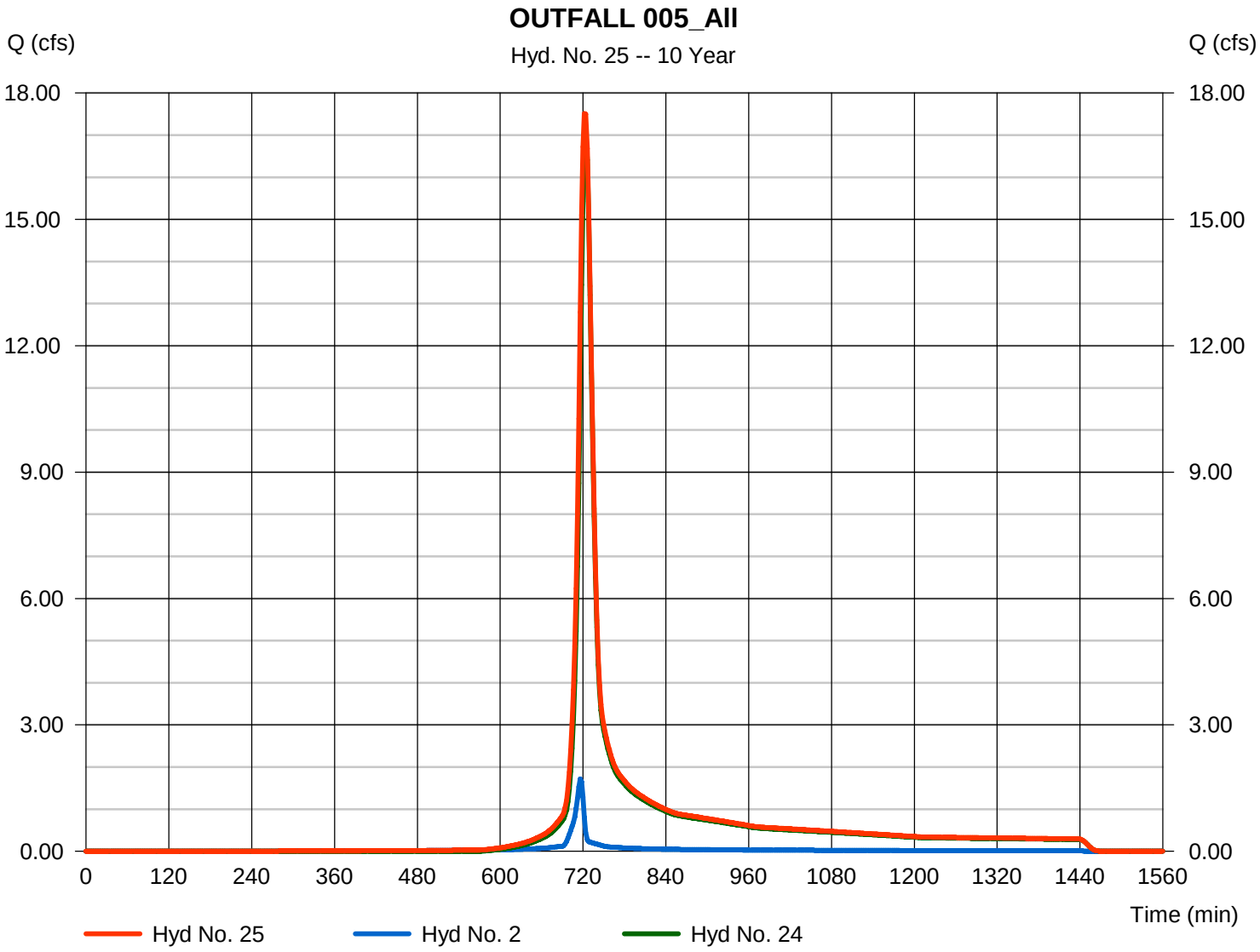


Hydrograph Report

Hyd. No. 25

OUTFALL 005_All

Hydrograph type	= Combine	Peak discharge	= 17.51 cfs
Storm frequency	= 10 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 55,205 cuft
Inflow hyds.	= 2, 24	Contrib. drain. area	= 0.259 ac



Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	15.32	2	718	36,538	------	------	------	001_I
2	SCS Runoff	2.197	2	716	4,902	------	------	------	004_CPP
3	SCS Runoff	1.586	2	716	3,539	------	------	------	005_CPP
4	SCS Runoff	2.426	2	716	5,413	------	------	------	006_CPP
5	SCS Runoff	2.010	2	716	4,486	------	------	------	007_CPP
6	SCS Runoff	1.069	2	716	2,385	------	------	------	008_CPP
7	SCS Runoff	0.763	2	716	1,703	------	------	------	009_CPP
8	SCS Runoff	18.33	2	716	41,788	------	------	------	002_I
9	SCS Runoff	12.34	2	718	31,115	------	------	------	003_Ti
10	SCS Runoff	4.018	2	722	11,270	------	------	------	P001_E
11	SCS Runoff	12.41	2	722	34,816	------	------	------	P002_E
12	SCS Runoff	3.622	2	720	9,395	------	------	------	P003_E
13	SCS Runoff	17.63	2	720	45,737	------	------	------	P004_E
14	SCS Runoff	12.89	2	724	40,402	------	------	------	P005_E
15	SCS Runoff	5.995	2	722	16,817	------	------	------	P006_E
16	SCS Runoff	5.764	2	730	23,166	------	------	------	P007_E
17	SCS Runoff	5.516	2	724	17,284	------	------	------	P008_E
18	Combine	35.40	2	718	84,250	1, 3, 6, 8,	------	------	OUTFALL 008_I+CPP
19	Combine	26.79	2	722	74,291	10, 13, 17,	------	------	OUTFALL 008_E
20	Combine	14.06	2	724	49,378	12, 15, 16,	------	------	OUTFALL 006_E
21	Combine	5.200	2	716	11,602	4, 5, 7,	------	------	OUTFALL 006_CPP
22	Combine	59.28	2	718	158,541	18, 19,	------	------	OUTFALL 008_All
23	Combine	29.04	2	718	92,095	9, 20, 21,	------	------	OUTFALL 006_All
24	Combine	25.11	2	724	75,218	11, 14,	------	------	OUTFALL 005_E
25	Combine	25.80	2	722	80,120	2, 24	------	------	OUTFALL 005_All

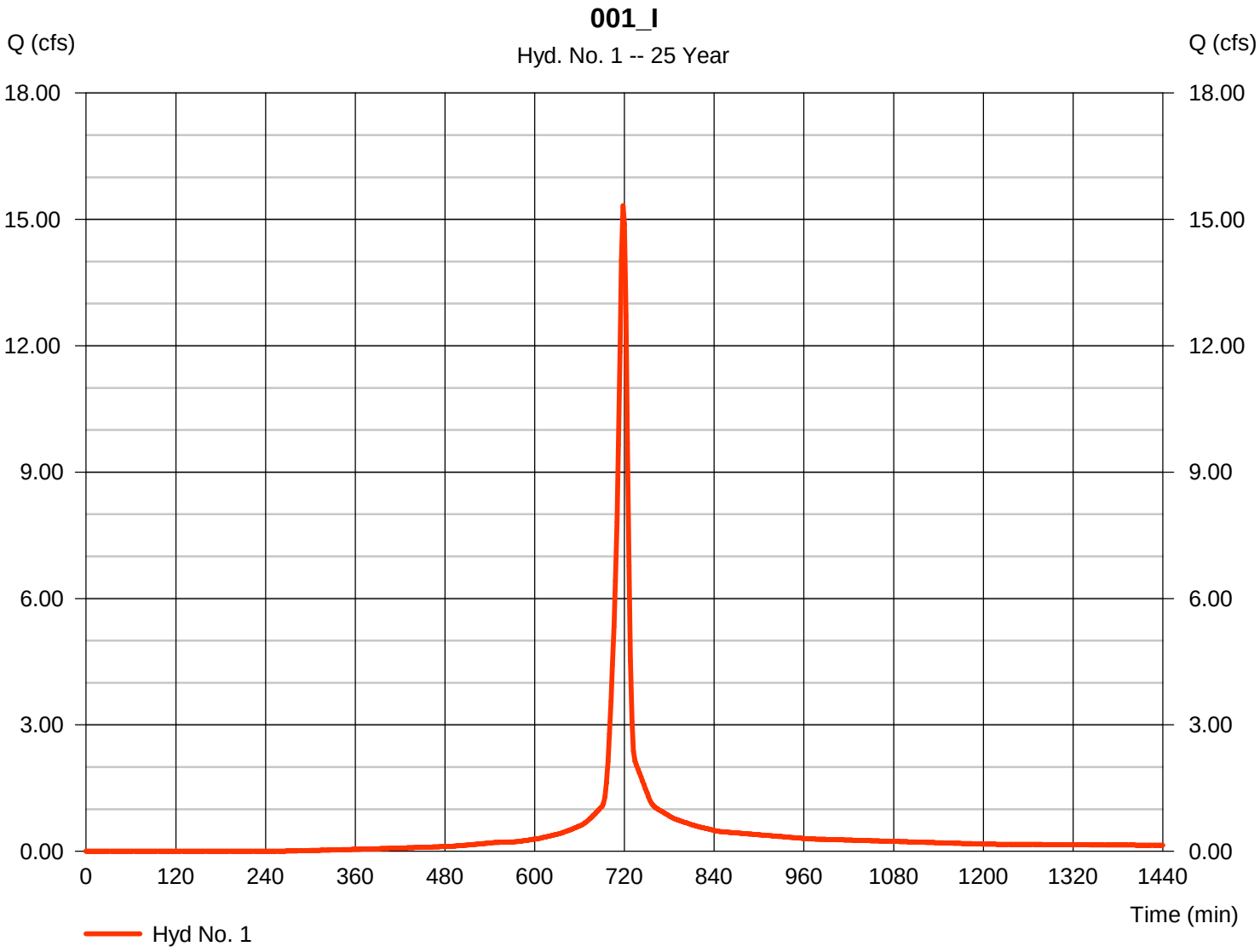
Hydrograph Report

Hyd. No. 1

001_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	15.32 cfs
Storm frequency	=	25 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	36,538 cuft
Drainage area	=	2.060 ac	Curve number	=	86*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	7.20 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.140 x 98) + (0.860 x 71) + (0.060 x 71)] / 2.060

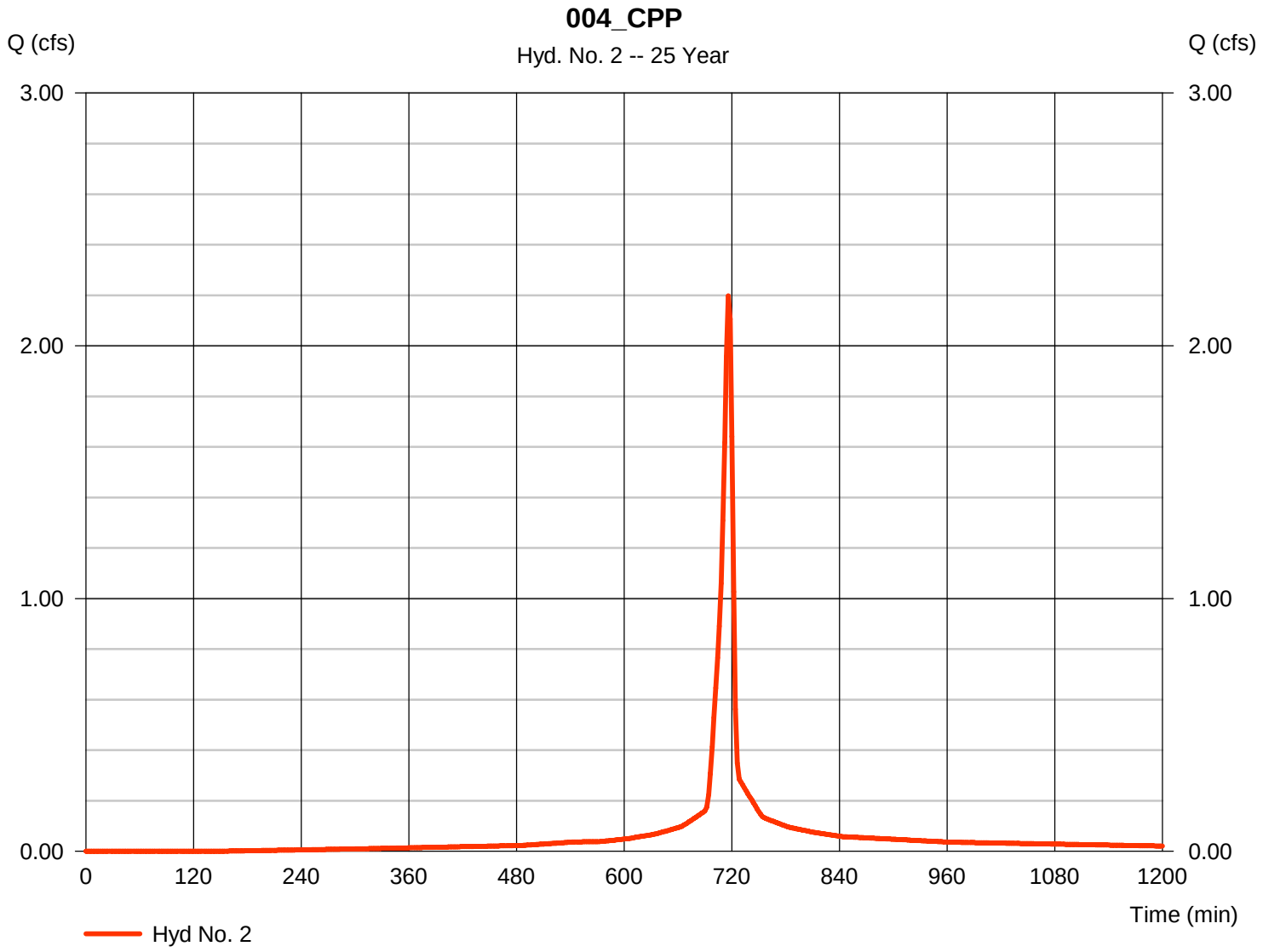


Hydrograph Report

Hyd. No. 2

004_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.197 cfs
Storm frequency	=	25 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	4,902 cuft
Drainage area	=	0.259 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

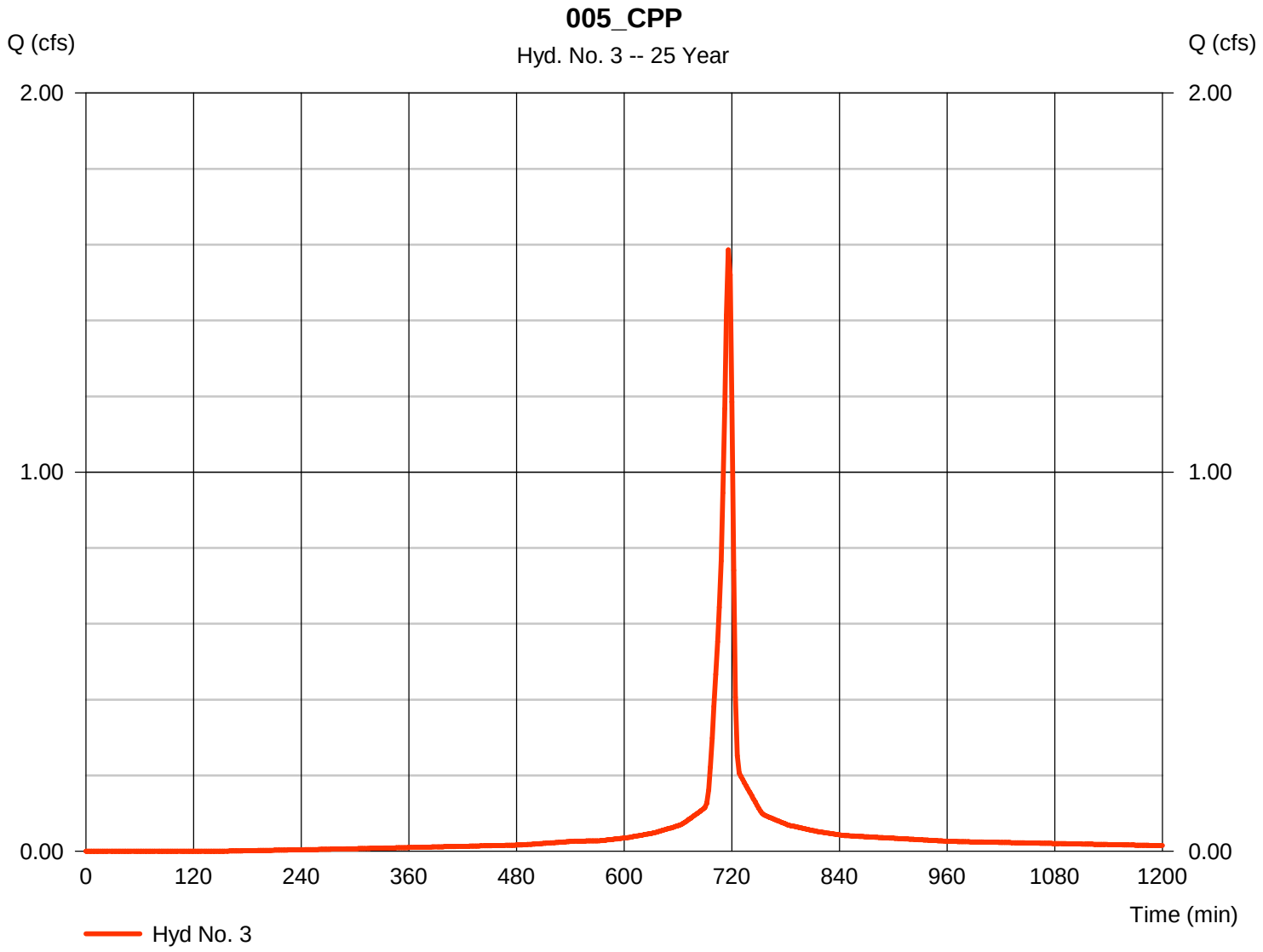


Hydrograph Report

Hyd. No. 3

005_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.586 cfs
Storm frequency	=	25 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	3,539 cuft
Drainage area	=	0.187 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

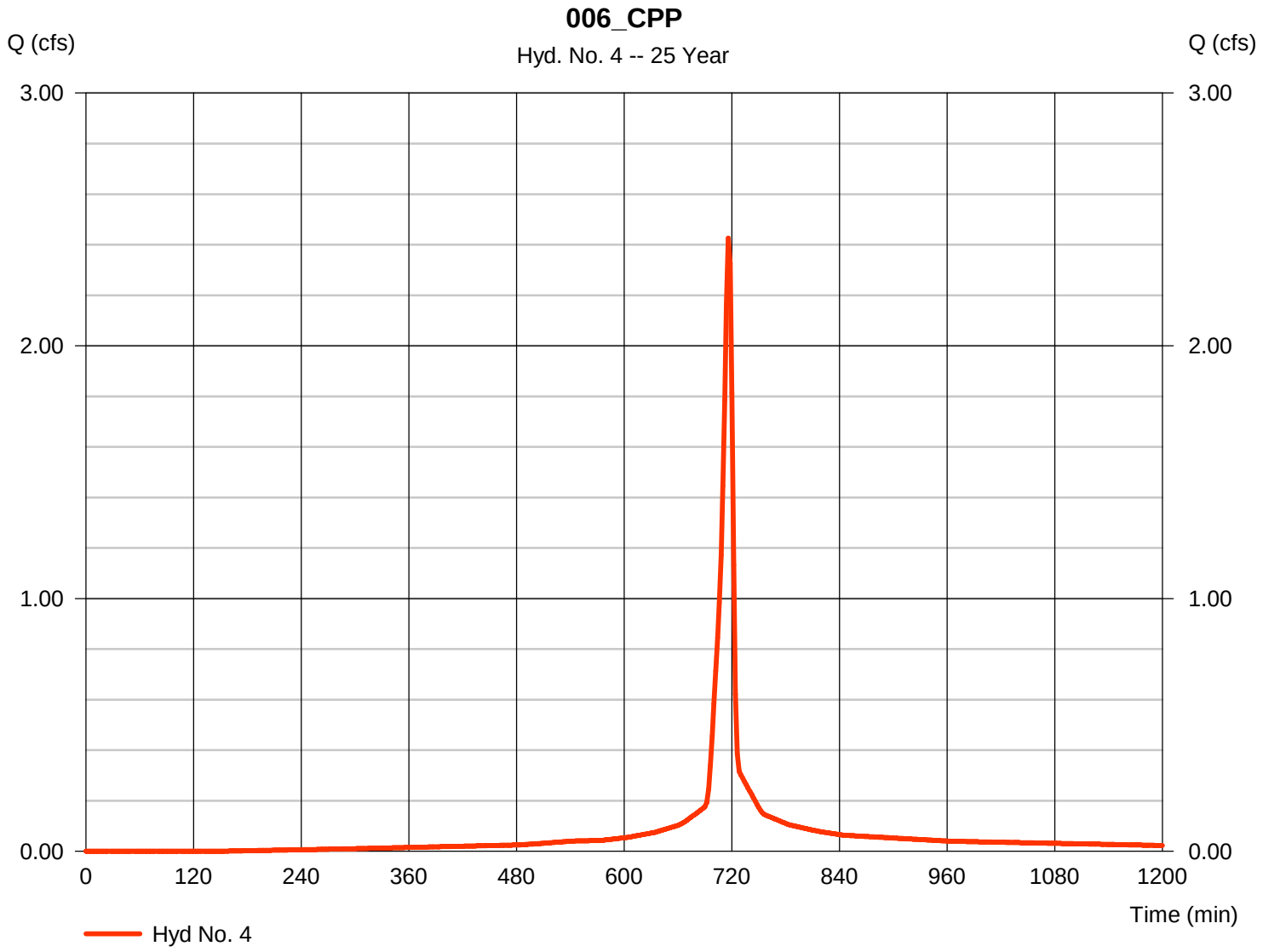


Hydrograph Report

Hyd. No. 4

006_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.426 cfs
Storm frequency	=	25 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	5,413 cuft
Drainage area	=	0.286 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

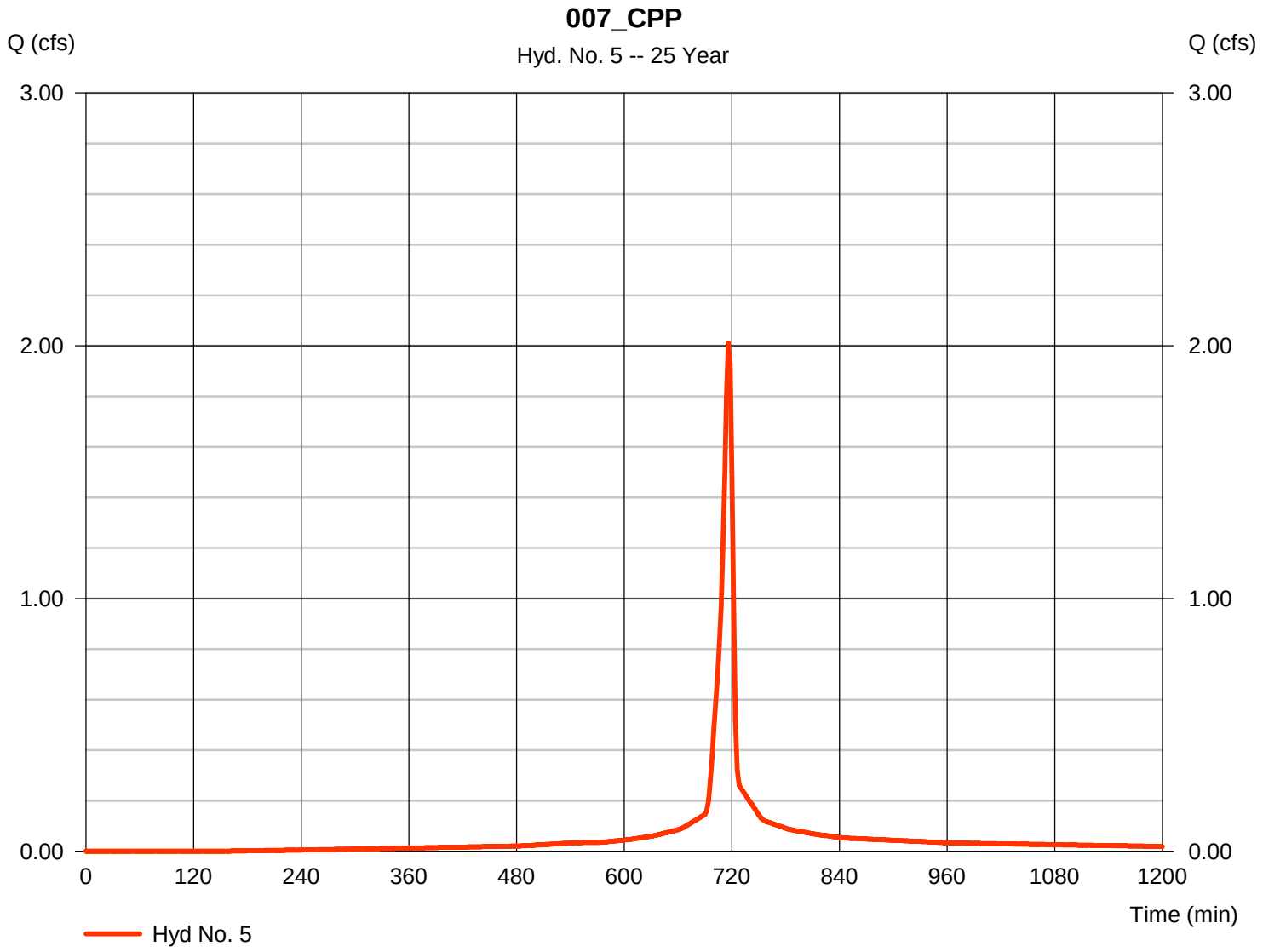


Hydrograph Report

Hyd. No. 5

007_CPP

Hydrograph type	= SCS Runoff	Peak discharge	= 2.010 cfs
Storm frequency	= 25 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 4,486 cuft
Drainage area	= 0.237 ac	Curve number	= 92
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 6.00 min
Total precip.	= 6.50 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

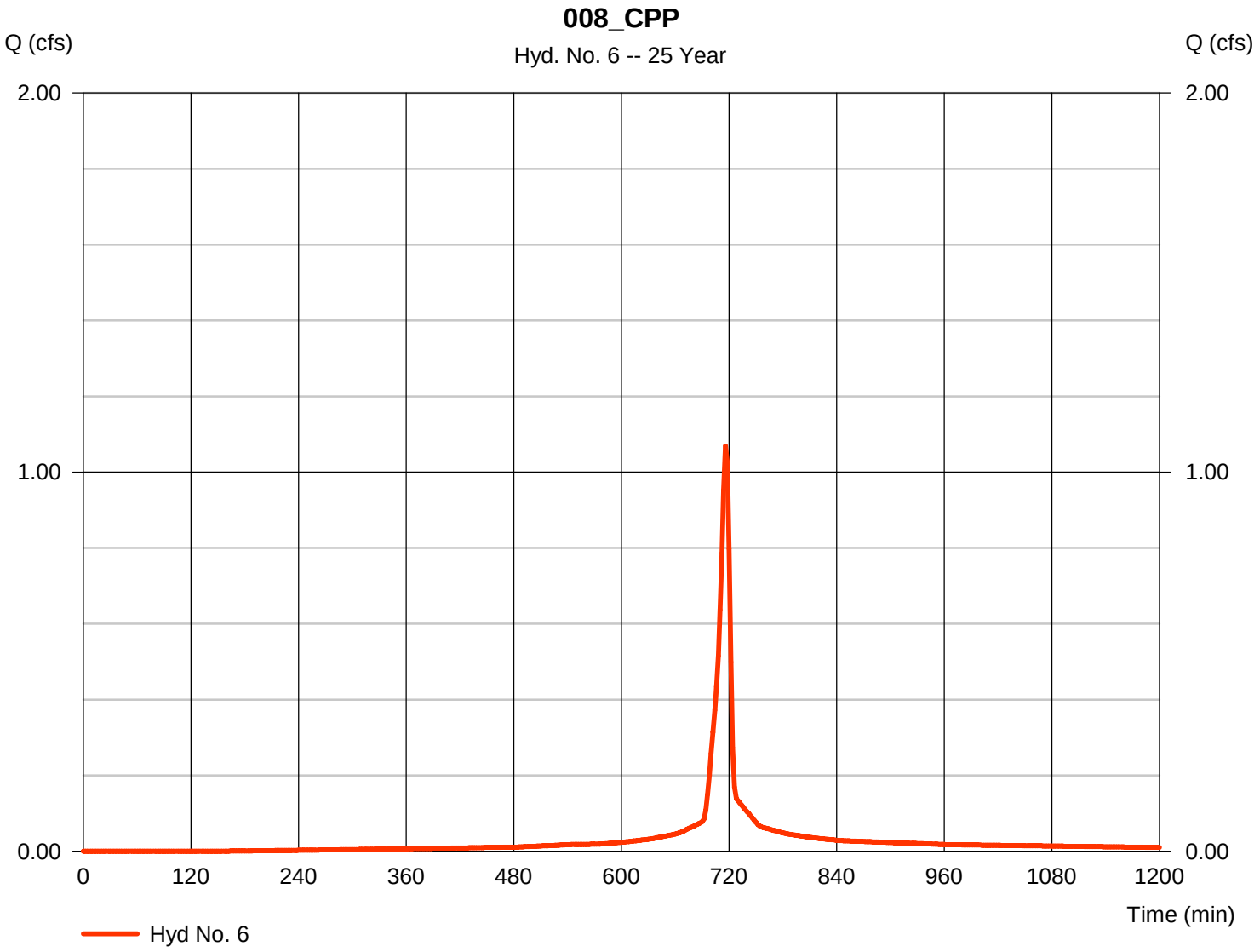


Hydrograph Report

Hyd. No. 6

008_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.069 cfs
Storm frequency	=	25 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	2,385 cuft
Drainage area	=	0.126 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

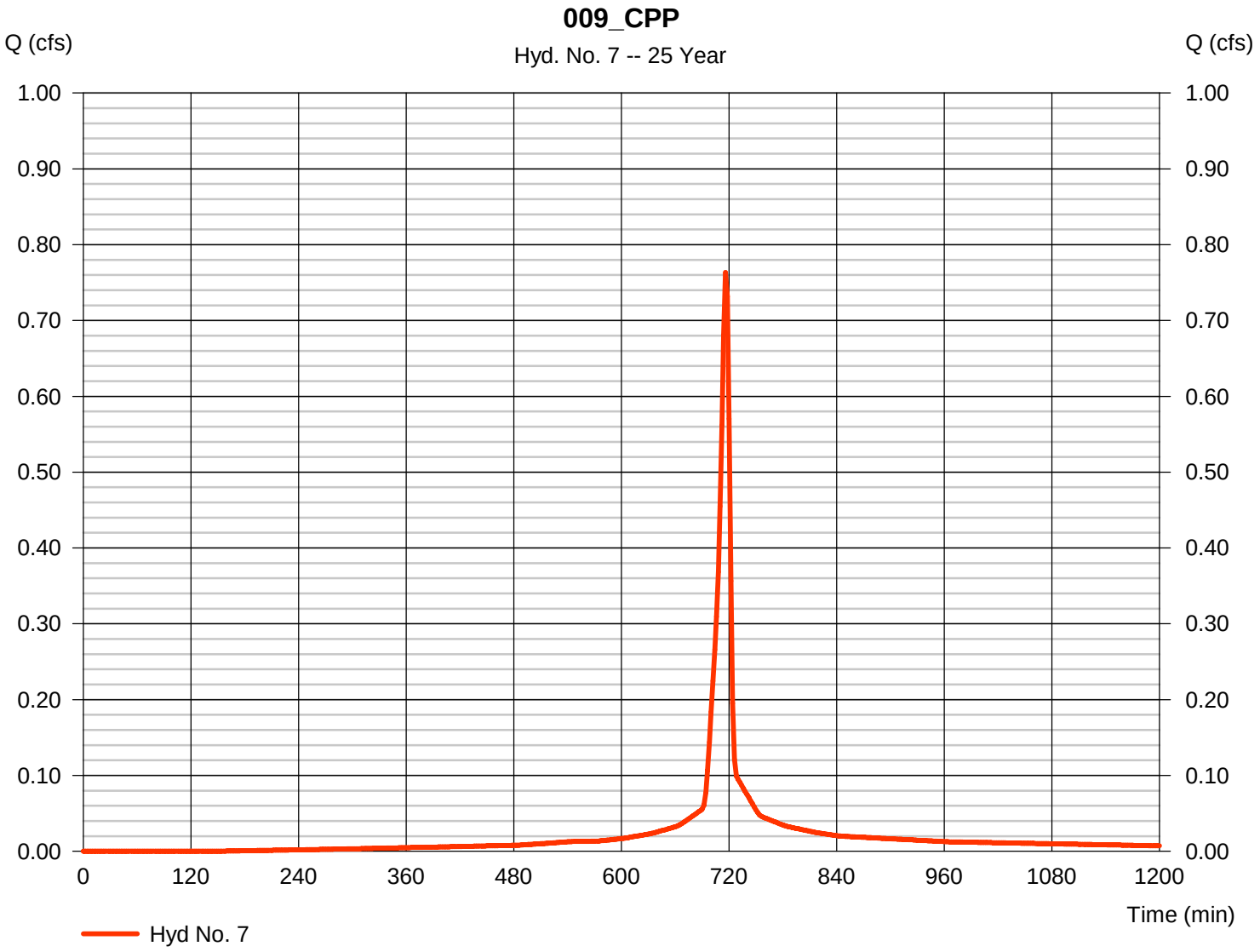


Hydrograph Report

Hyd. No. 7

009_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.763 cfs
Storm frequency	=	25 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	1,703 cuft
Drainage area	=	0.090 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484



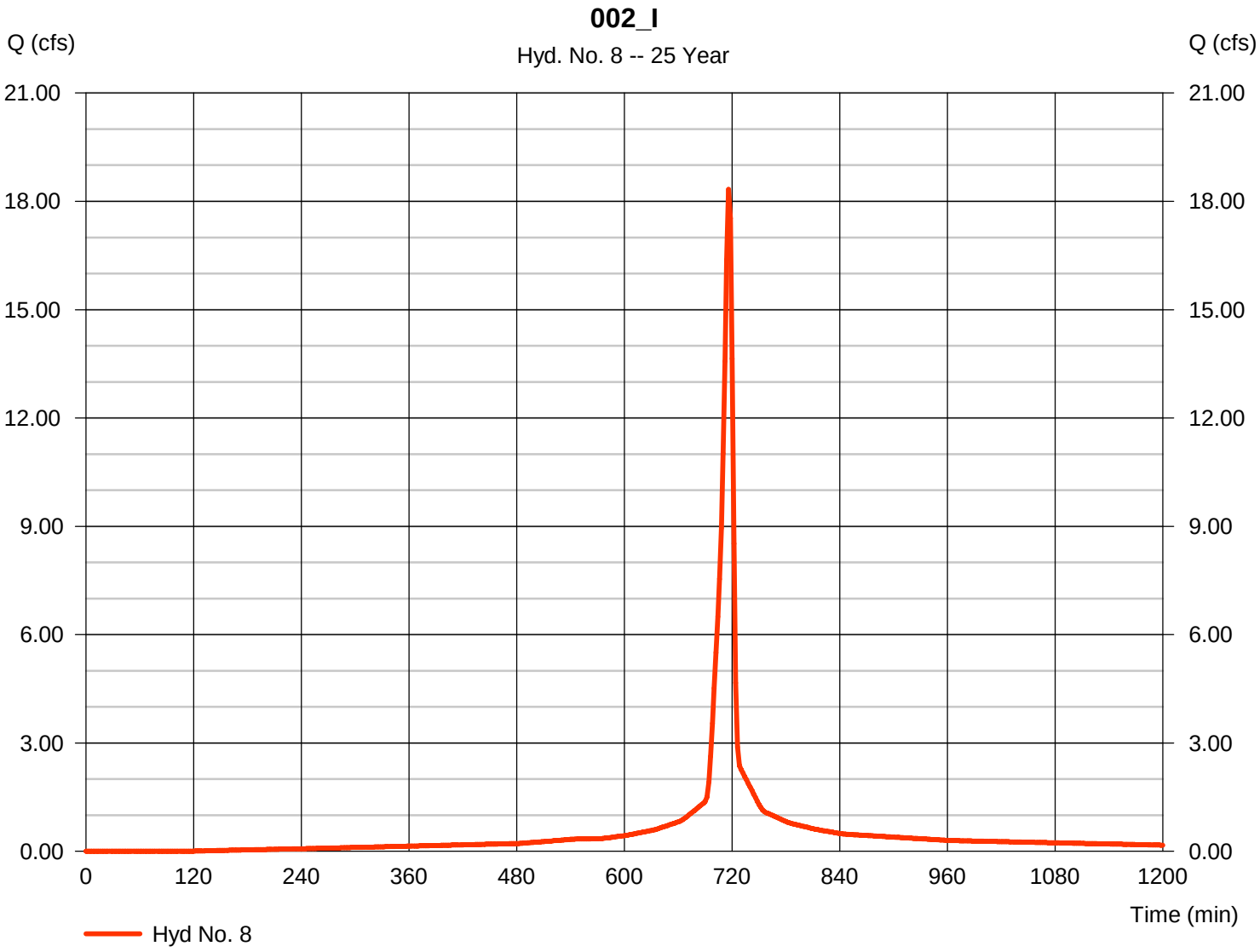
Hydrograph Report

Hyd. No. 8

002_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	18.33 cfs
Storm frequency	=	25 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	41,788 cuft
Drainage area	=	2.120 ac	Curve number	=	94*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.802 x 98) + (0.192 x 71) + (0.125 x 71)] / 2.120



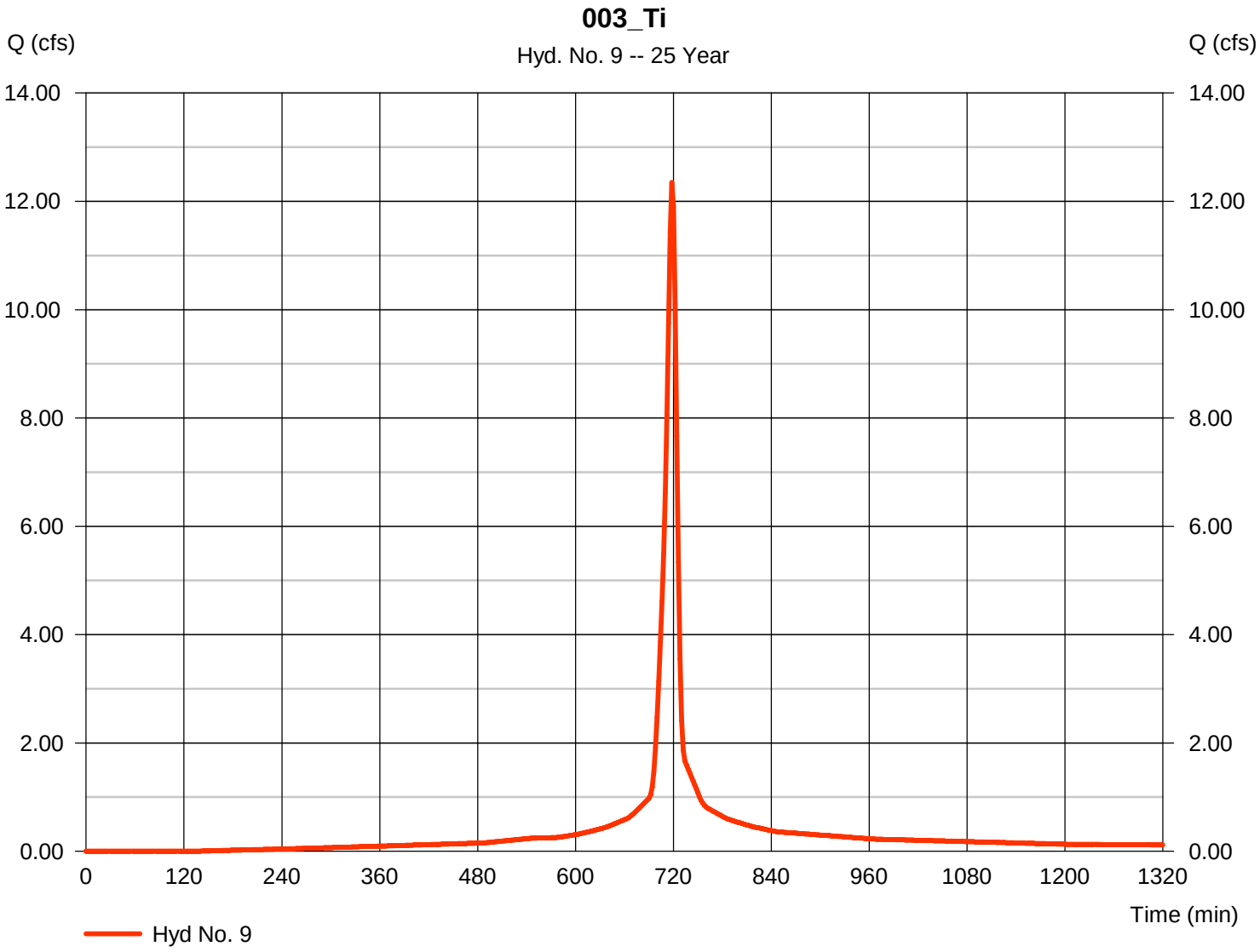
Hydrograph Report

Hyd. No. 9

003_Ti

Hydrograph type	=	SCS Runoff	Peak discharge	=	12.34 cfs
Storm frequency	=	25 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	31,115 cuft
Drainage area	=	1.510 ac	Curve number	=	93*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	9.20 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.228 x 98) + (0.234 x 71) + (0.049 x 71)] / 1.510

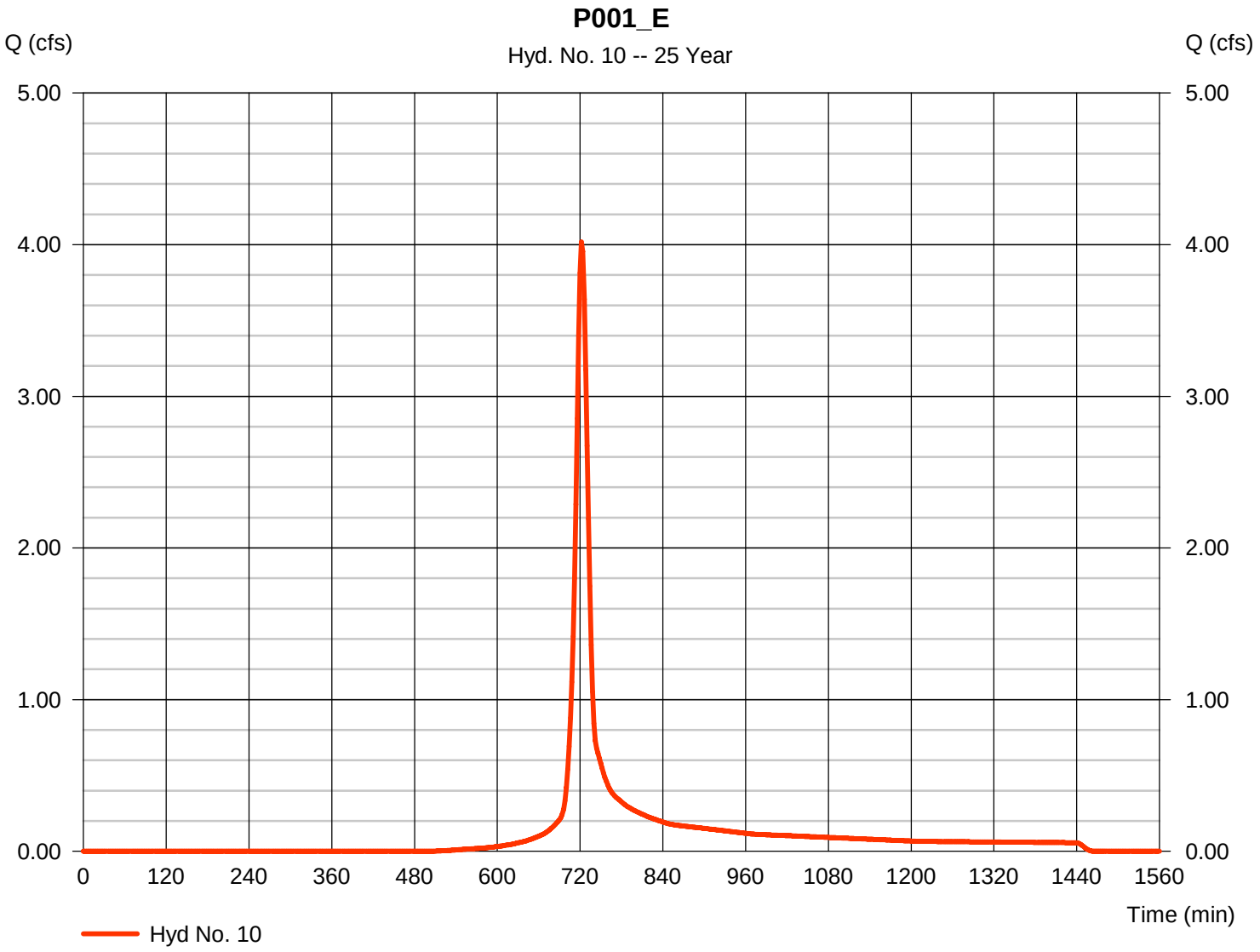


Hydrograph Report

Hyd. No. 10

P001_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	4.018 cfs
Storm frequency	=	25 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	11,270 cuft
Drainage area	=	0.963 ac	Curve number	=	71
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	14.00 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484



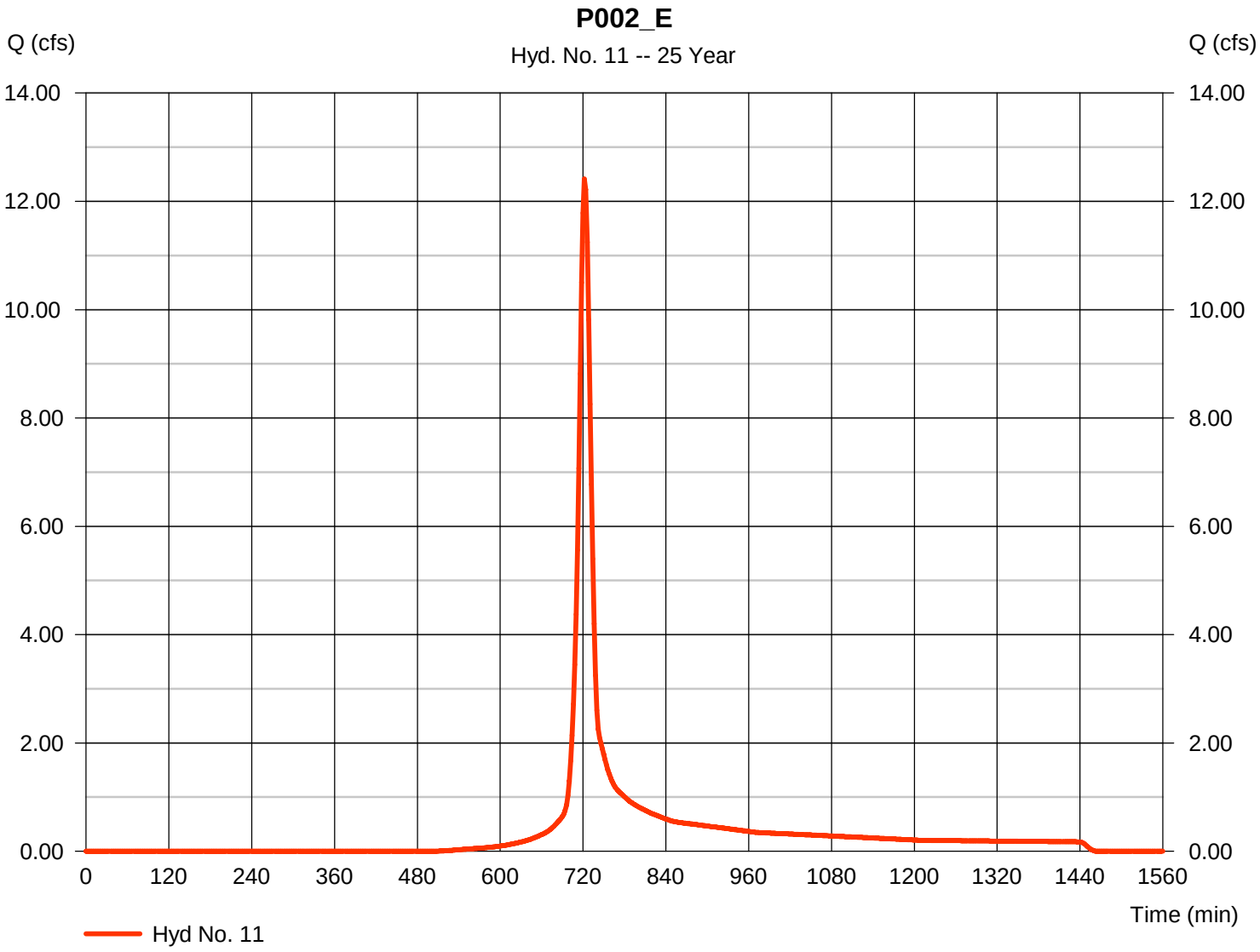
Hydrograph Report

Hyd. No. 11

P002_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	12.41 cfs
Storm frequency	=	25 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	34,816 cuft
Drainage area	=	2.975 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	13.70 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.009 x 98) + (1.040 x 76)] / 2.975



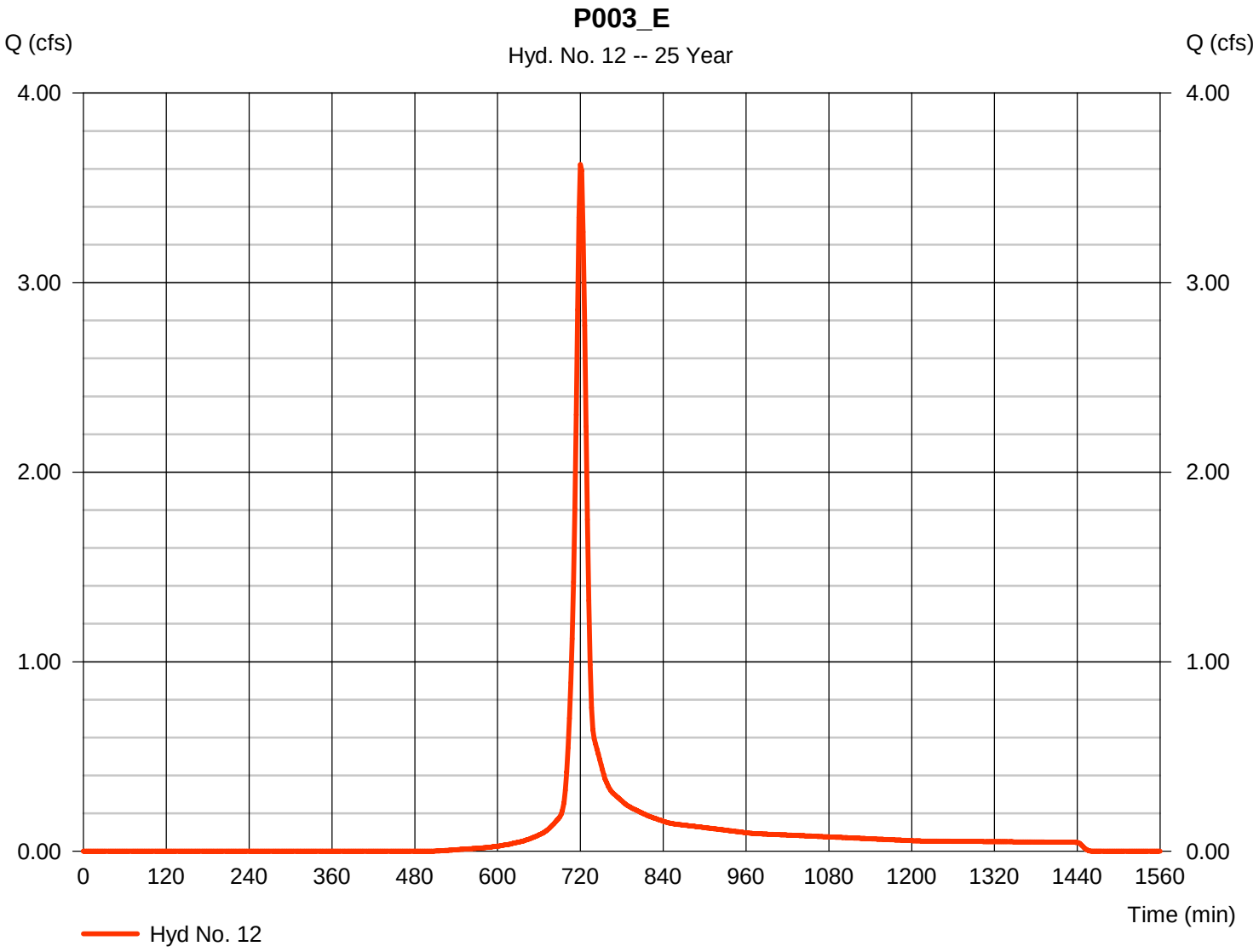
Hydrograph Report

Hyd. No. 12

P003_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	3.622 cfs
Storm frequency	=	25 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	9,395 cuft
Drainage area	=	0.759 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	12.00 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.304 x 98) + (0.073 x 71)] / 0.759



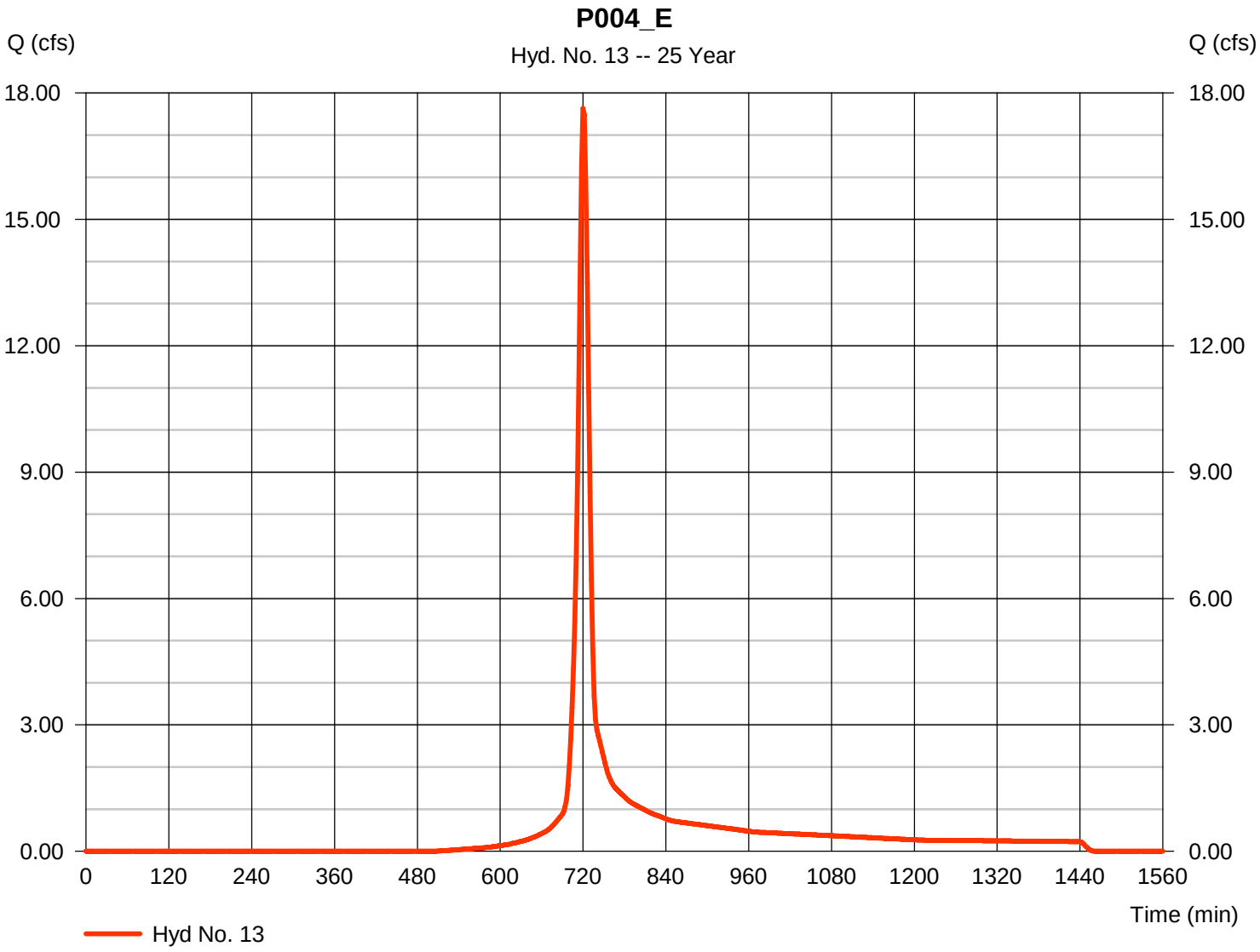
Hydrograph Report

Hyd. No. 13

P004_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	17.63 cfs
Storm frequency	=	25 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	45,737 cuft
Drainage area	=	3.695 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	11.00 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.155 x 98) + (0.109 x 71) + (0.970 x 76)] / 3.695



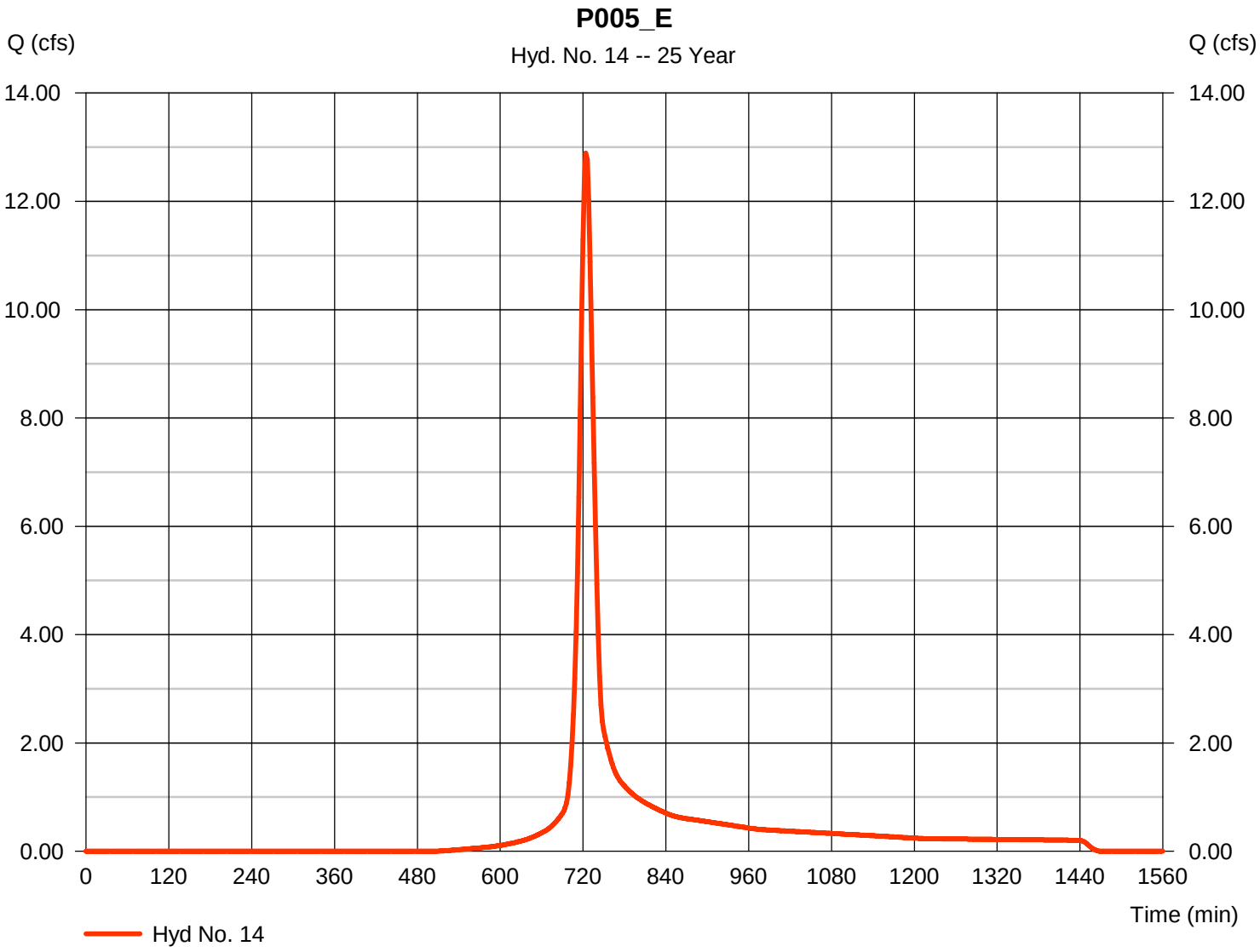
Hydrograph Report

Hyd. No. 14

P005_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	12.89 cfs
Storm frequency	=	25 yrs	Time to peak	=	724 min
Time interval	=	2 min	Hyd. volume	=	40,402 cuft
Drainage area	=	3.366 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	17.50 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.220 x 98) + (0.052 x 71) + (0.081 x 71) + (0.080 x 71)] / 3.366



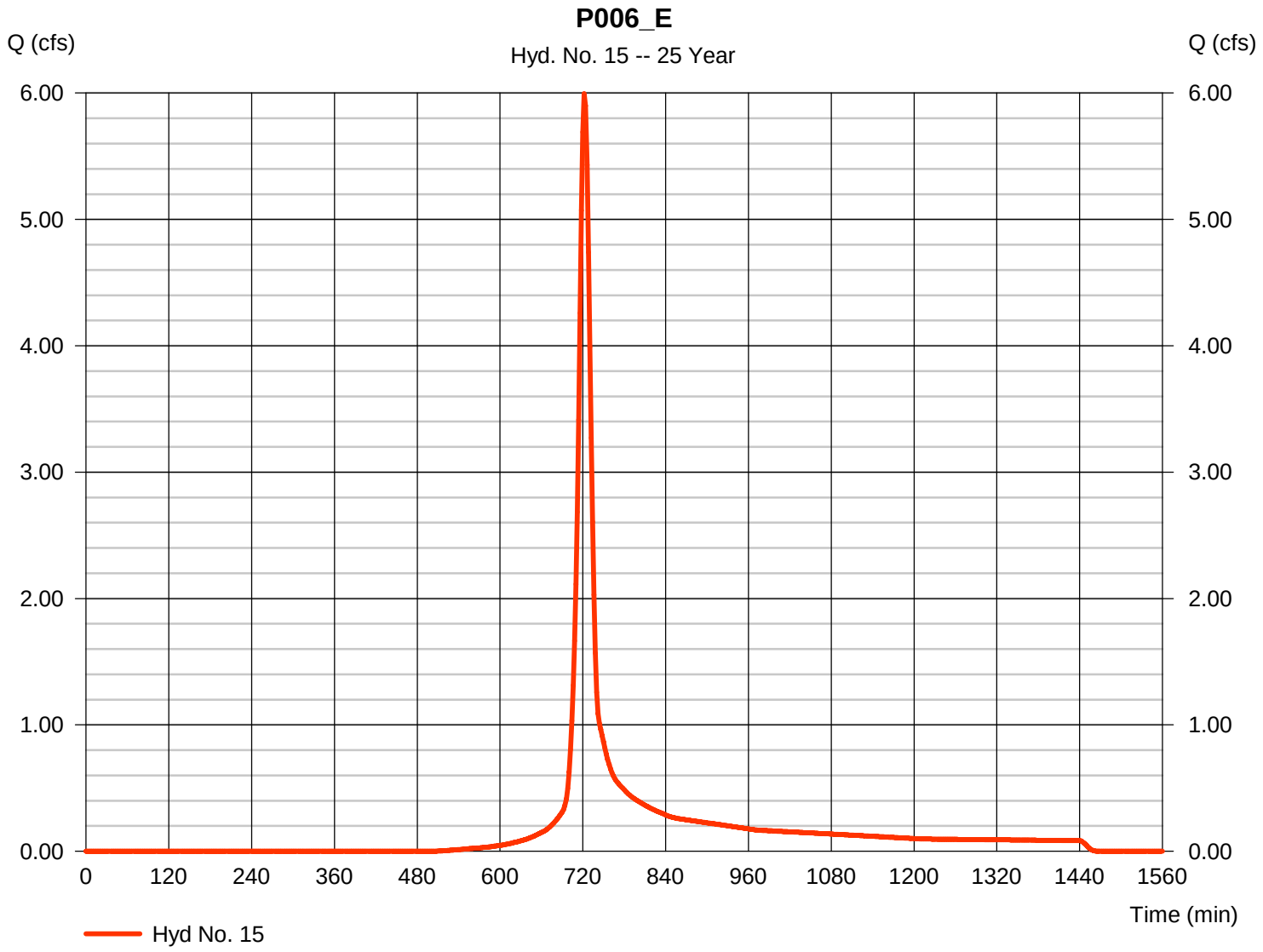
Hydrograph Report

Hyd. No. 15

P006_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	5.995 cfs
Storm frequency	=	25 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	16,817 cuft
Drainage area	=	1.437 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	16.20 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.783 x 98) + (0.059 x 71) + (0.144 x 71) + (0.107 x 71)] / 1.437



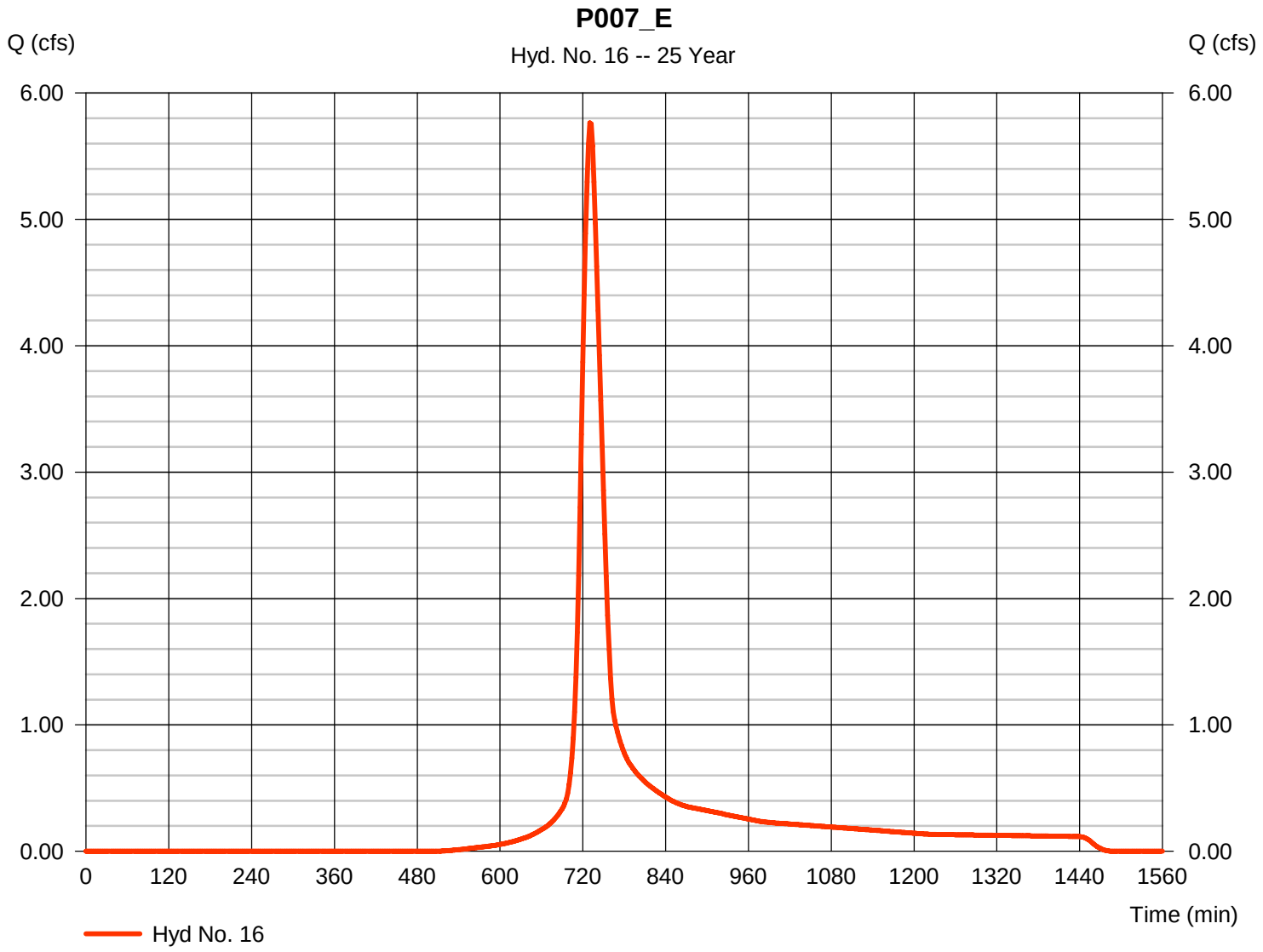
Hydrograph Report

Hyd. No. 16

P007_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	5.764 cfs
Storm frequency	=	25 yrs	Time to peak	=	730 min
Time interval	=	2 min	Hyd. volume	=	23,166 cuft
Drainage area	=	1.930 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	28.30 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.655 x 71) + (0.623 x 98)] / 1.930



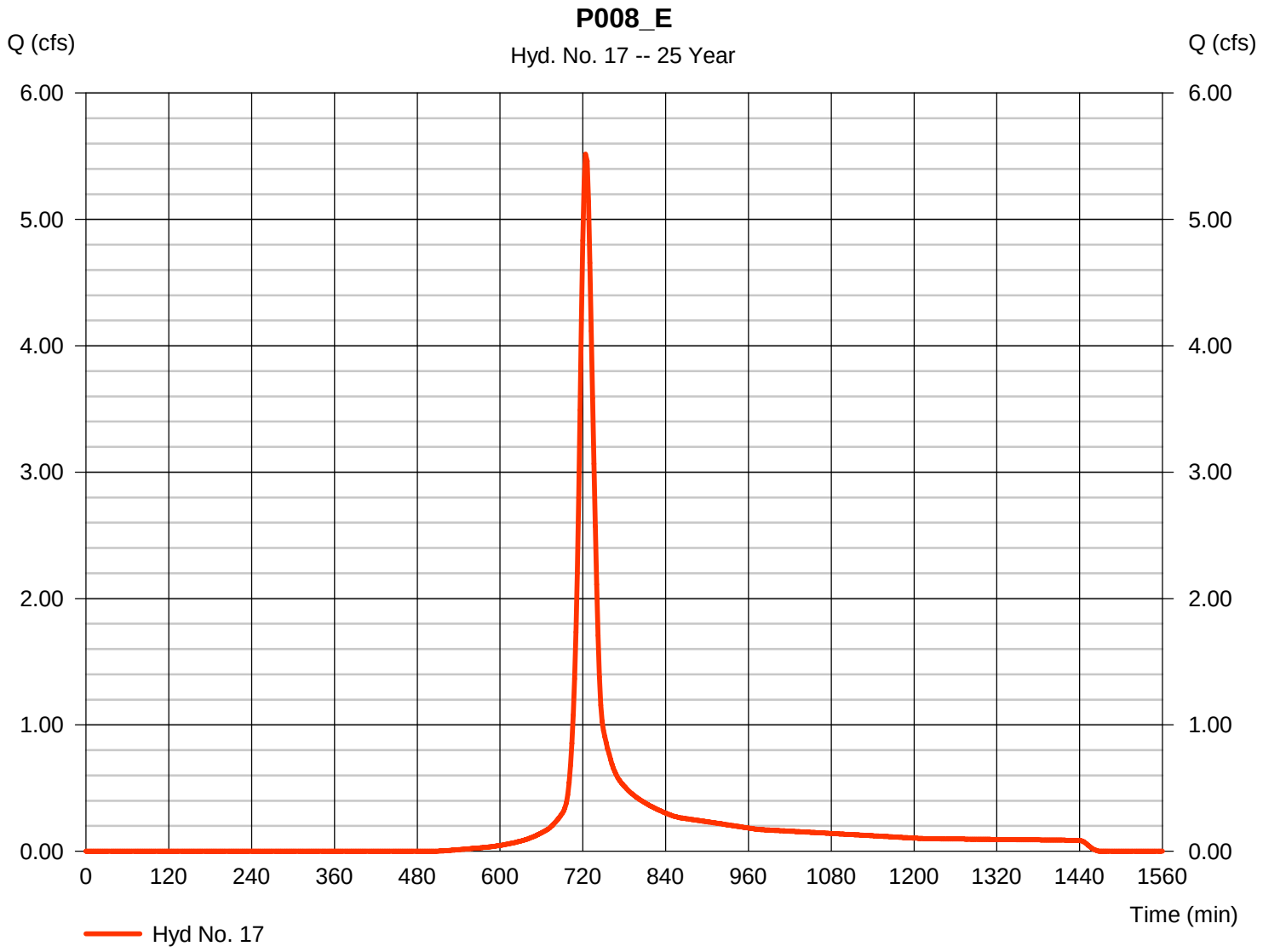
Hydrograph Report

Hyd. No. 17

P008_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	5.516 cfs
Storm frequency	=	25 yrs	Time to peak	=	724 min
Time interval	=	2 min	Hyd. volume	=	17,284 cuft
Drainage area	=	1.440 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	19.00 min
Total precip.	=	6.50 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.736 x 98) + (0.681 x 71)] / 1.440

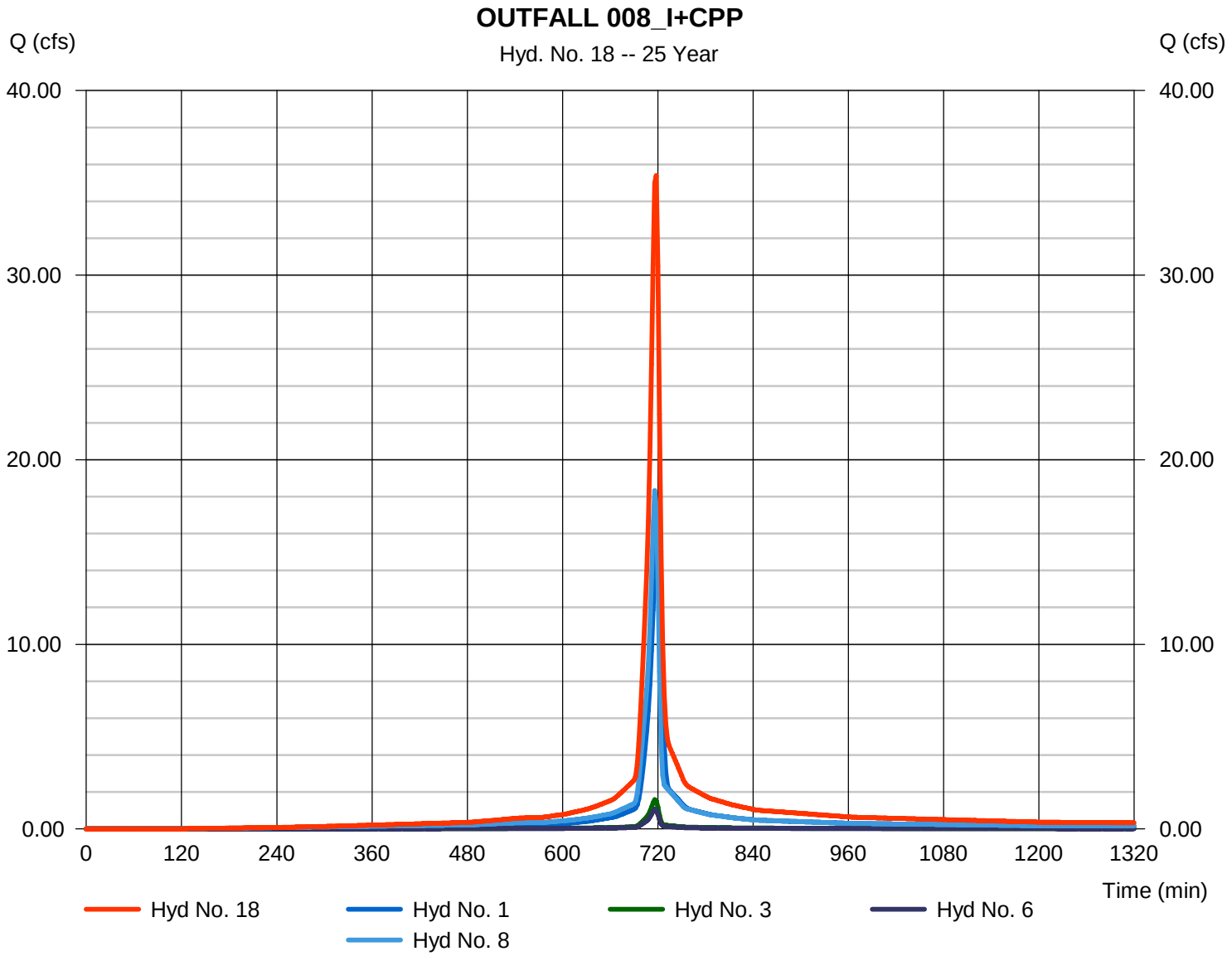


Hydrograph Report

Hyd. No. 18

OUTFALL 008_I+CPP

Hydrograph type	=	Combine	Peak discharge	=	35.40 cfs
Storm frequency	=	25 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	84,250 cuft
Inflow hyds.	=	1, 3, 6, 8	Contrib. drain. area	=	4.493 ac

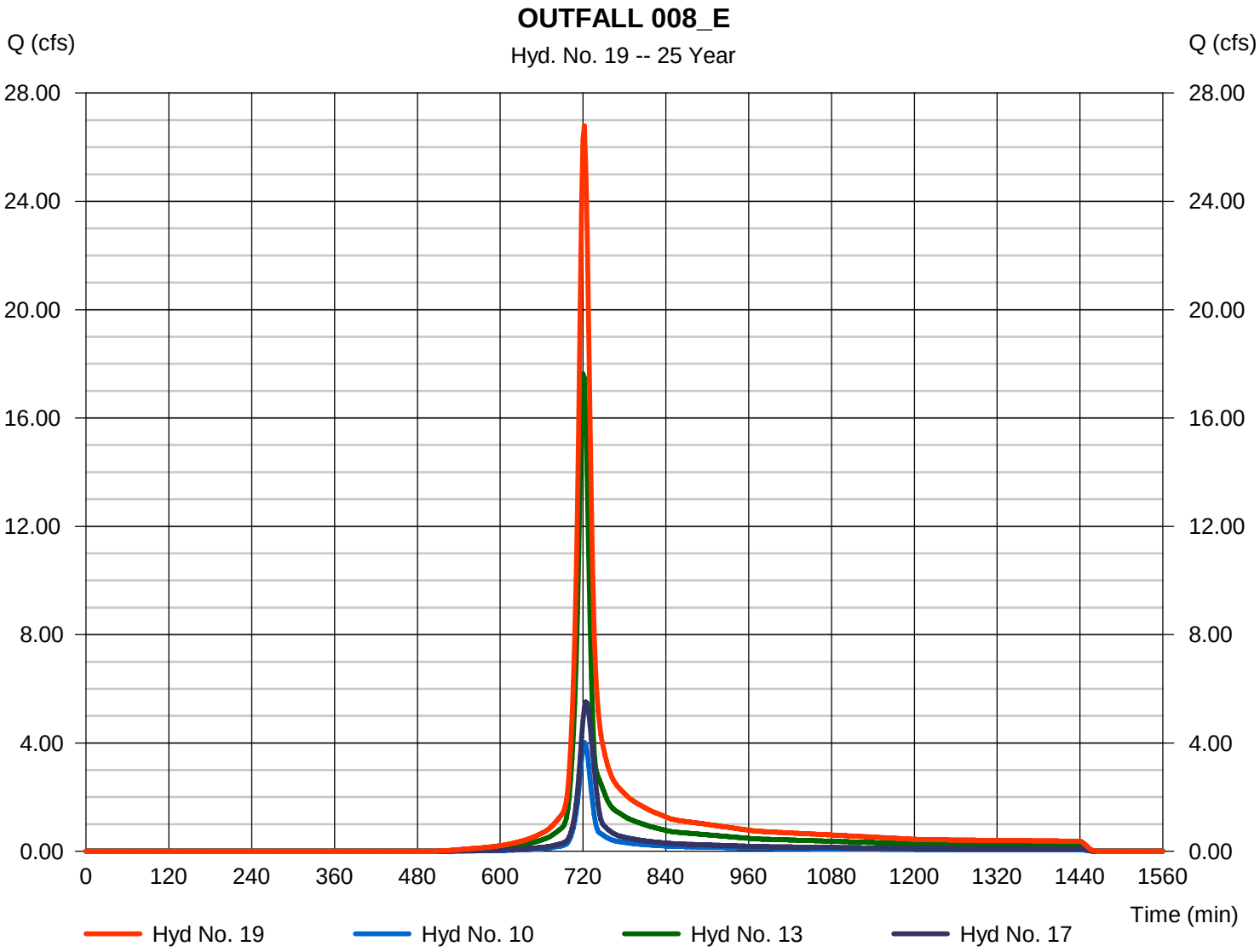


Hydrograph Report

Hyd. No. 19

OUTFALL 008_E

Hydrograph type	= Combine	Peak discharge	= 26.79 cfs
Storm frequency	= 25 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 74,291 cuft
Inflow hyds.	= 10, 13, 17	Contrib. drain. area	= 6.098 ac

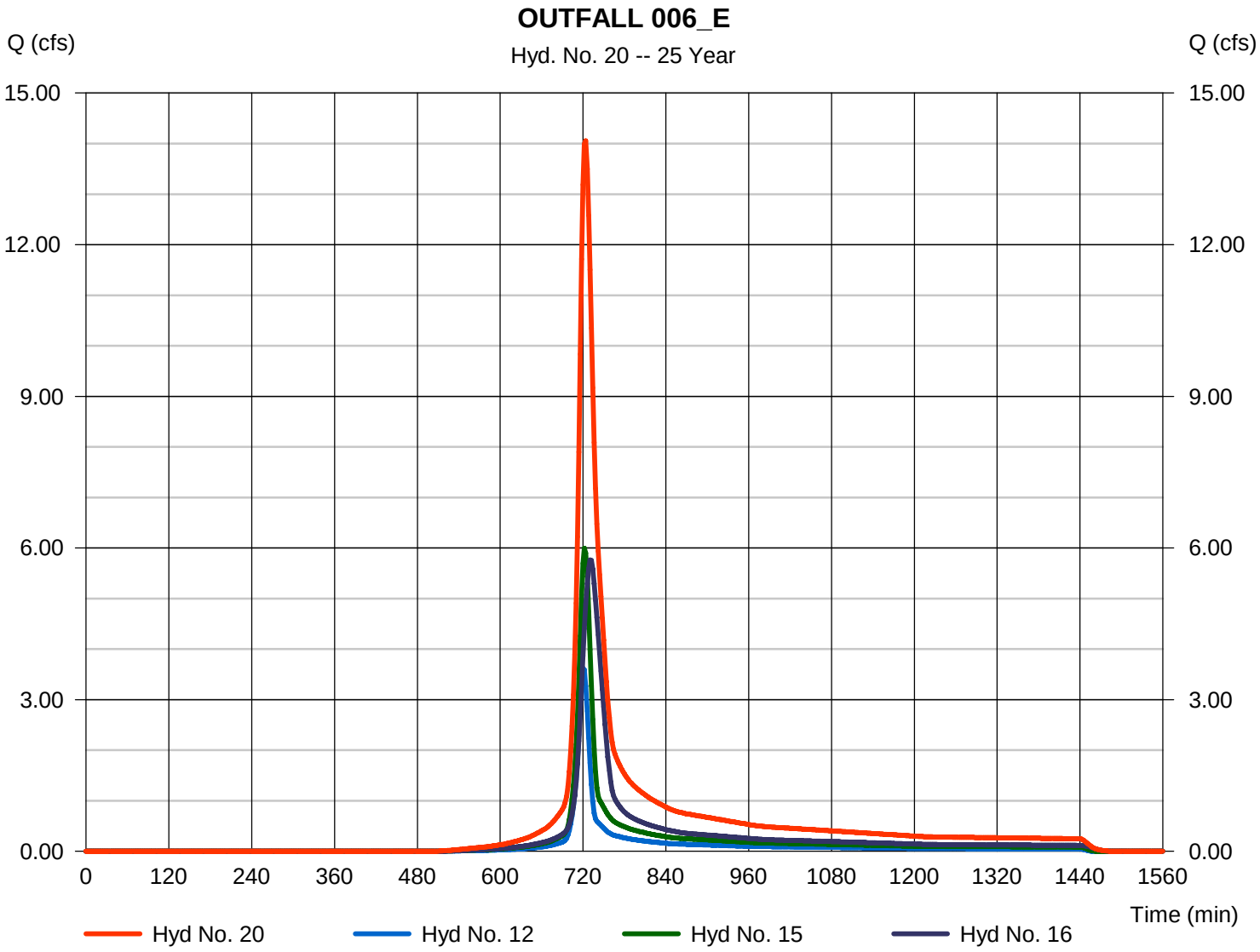


Hydrograph Report

Hyd. No. 20

OUTFALL 006_E

Hydrograph type	= Combine	Peak discharge	= 14.06 cfs
Storm frequency	= 25 yrs	Time to peak	= 724 min
Time interval	= 2 min	Hyd. volume	= 49,378 cuft
Inflow hyds.	= 12, 15, 16	Contrib. drain. area	= 4.126 ac

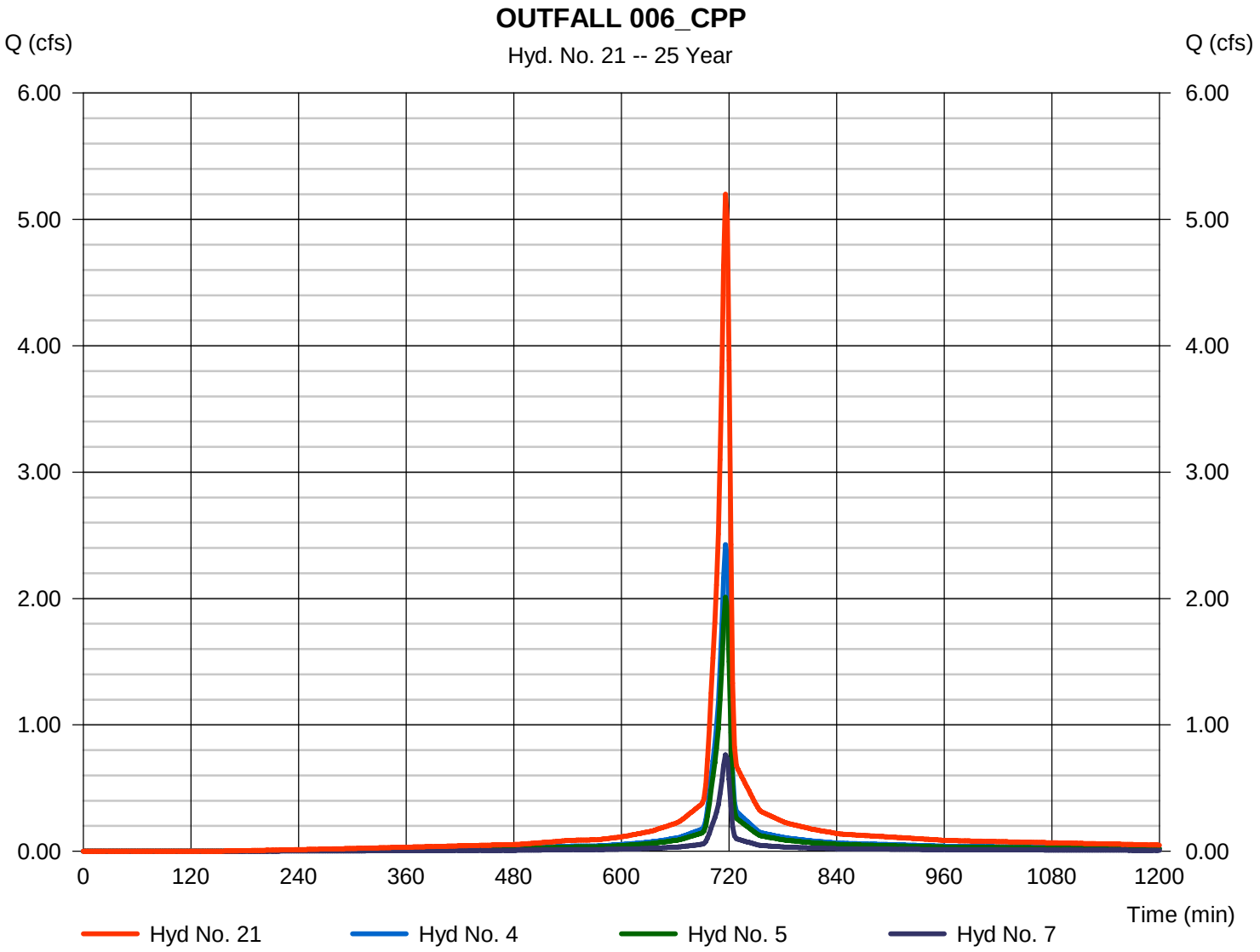


Hydrograph Report

Hyd. No. 21

OUTFALL 006_CPP

Hydrograph type	= Combine	Peak discharge	= 5.200 cfs
Storm frequency	= 25 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 11,602 cuft
Inflow hyds.	= 4, 5, 7	Contrib. drain. area	= 0.613 ac

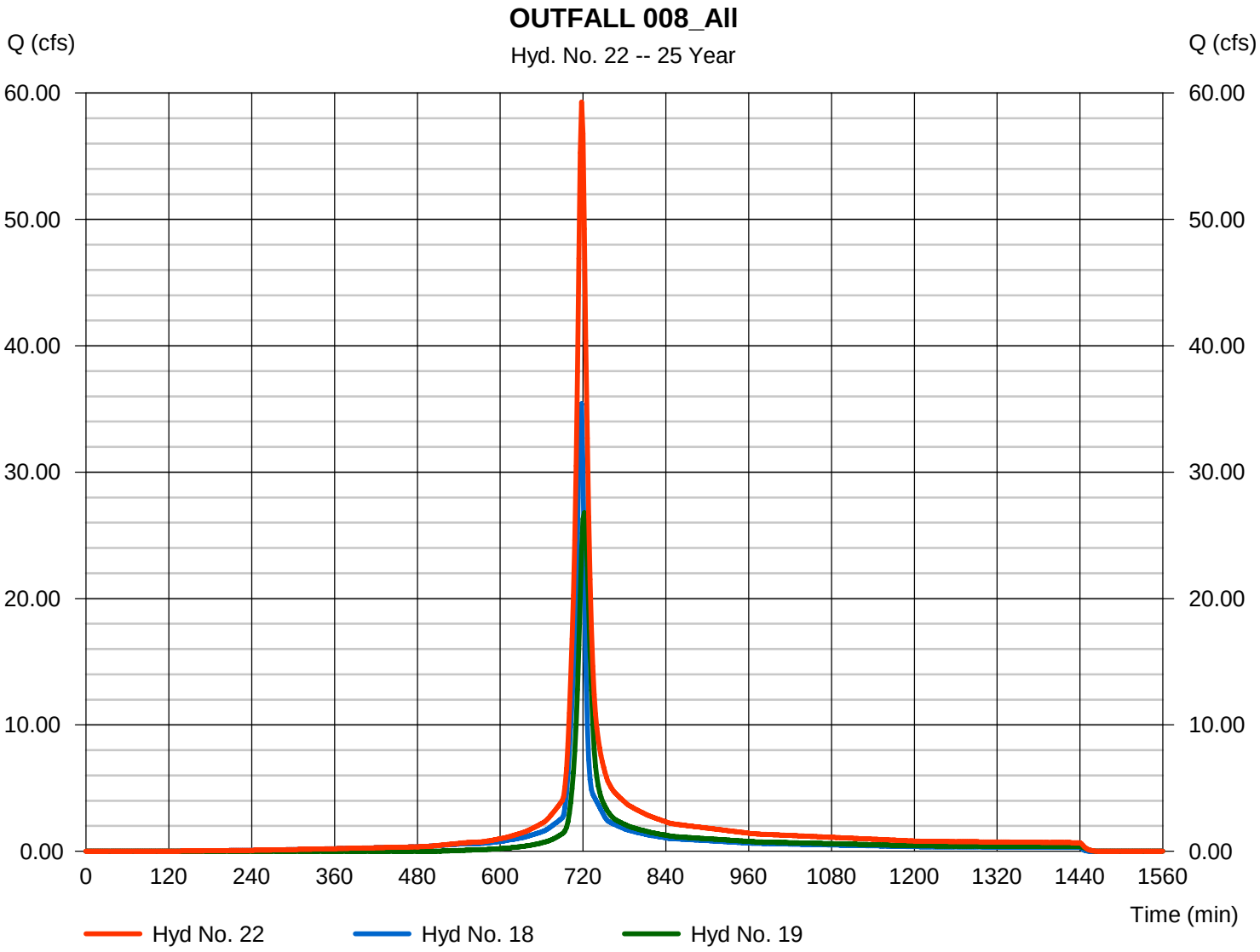


Hydrograph Report

Hyd. No. 22

OUTFALL 008_All

Hydrograph type	= Combine	Peak discharge	= 59.28 cfs
Storm frequency	= 25 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 158,541 cuft
Inflow hyds.	= 18, 19	Contrib. drain. area	= 0.000 ac

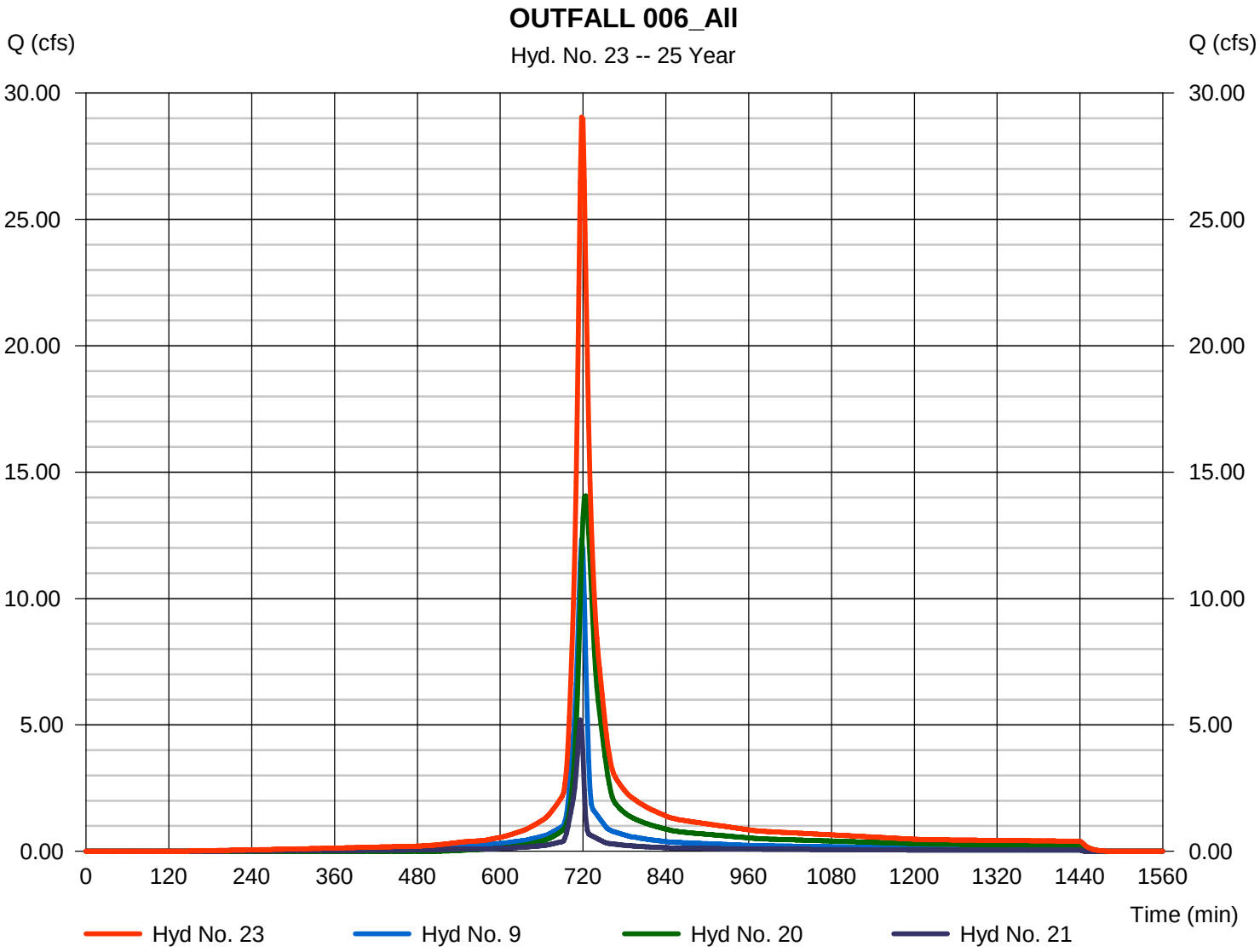


Hydrograph Report

Hyd. No. 23

OUTFALL 006_All

Hydrograph type	= Combine	Peak discharge	= 29.04 cfs
Storm frequency	= 25 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 92,095 cuft
Inflow hyds.	= 9, 20, 21	Contrib. drain. area	= 1.510 ac

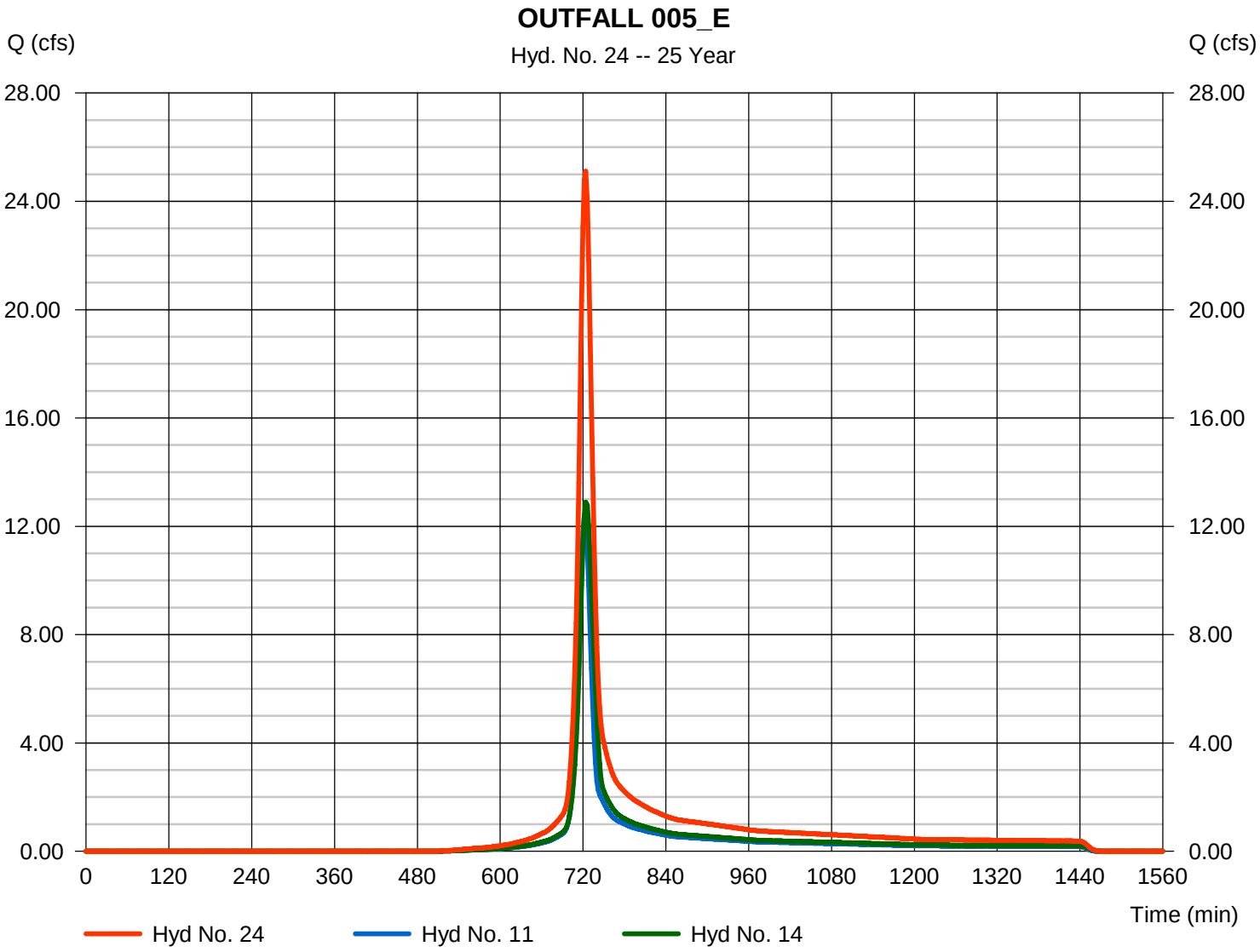


Hydrograph Report

Hyd. No. 24

OUTFALL 005_E

Hydrograph type	= Combine	Peak discharge	= 25.11 cfs
Storm frequency	= 25 yrs	Time to peak	= 724 min
Time interval	= 2 min	Hyd. volume	= 75,218 cuft
Inflow hyds.	= 11, 14	Contrib. drain. area	= 6.341 ac

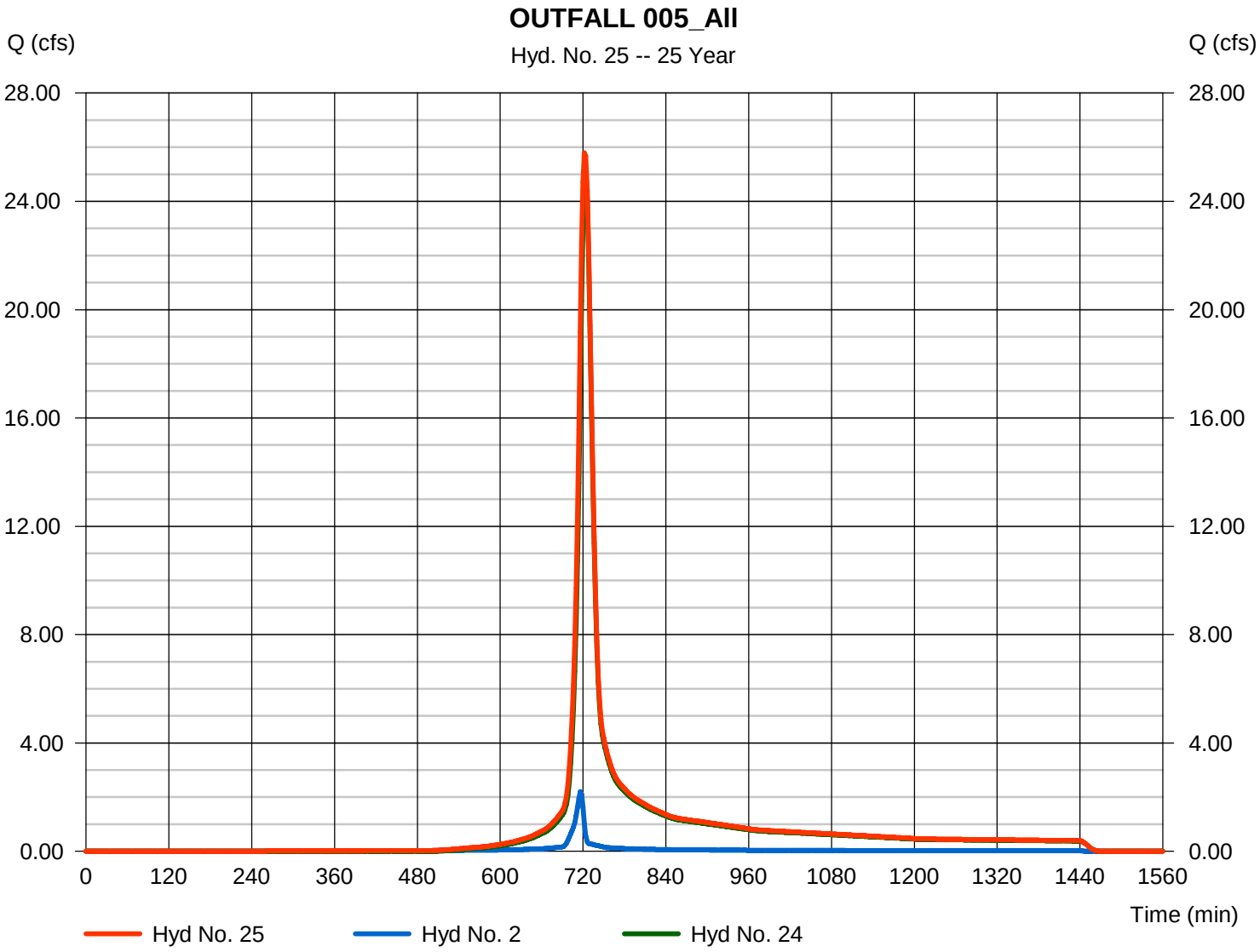


Hydrograph Report

Hyd. No. 25

OUTFALL 005_All

Hydrograph type	= Combine	Peak discharge	= 25.80 cfs
Storm frequency	= 25 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 80,120 cuft
Inflow hyds.	= 2, 24	Contrib. drain. area	= 0.259 ac



Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	18.60	2	718	44,883	------	------	------	001_I
2	SCS Runoff	2.618	2	716	5,912	------	------	------	004_CPP
3	SCS Runoff	1.891	2	716	4,268	------	------	------	005_CPP
4	SCS Runoff	2.891	2	716	6,528	------	------	------	006_CPP
5	SCS Runoff	2.396	2	716	5,409	------	------	------	007_CPP
6	SCS Runoff	1.274	2	716	2,876	------	------	------	008_CPP
7	SCS Runoff	0.910	2	716	2,054	------	------	------	009_CPP
8	SCS Runoff	21.75	2	716	50,098	------	------	------	002_I
9	SCS Runoff	14.68	2	718	37,412	------	------	------	003_Ti
10	SCS Runoff	5.210	2	722	14,606	------	------	------	P001_E
11	SCS Runoff	16.09	2	722	45,121	------	------	------	P002_E
12	SCS Runoff	4.694	2	720	12,176	------	------	------	P003_E
13	SCS Runoff	22.85	2	720	59,274	------	------	------	P004_E
14	SCS Runoff	16.75	2	724	52,360	------	------	------	P005_E
15	SCS Runoff	7.774	2	722	21,795	------	------	------	P006_E
16	SCS Runoff	7.506	2	730	30,022	------	------	------	P007_E
17	SCS Runoff	7.165	2	724	22,400	------	------	------	P008_E
18	Combine	42.41	2	718	102,125	1, 3, 6, 8,	------	------	OUTFALL 008_I+CPP
19	Combine	34.65	2	722	96,280	10, 13, 17,	------	------	OUTFALL 008_E
20	Combine	18.25	2	724	63,993	12, 15, 16,	------	------	OUTFALL 006_E
21	Combine	6.197	2	716	13,992	4, 5, 7,	------	------	OUTFALL 006_CPP
22	Combine	73.64	2	718	198,405	18, 19,	------	------	OUTFALL 008_All
23	Combine	36.03	2	718	115,396	9, 20, 21,	------	------	OUTFALL 006_All
24	Combine	32.52	2	724	97,481	11, 14,	------	------	OUTFALL 005_E
25	Combine	33.44	2	722	103,393	2, 24	------	------	OUTFALL 005_All

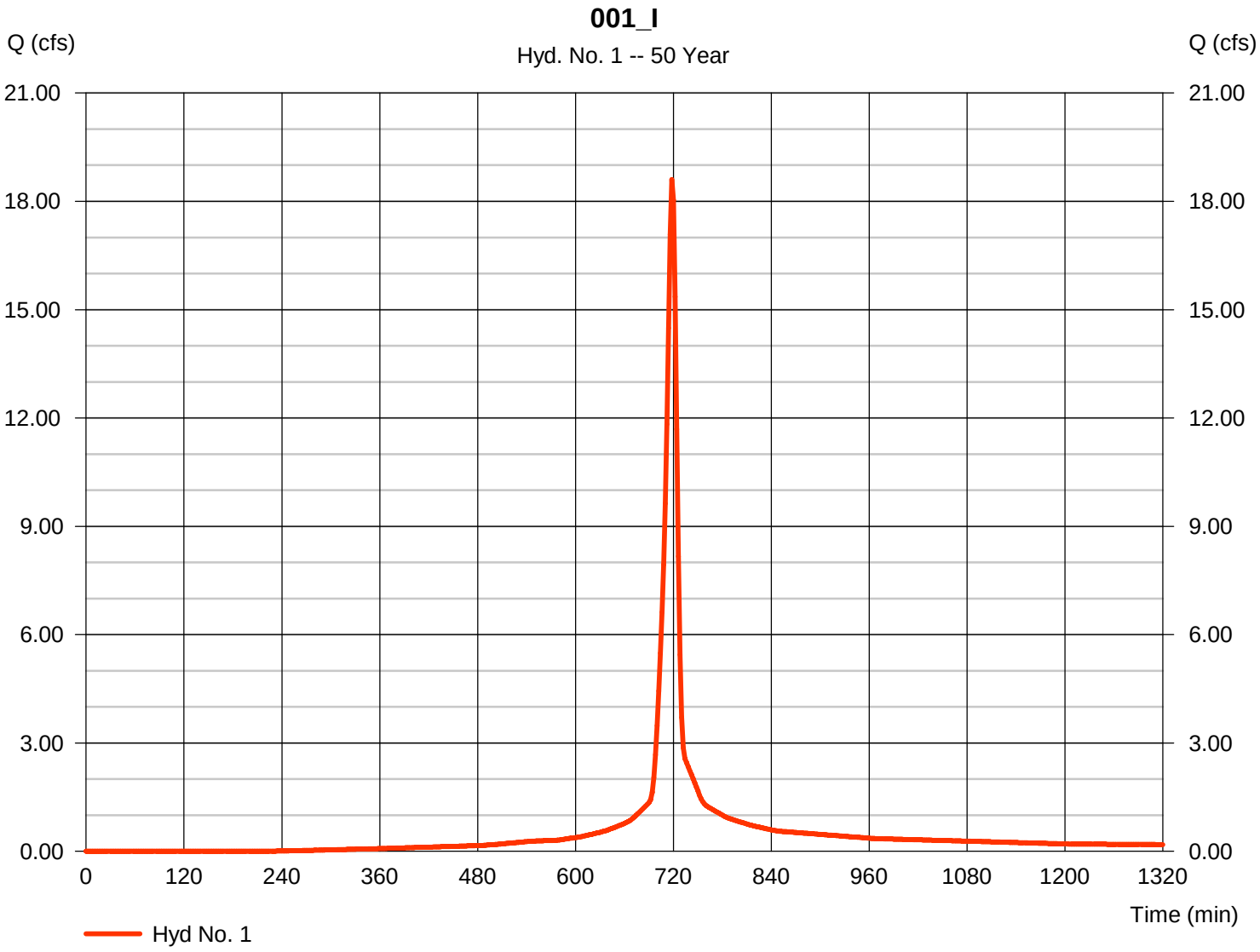
Hydrograph Report

Hyd. No. 1

001_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	18.60 cfs
Storm frequency	=	50 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	44,883 cuft
Drainage area	=	2.060 ac	Curve number	=	86*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	7.20 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.140 x 98) + (0.860 x 71) + (0.060 x 71)] / 2.060

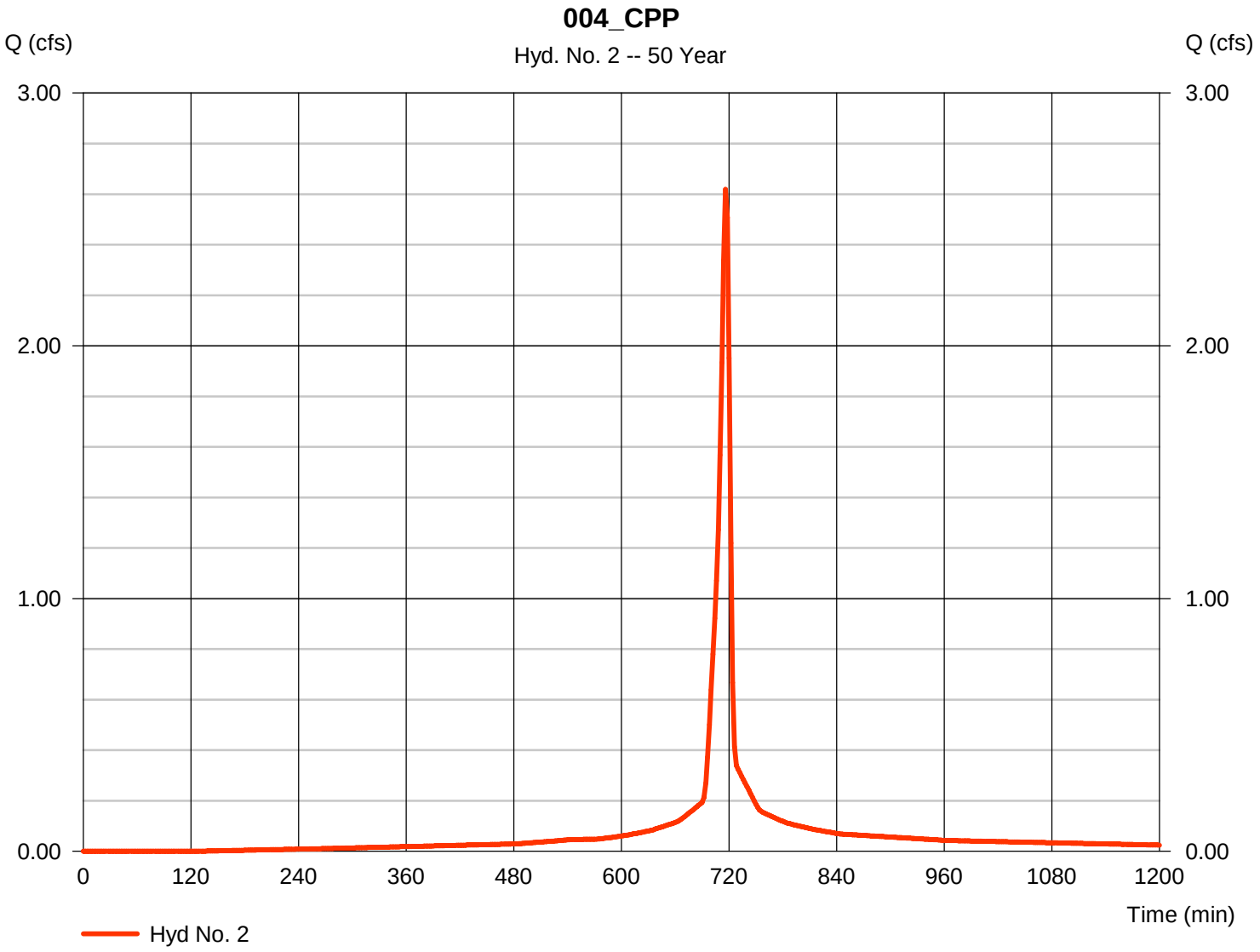


Hydrograph Report

Hyd. No. 2

004_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.618 cfs
Storm frequency	=	50 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	5,912 cuft
Drainage area	=	0.259 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

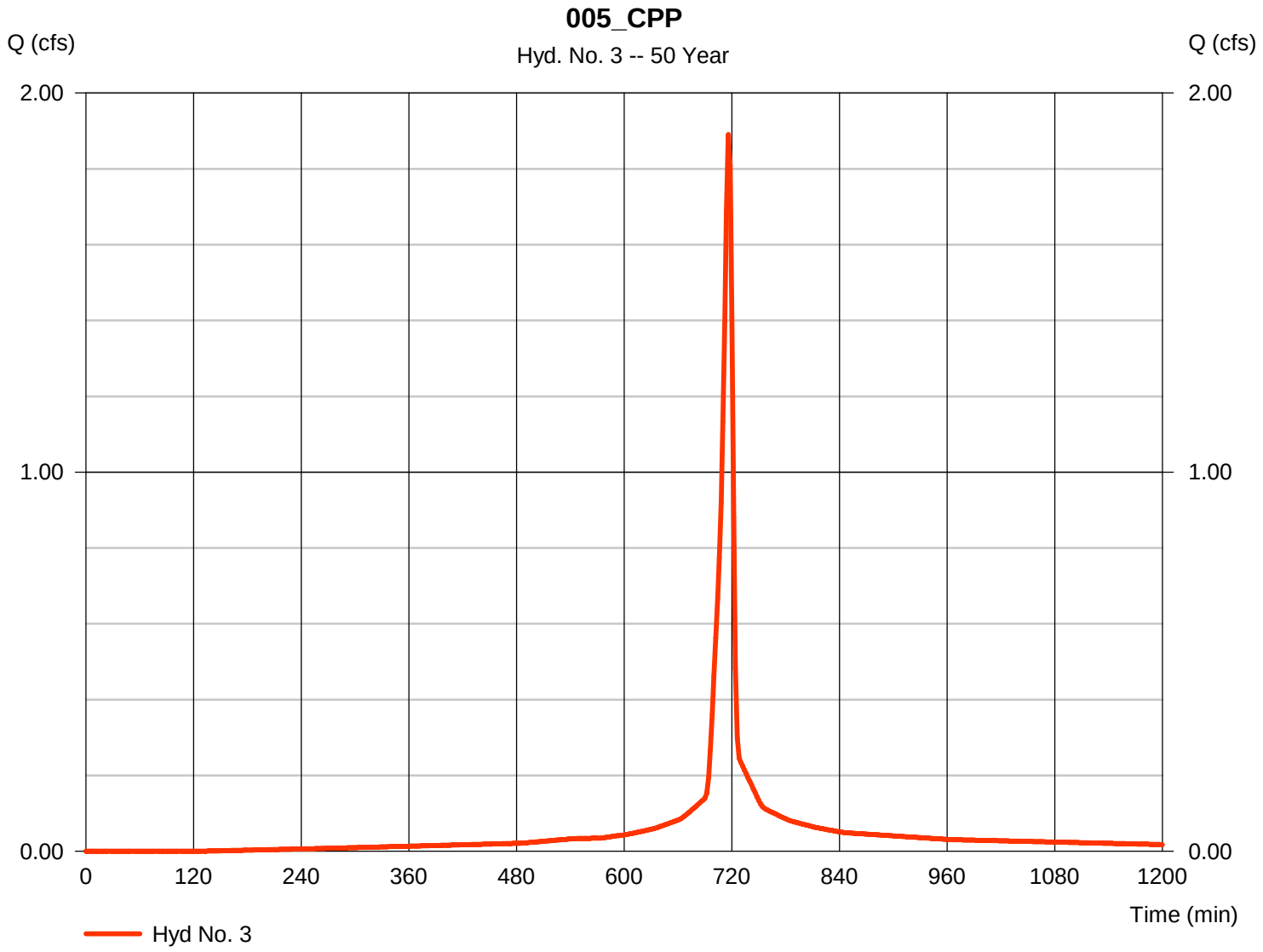


Hydrograph Report

Hyd. No. 3

005_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.891 cfs
Storm frequency	=	50 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	4,268 cuft
Drainage area	=	0.187 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

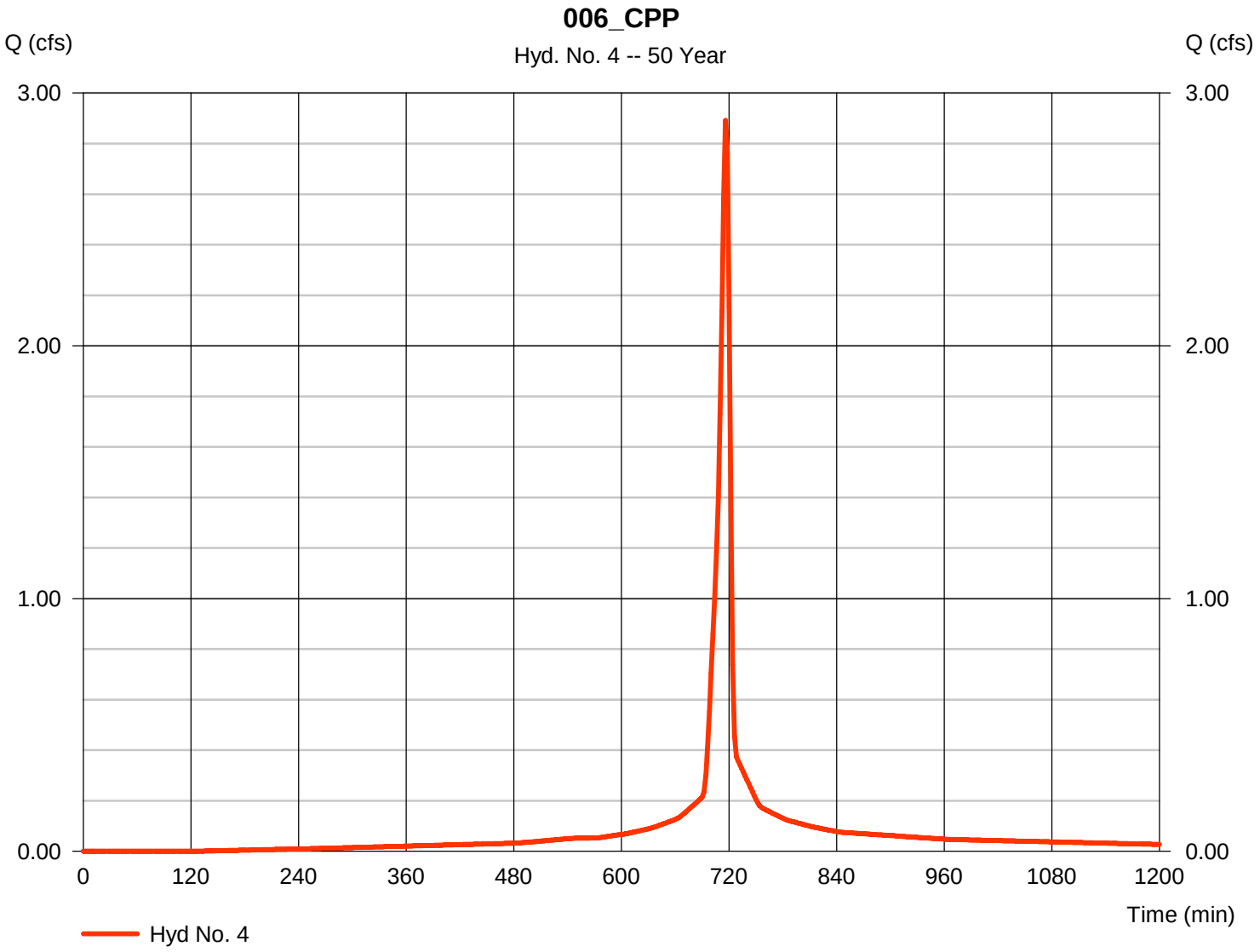


Hydrograph Report

Hyd. No. 4

006_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.891 cfs
Storm frequency	=	50 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	6,528 cuft
Drainage area	=	0.286 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

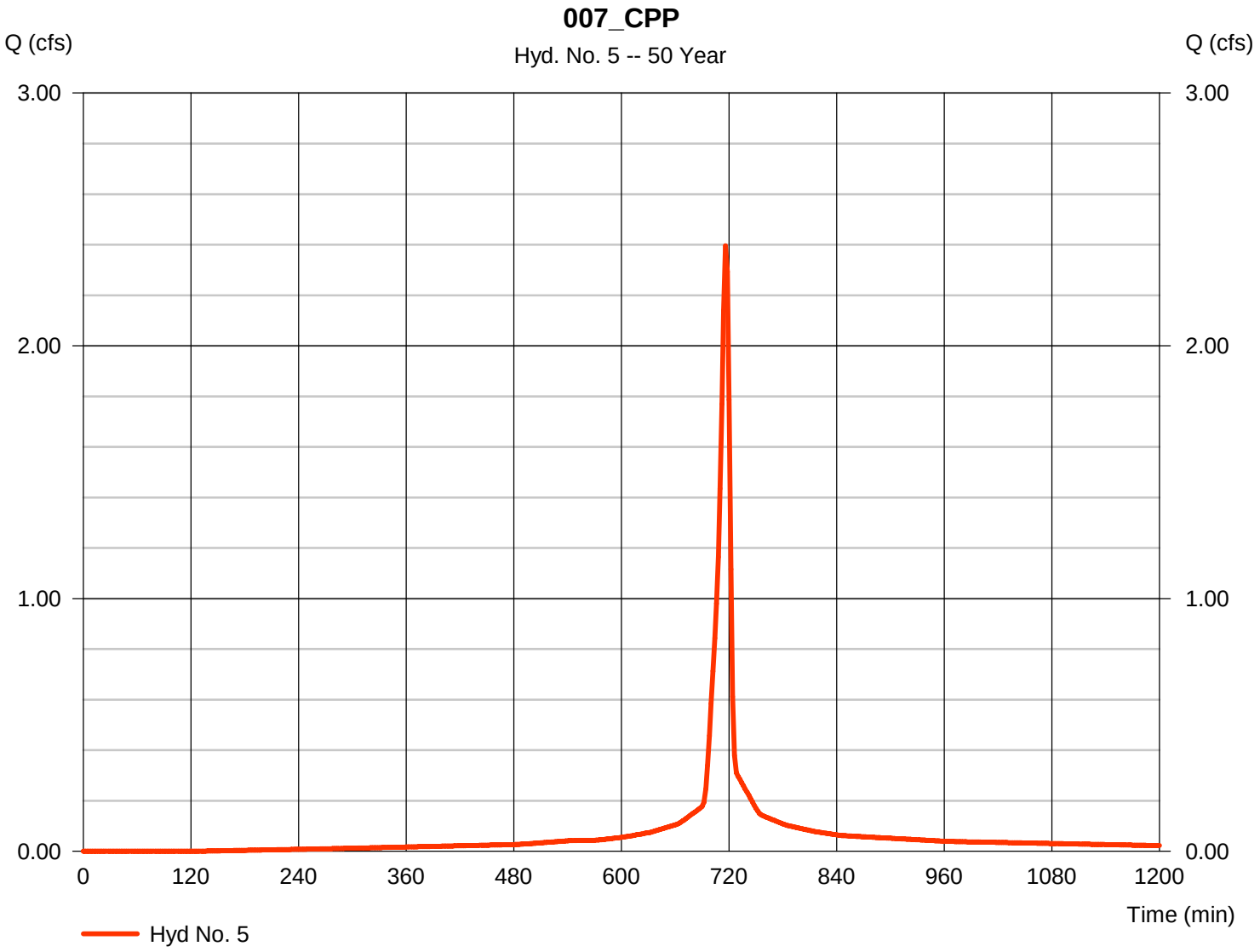


Hydrograph Report

Hyd. No. 5

007_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.396 cfs
Storm frequency	=	50 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	5,409 cuft
Drainage area	=	0.237 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

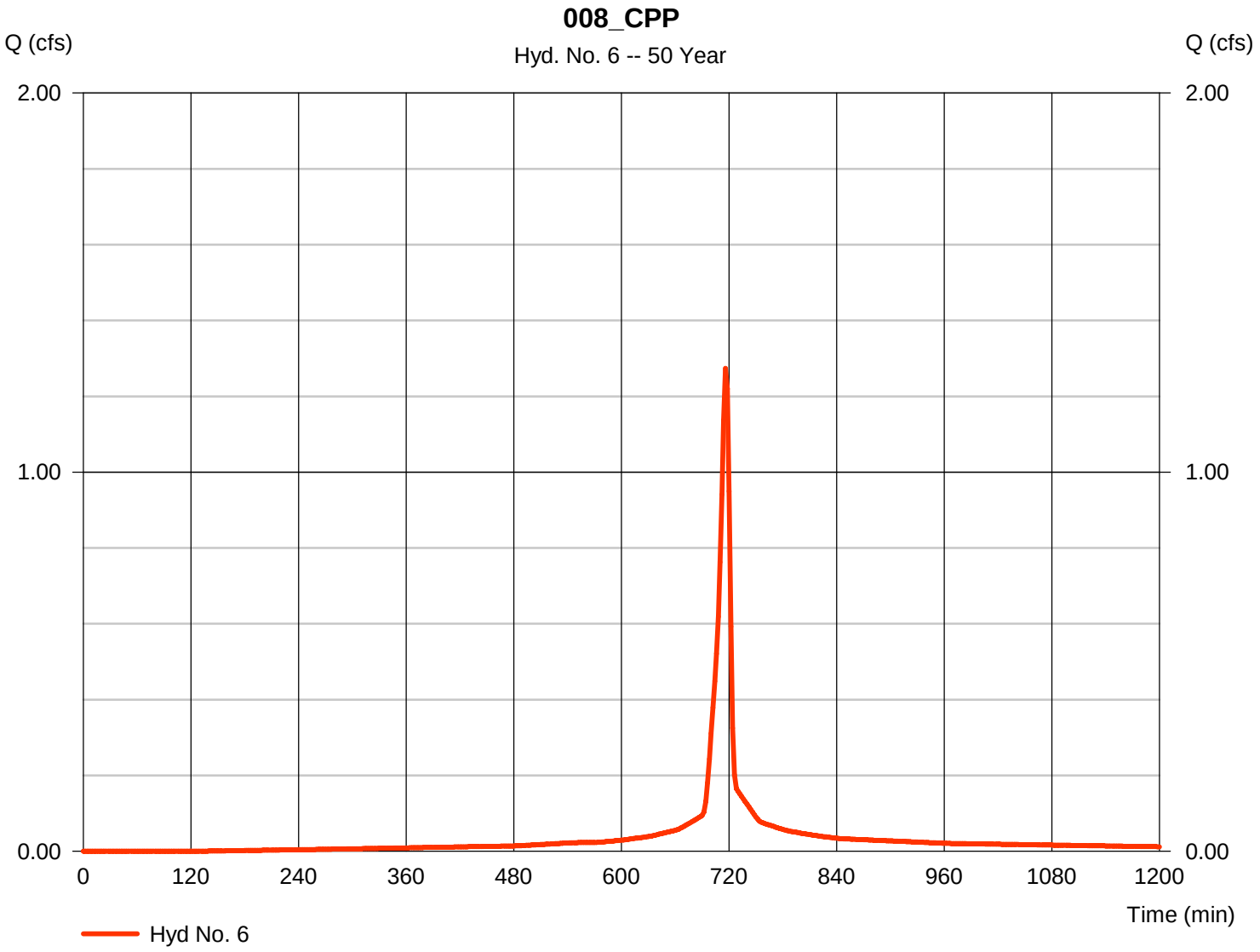


Hydrograph Report

Hyd. No. 6

008_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.274 cfs
Storm frequency	=	50 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	2,876 cuft
Drainage area	=	0.126 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

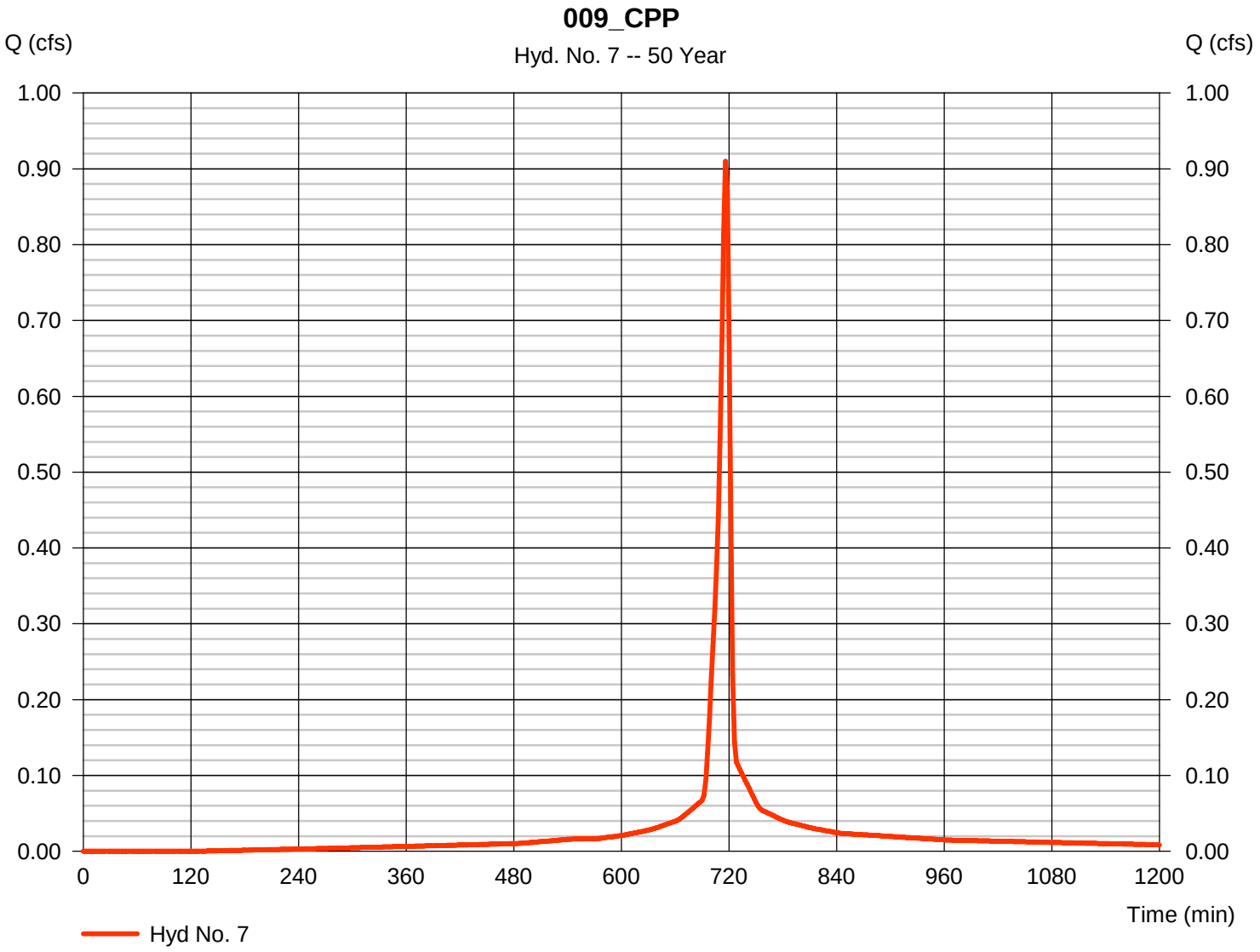


Hydrograph Report

Hyd. No. 7

009_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.910 cfs
Storm frequency	=	50 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	2,054 cuft
Drainage area	=	0.090 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484



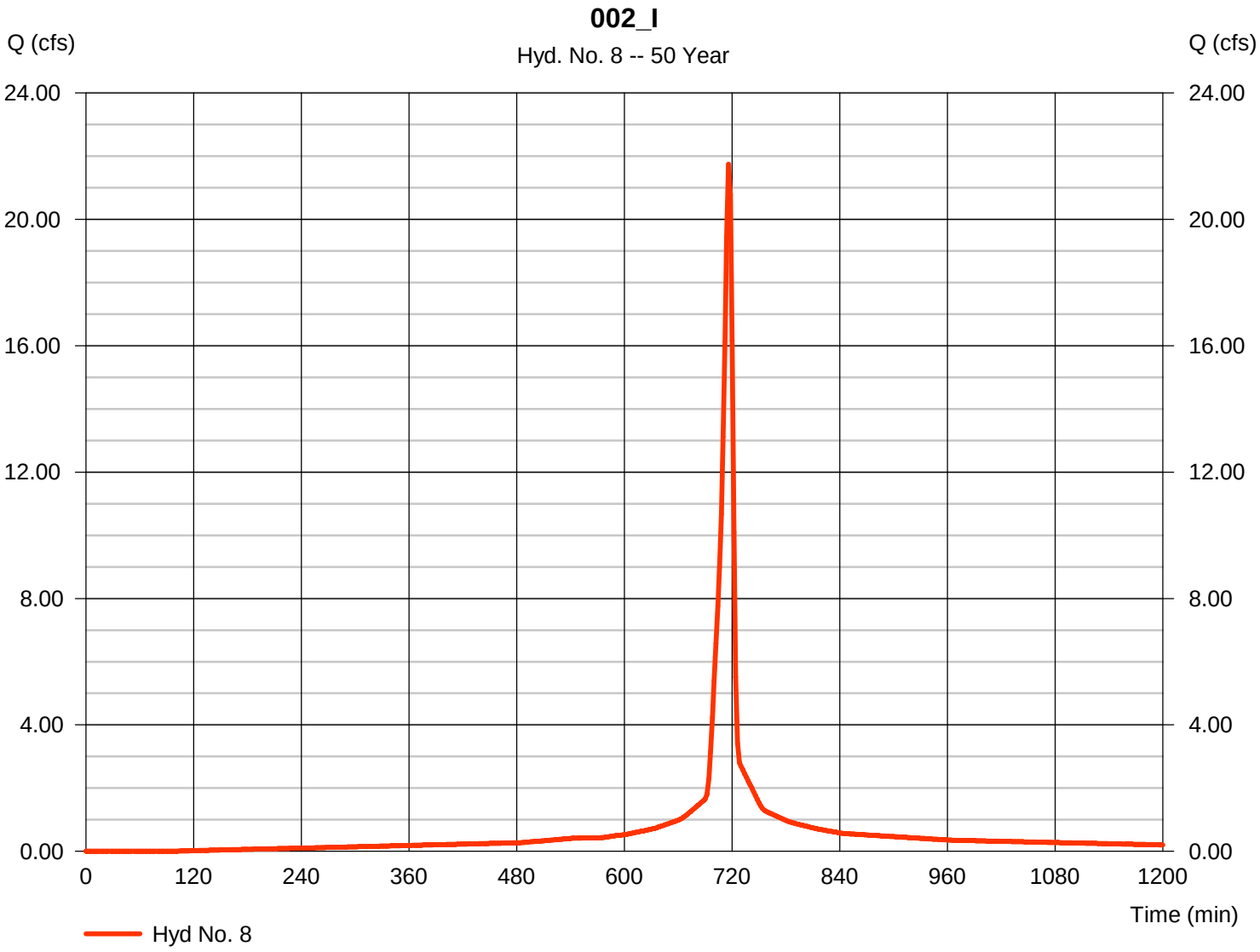
Hydrograph Report

Hyd. No. 8

002_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	21.75 cfs
Storm frequency	=	50 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	50,098 cuft
Drainage area	=	2.120 ac	Curve number	=	94*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.802 x 98) + (0.192 x 71) + (0.125 x 71)] / 2.120



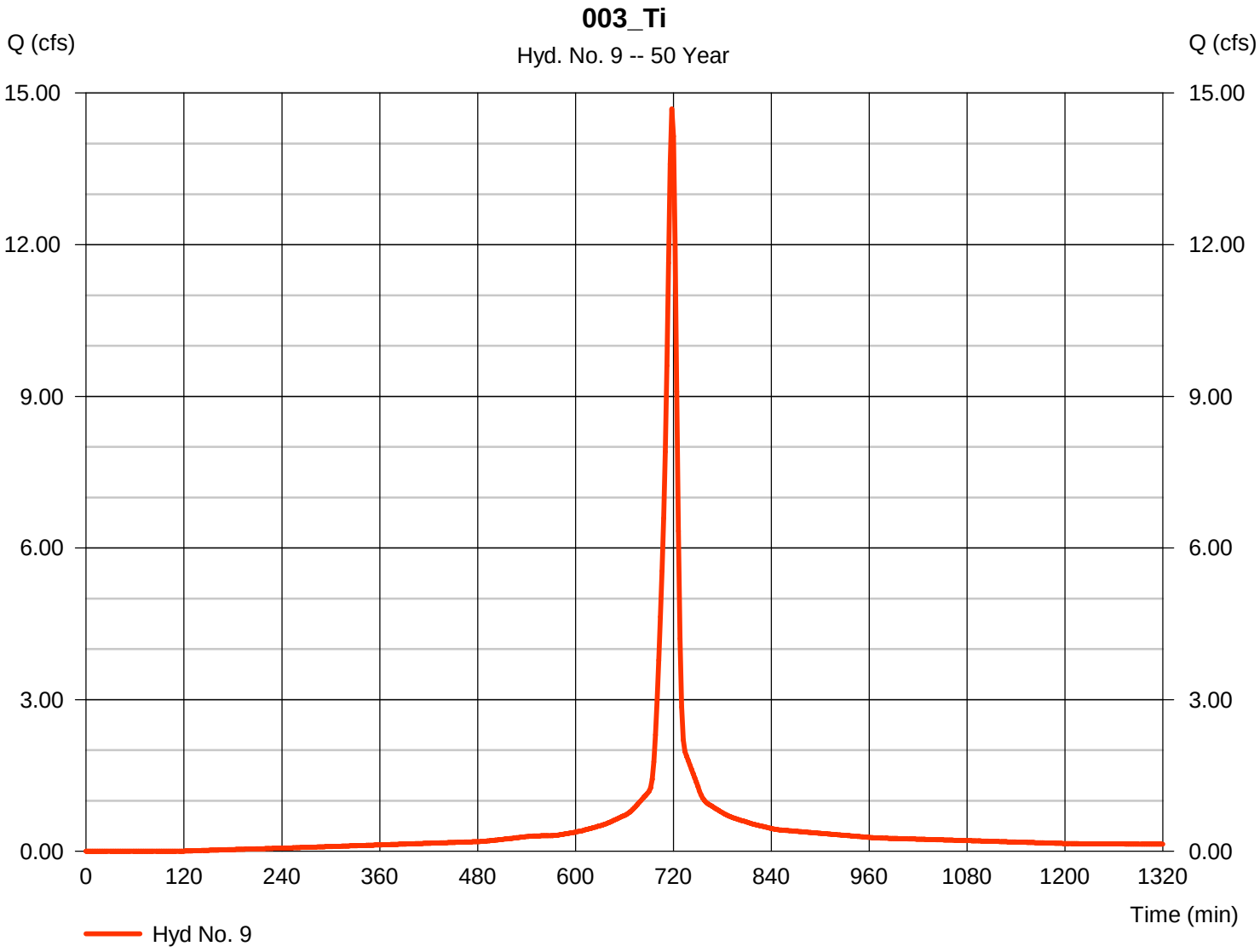
Hydrograph Report

Hyd. No. 9

003_Ti

Hydrograph type	=	SCS Runoff	Peak discharge	=	14.68 cfs
Storm frequency	=	50 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	37,412 cuft
Drainage area	=	1.510 ac	Curve number	=	93*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	9.20 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.228 x 98) + (0.234 x 71) + (0.049 x 71)] / 1.510

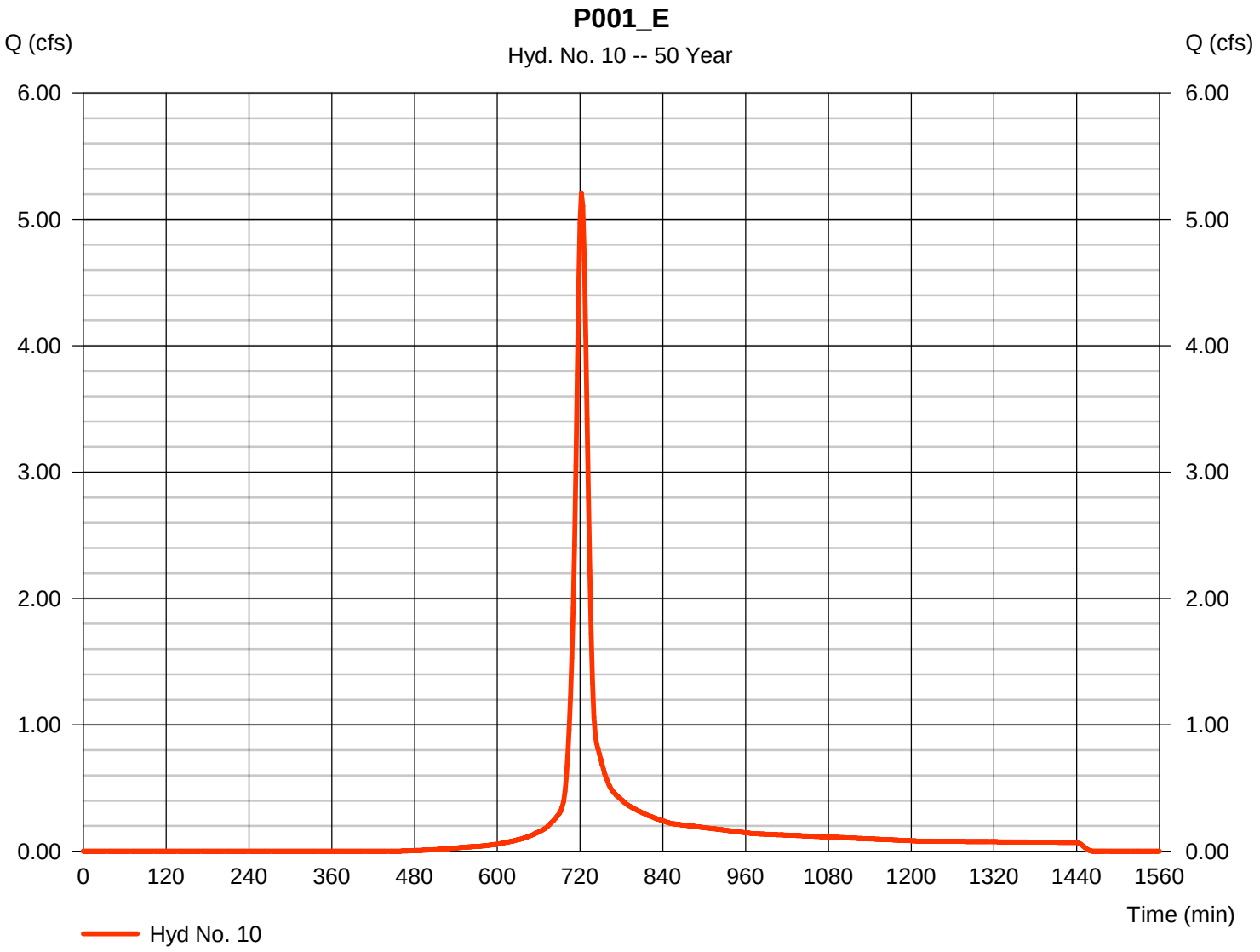


Hydrograph Report

Hyd. No. 10

P001_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	5.210 cfs
Storm frequency	=	50 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	14,606 cuft
Drainage area	=	0.963 ac	Curve number	=	71
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	14.00 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484



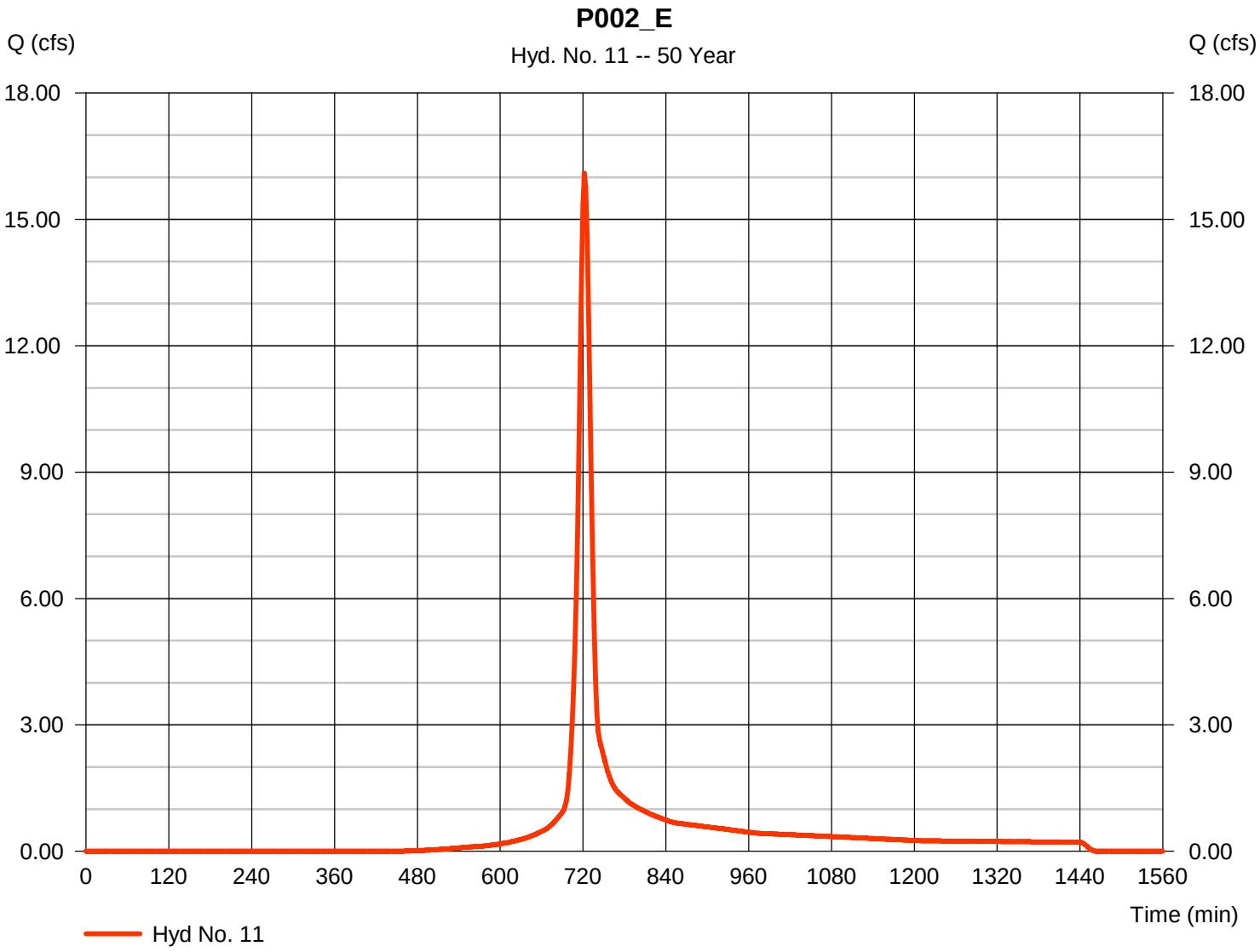
Hydrograph Report

Hyd. No. 11

P002_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	16.09 cfs
Storm frequency	=	50 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	45,121 cuft
Drainage area	=	2.975 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	13.70 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.009 x 98) + (1.040 x 76)] / 2.975



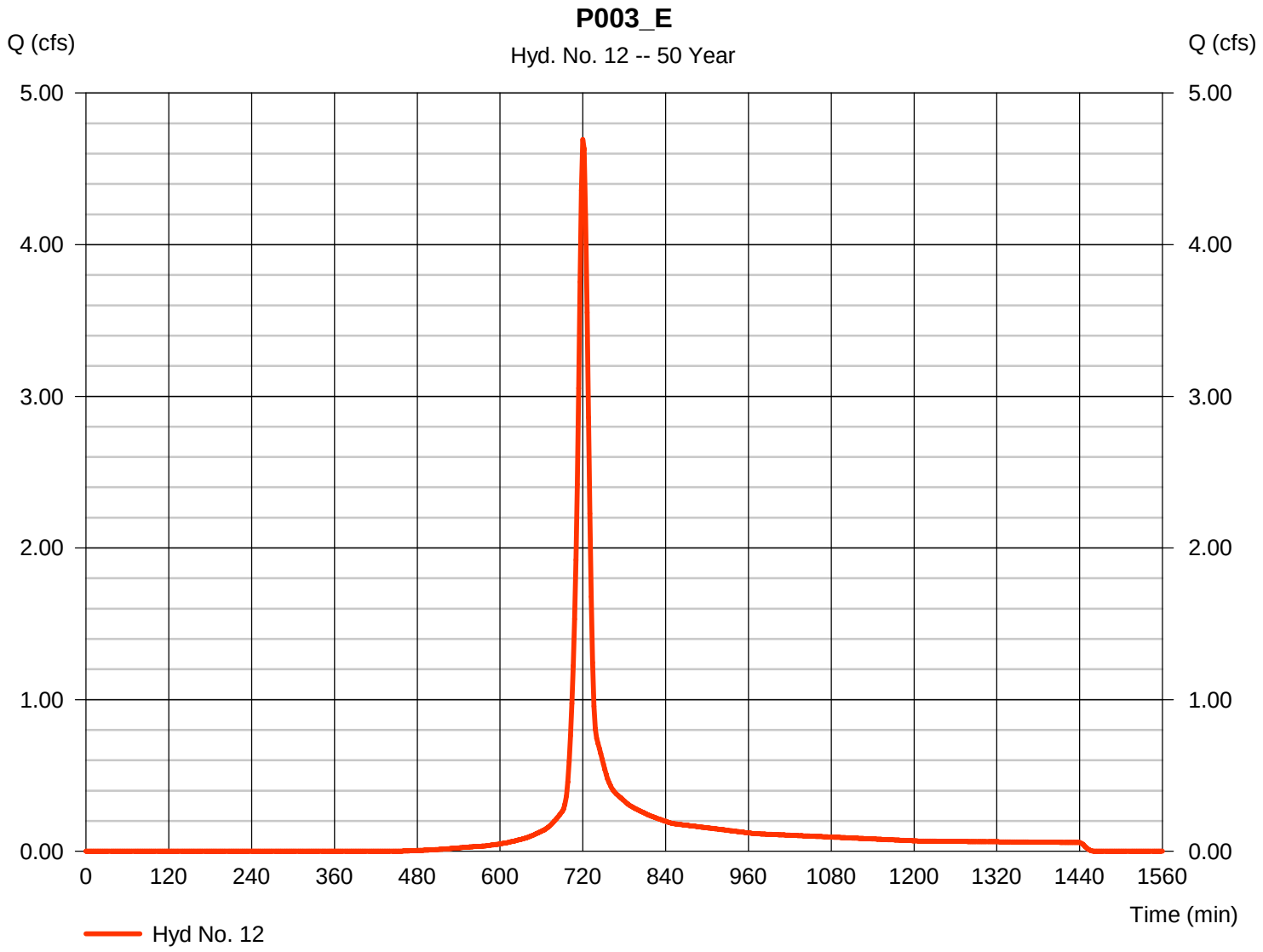
Hydrograph Report

Hyd. No. 12

P003_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	4.694 cfs
Storm frequency	=	50 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	12,176 cuft
Drainage area	=	0.759 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	12.00 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.304 x 98) + (0.073 x 71)] / 0.759



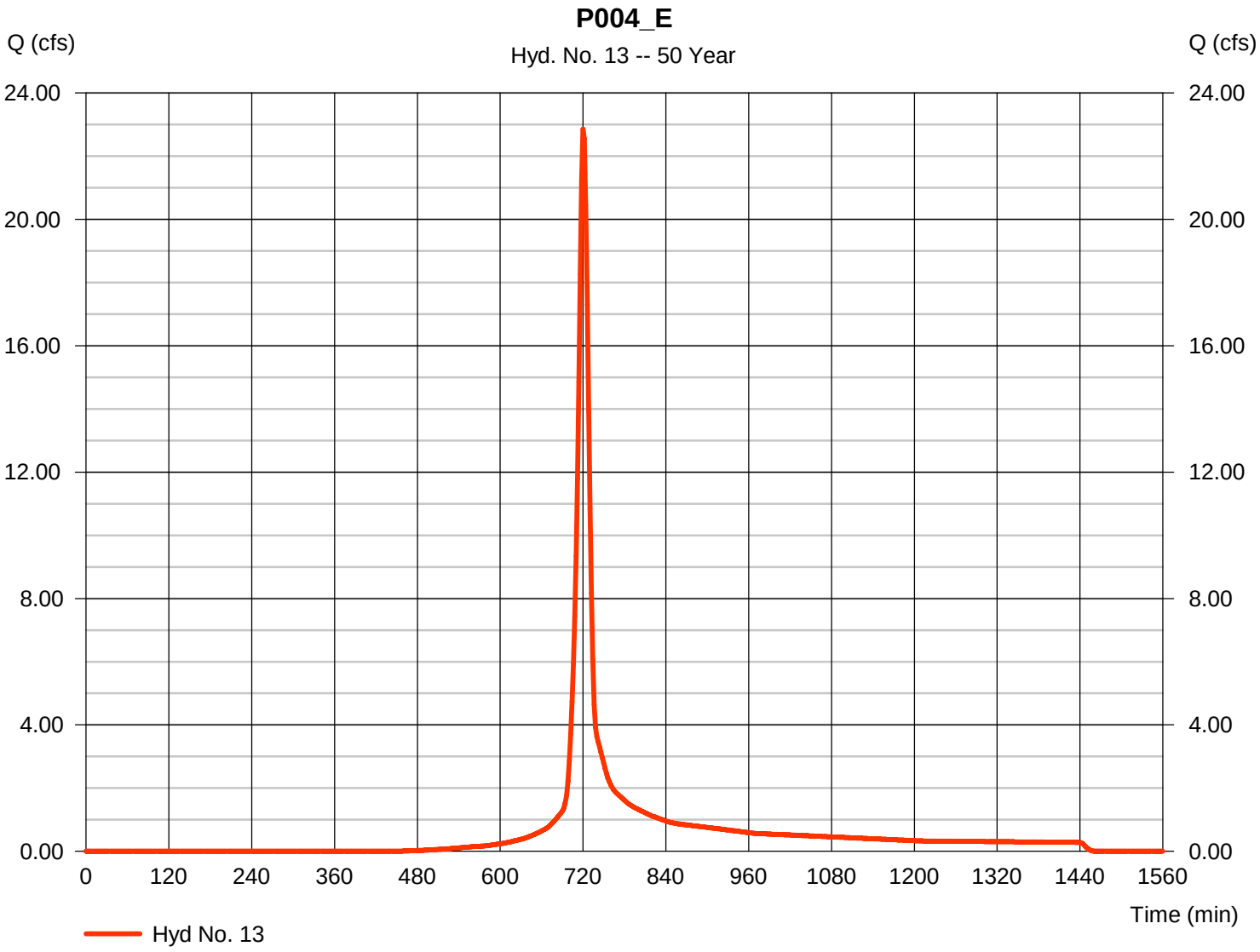
Hydrograph Report

Hyd. No. 13

P004_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	22.85 cfs
Storm frequency	=	50 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	59,274 cuft
Drainage area	=	3.695 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	11.00 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.155 x 98) + (0.109 x 71) + (0.970 x 76)] / 3.695



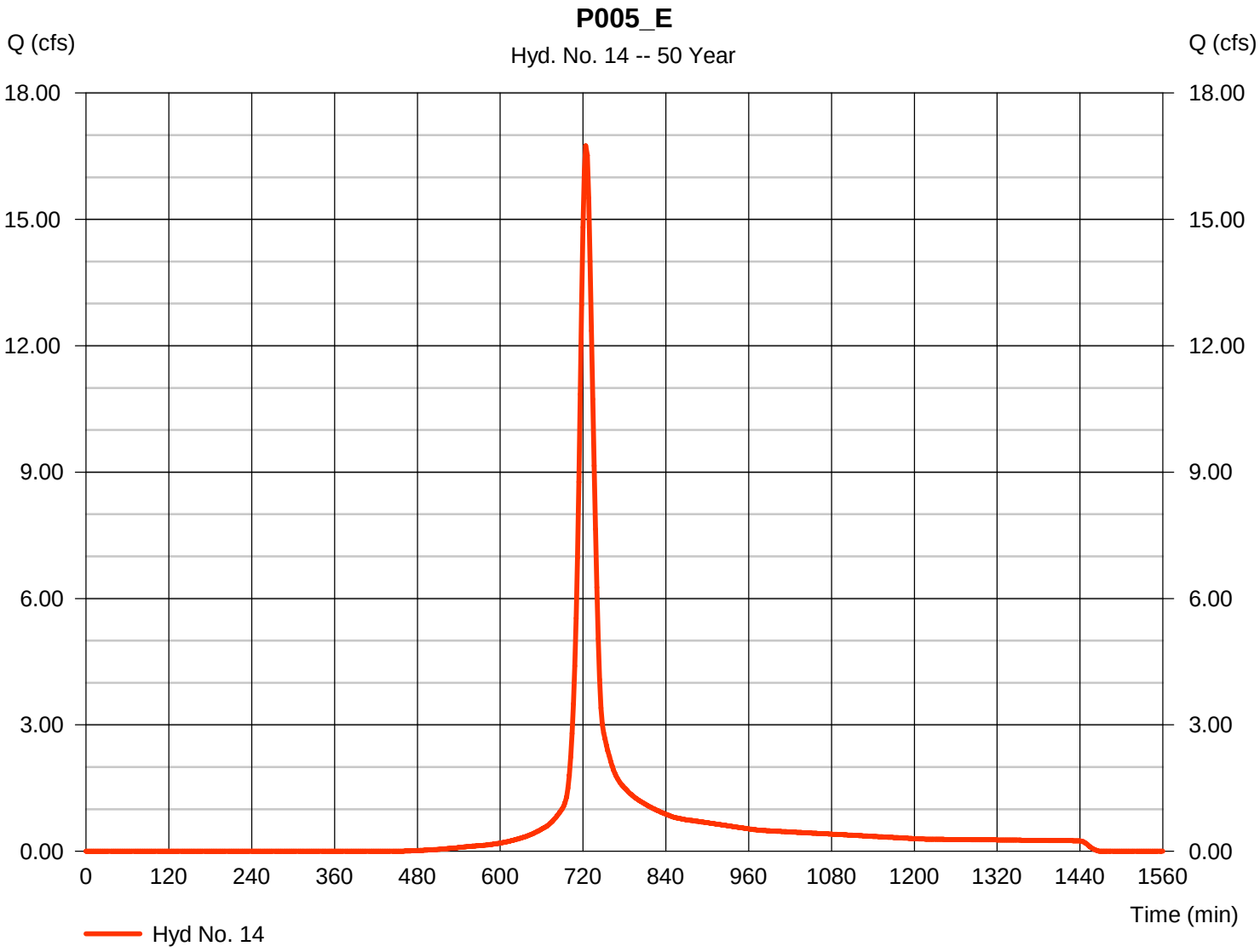
Hydrograph Report

Hyd. No. 14

P005_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	16.75 cfs
Storm frequency	=	50 yrs	Time to peak	=	724 min
Time interval	=	2 min	Hyd. volume	=	52,360 cuft
Drainage area	=	3.366 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	17.50 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.220 x 98) + (0.052 x 71) + (0.081 x 71) + (0.080 x 71)] / 3.366



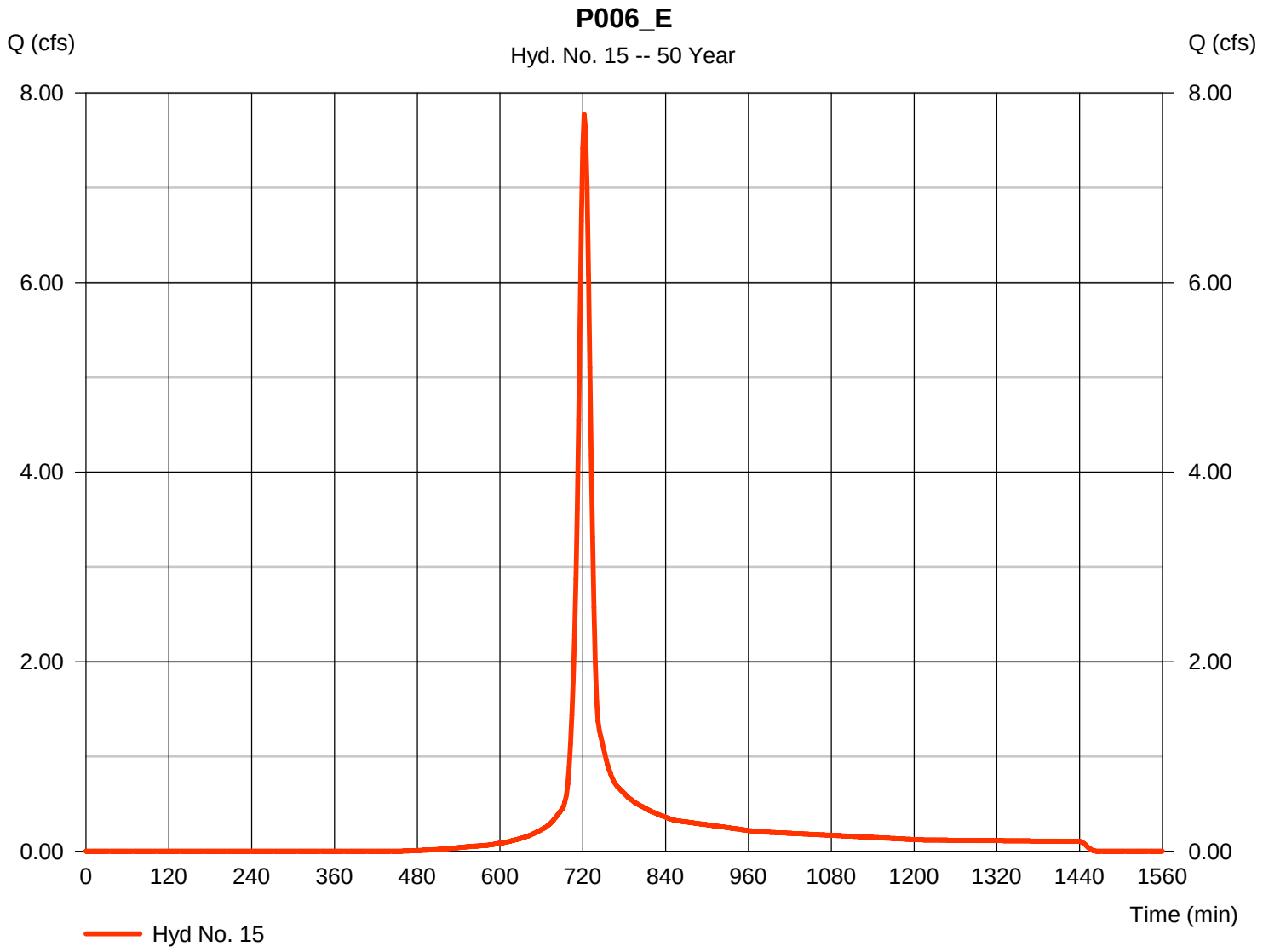
Hydrograph Report

Hyd. No. 15

P006_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	7.774 cfs
Storm frequency	=	50 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	21,795 cuft
Drainage area	=	1.437 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	16.20 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.783 x 98) + (0.059 x 71) + (0.144 x 71) + (0.107 x 71)] / 1.437



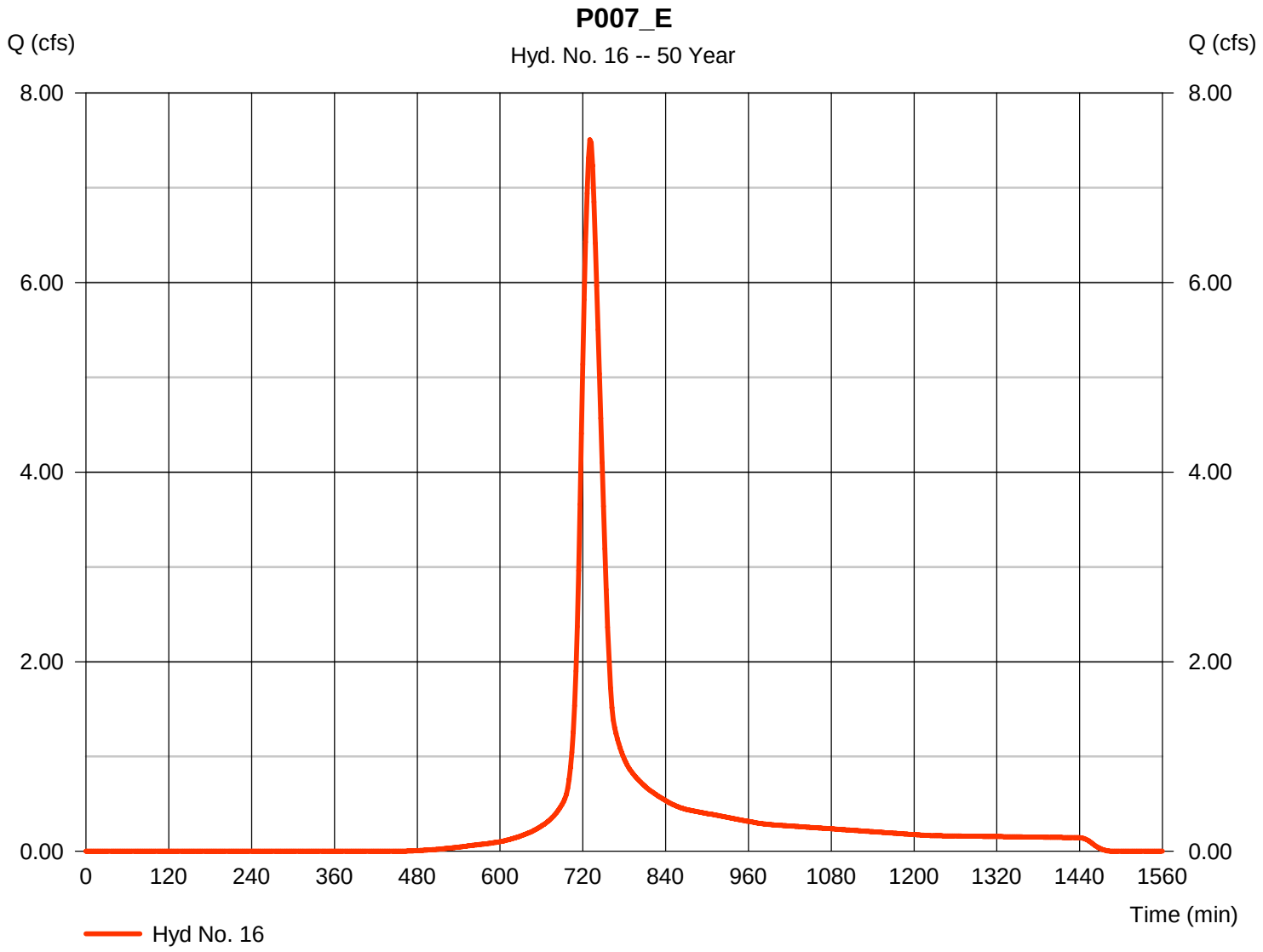
Hydrograph Report

Hyd. No. 16

P007_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	7.506 cfs
Storm frequency	=	50 yrs	Time to peak	=	730 min
Time interval	=	2 min	Hyd. volume	=	30,022 cuft
Drainage area	=	1.930 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	28.30 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.655 x 71) + (0.623 x 98)] / 1.930



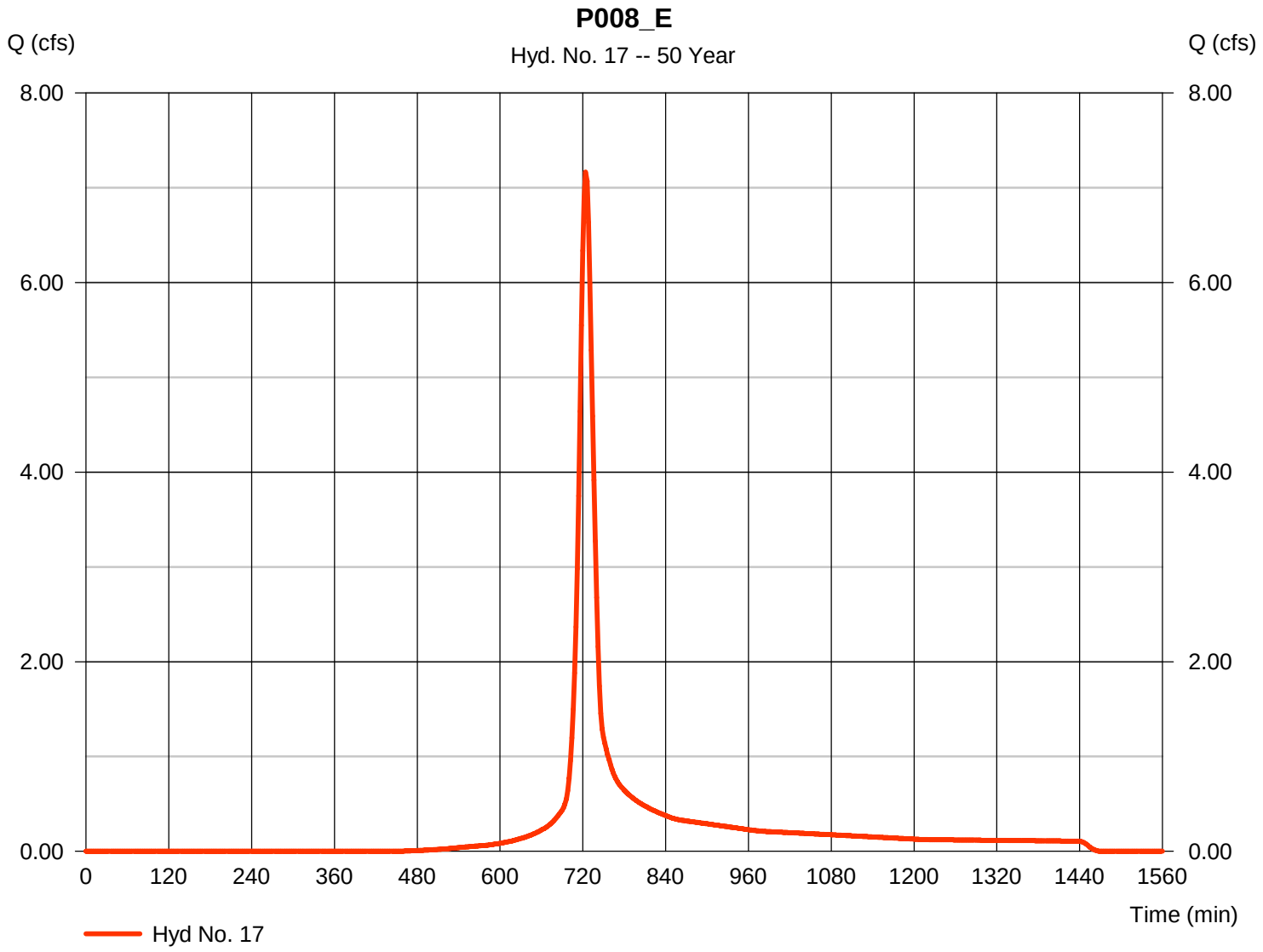
Hydrograph Report

Hyd. No. 17

P008_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	7.165 cfs
Storm frequency	=	50 yrs	Time to peak	=	724 min
Time interval	=	2 min	Hyd. volume	=	22,400 cuft
Drainage area	=	1.440 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	19.00 min
Total precip.	=	7.66 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.736 x 98) + (0.681 x 71)] / 1.440

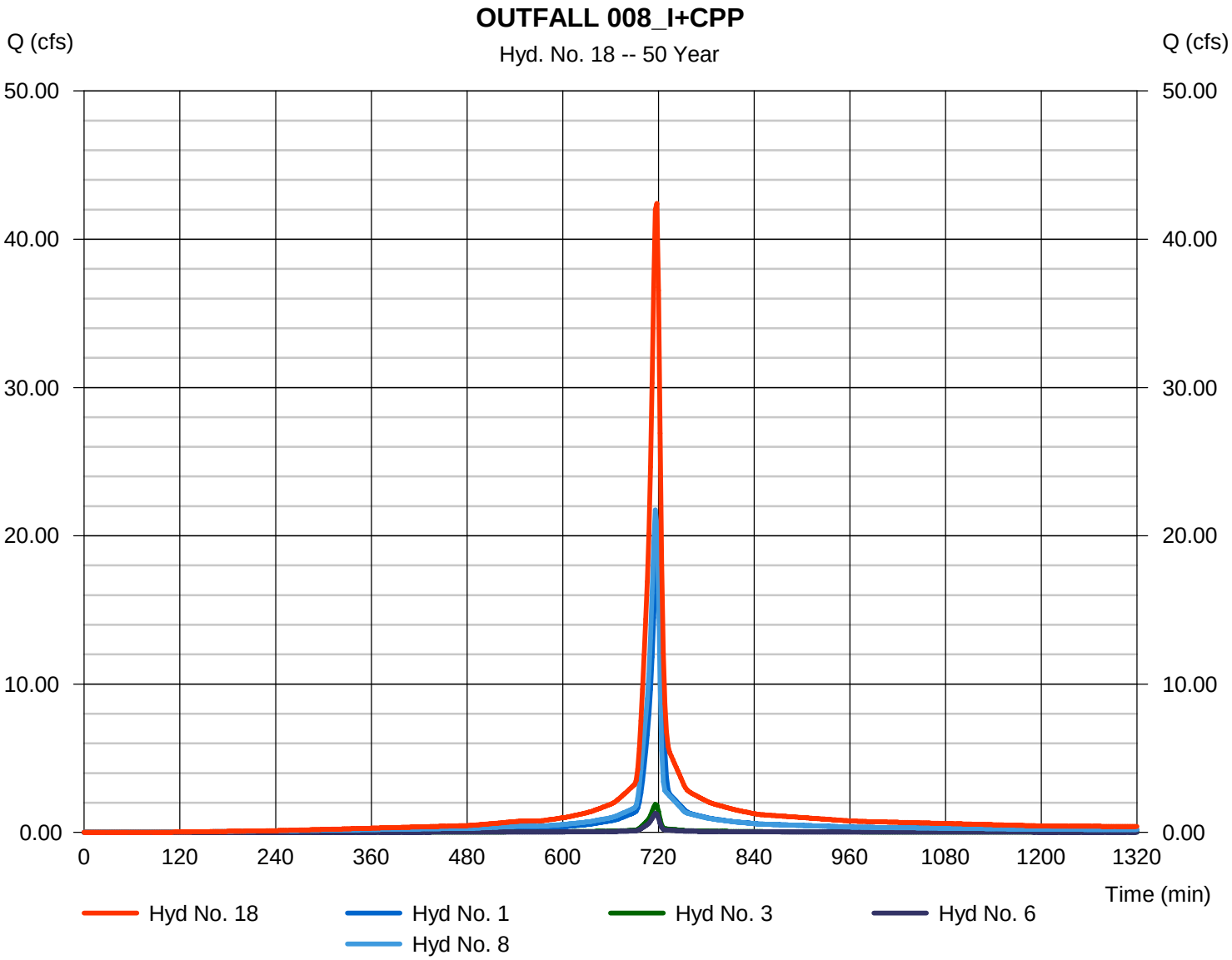


Hydrograph Report

Hyd. No. 18

OUTFALL 008_I+CPP

Hydrograph type	=	Combine	Peak discharge	=	42.41 cfs
Storm frequency	=	50 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	102,125 cuft
Inflow hyds.	=	1, 3, 6, 8	Contrib. drain. area	=	4.493 ac

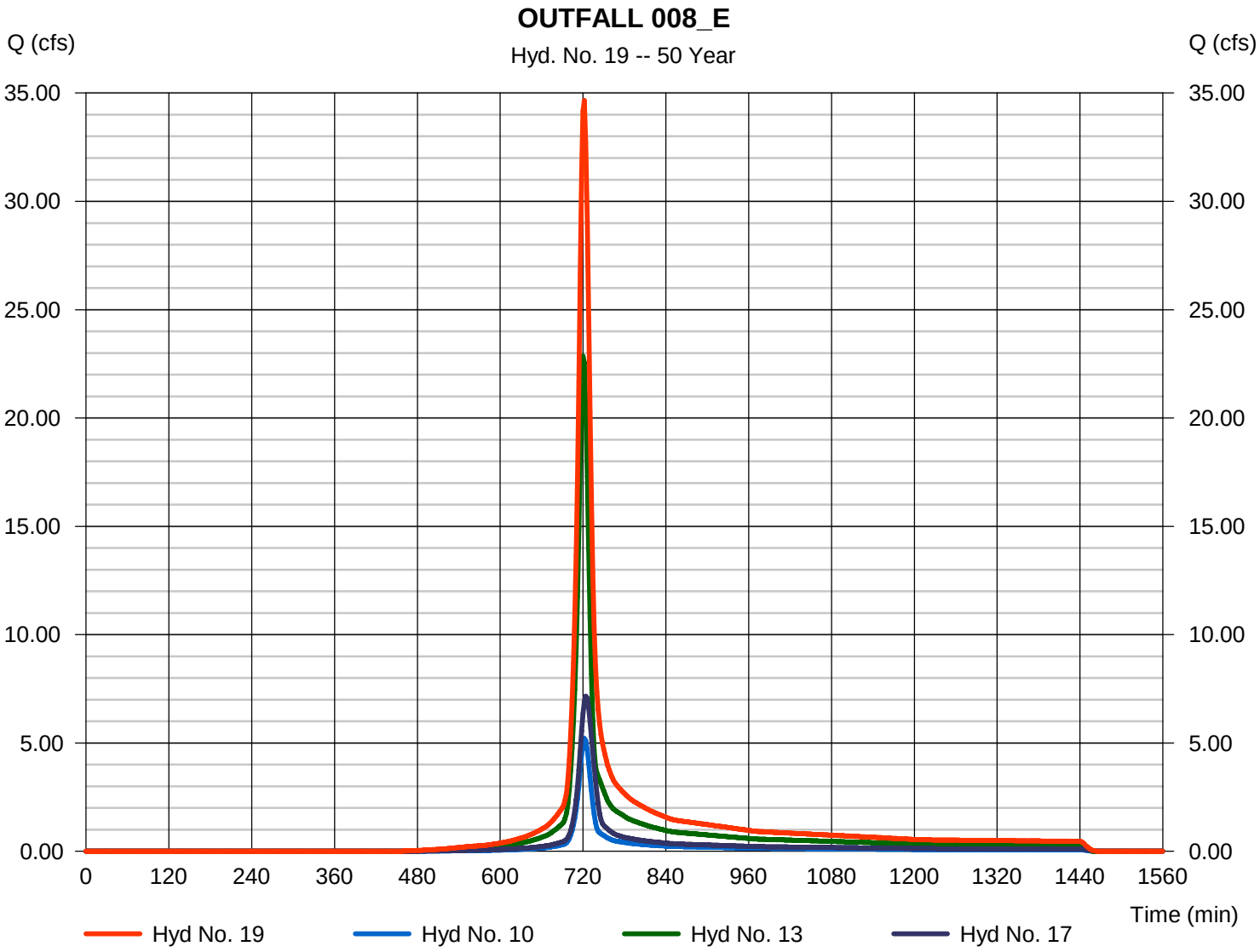


Hydrograph Report

Hyd. No. 19

OUTFALL 008_E

Hydrograph type	= Combine	Peak discharge	= 34.65 cfs
Storm frequency	= 50 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 96,280 cuft
Inflow hyds.	= 10, 13, 17	Contrib. drain. area	= 6.098 ac

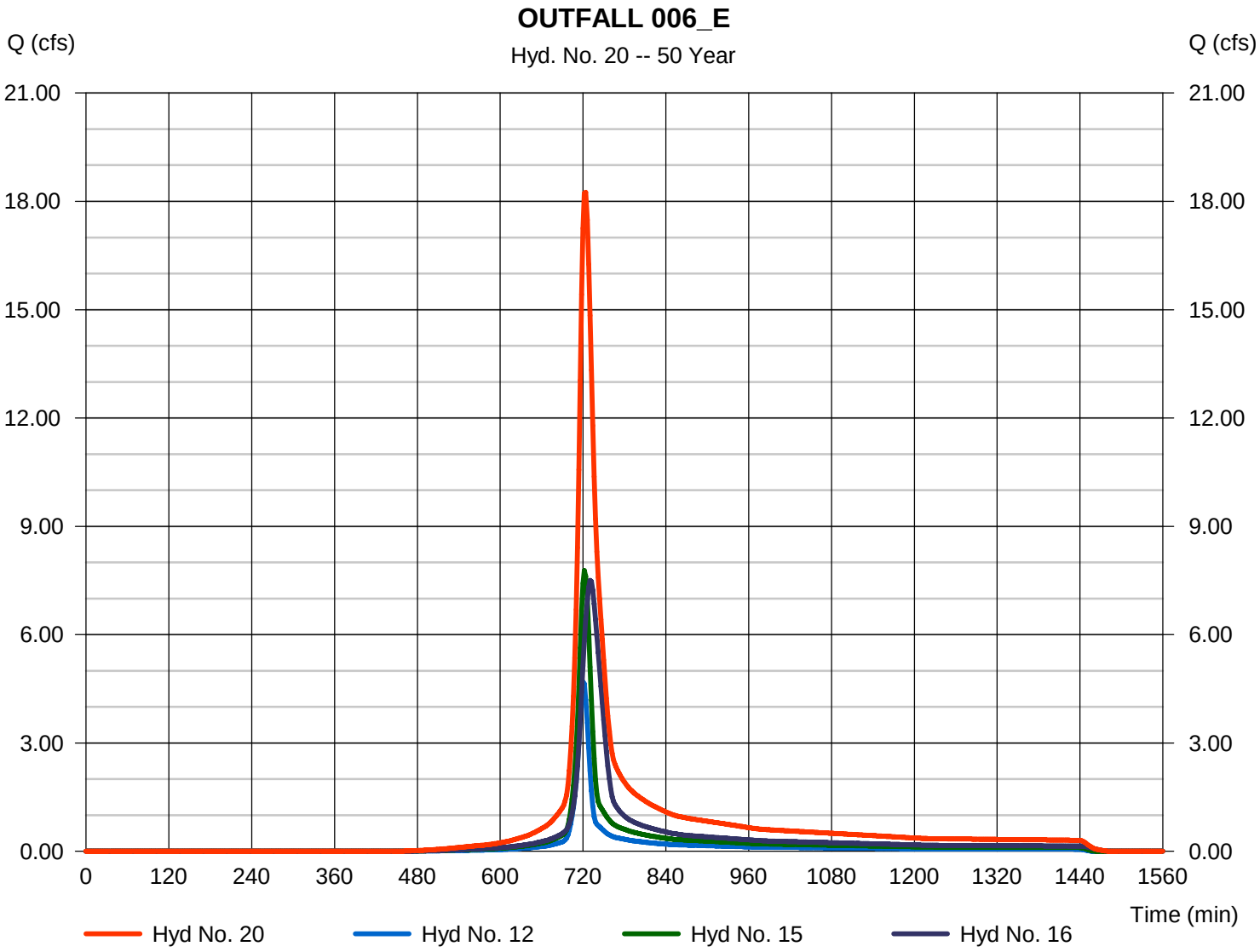


Hydrograph Report

Hyd. No. 20

OUTFALL 006_E

Hydrograph type	=	Combine	Peak discharge	=	18.25 cfs
Storm frequency	=	50 yrs	Time to peak	=	724 min
Time interval	=	2 min	Hyd. volume	=	63,993 cuft
Inflow hyds.	=	12, 15, 16	Contrib. drain. area	=	4.126 ac

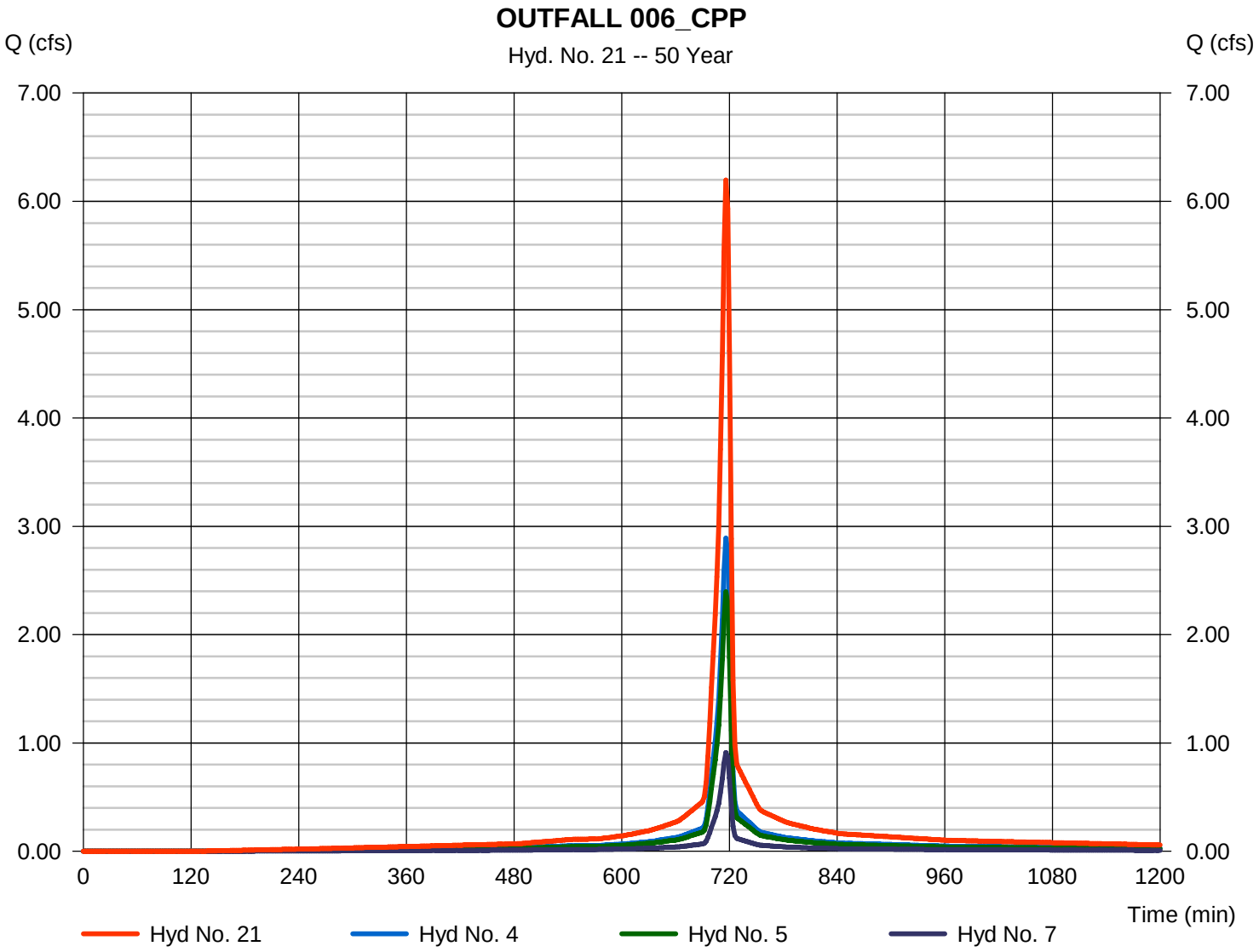


Hydrograph Report

Hyd. No. 21

OUTFALL 006_CPP

Hydrograph type	= Combine	Peak discharge	= 6.197 cfs
Storm frequency	= 50 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 13,992 cuft
Inflow hyds.	= 4, 5, 7	Contrib. drain. area	= 0.613 ac

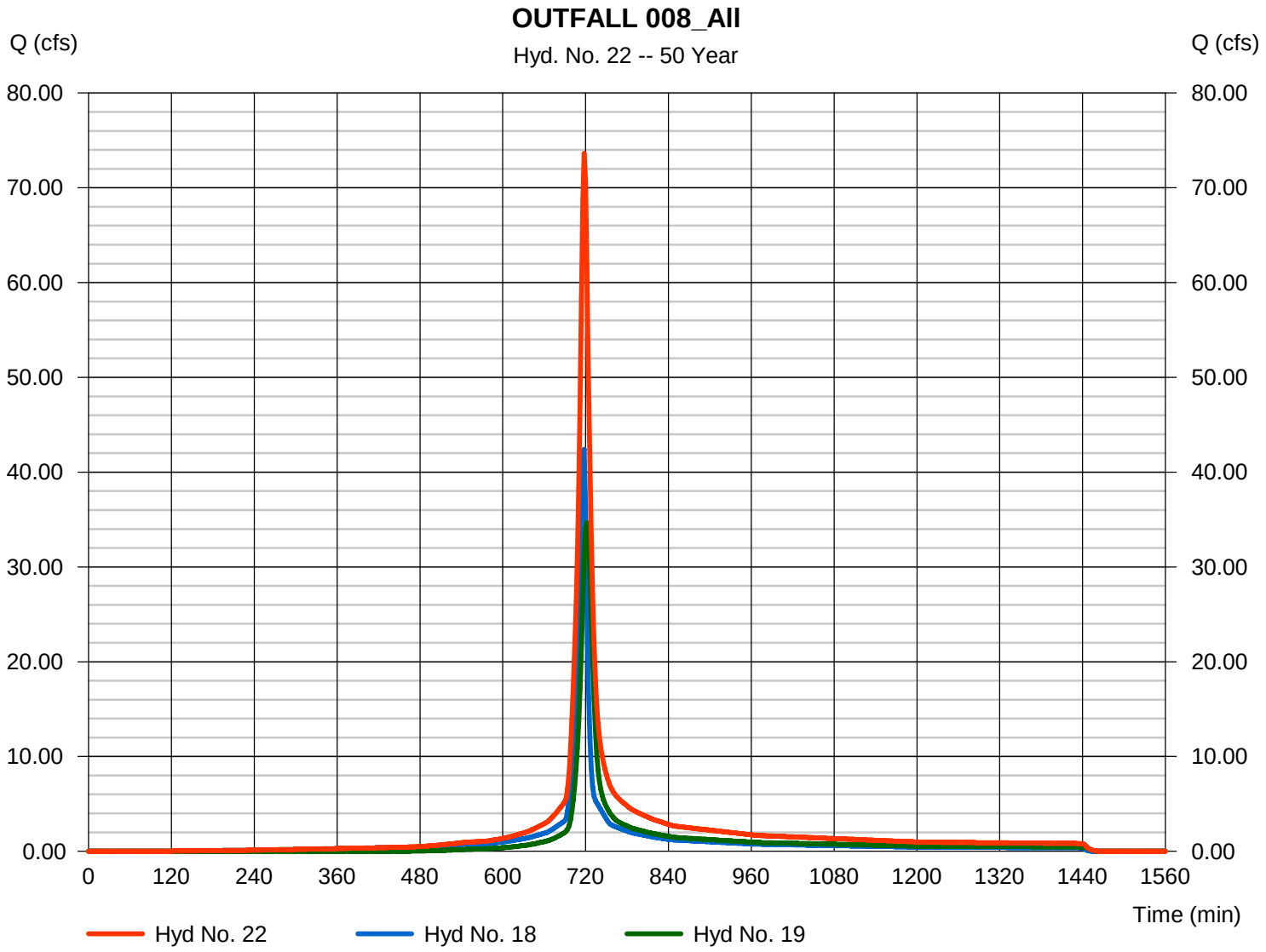


Hydrograph Report

Hyd. No. 22

OUTFALL 008_All

Hydrograph type	= Combine	Peak discharge	= 73.64 cfs
Storm frequency	= 50 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 198,405 cuft
Inflow hyds.	= 18, 19	Contrib. drain. area	= 0.000 ac

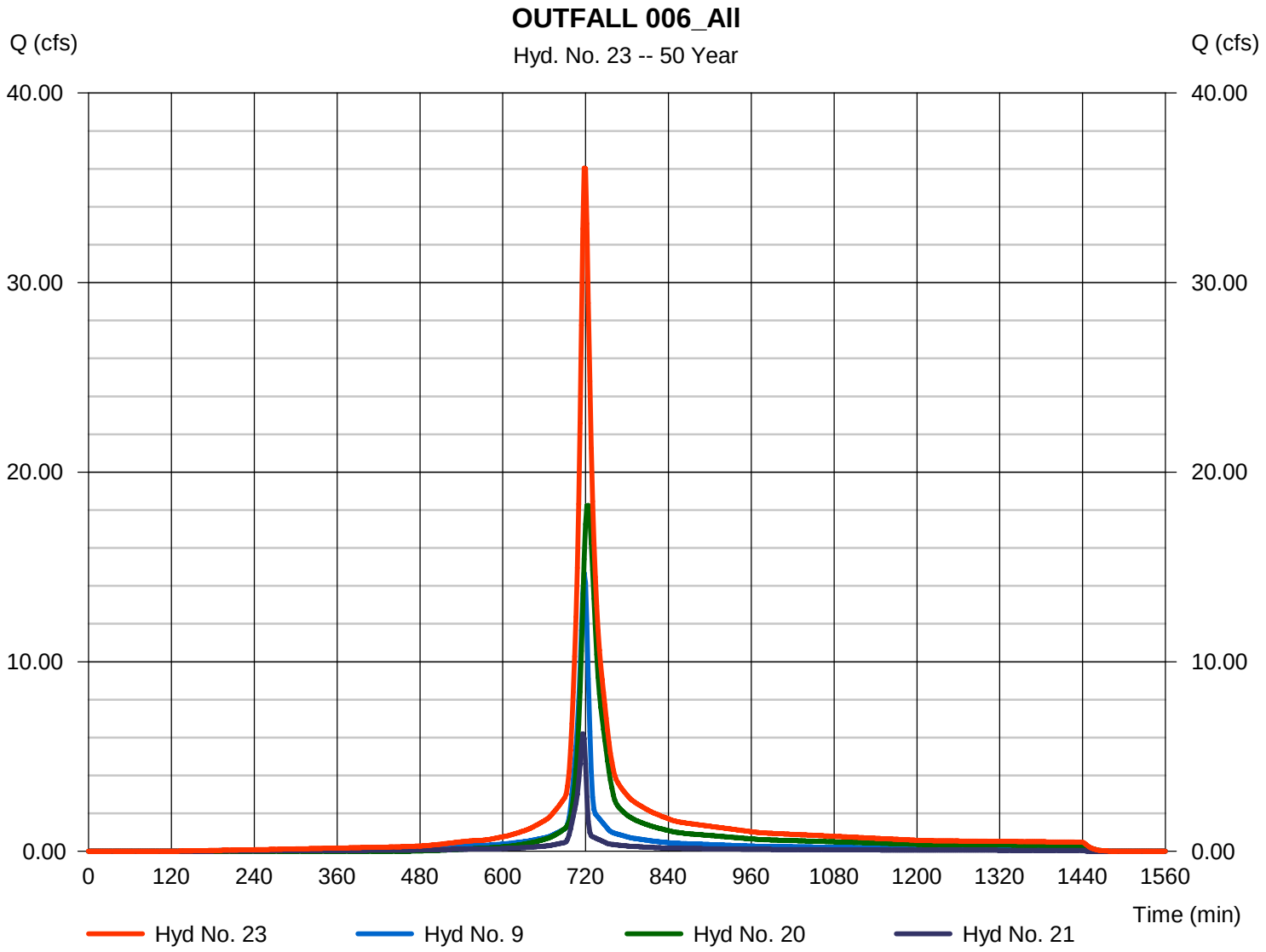


Hydrograph Report

Hyd. No. 23

OUTFALL 006_All

Hydrograph type	=	Combine	Peak discharge	=	36.03 cfs
Storm frequency	=	50 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	115,396 cuft
Inflow hyds.	=	9, 20, 21	Contrib. drain. area	=	1.510 ac

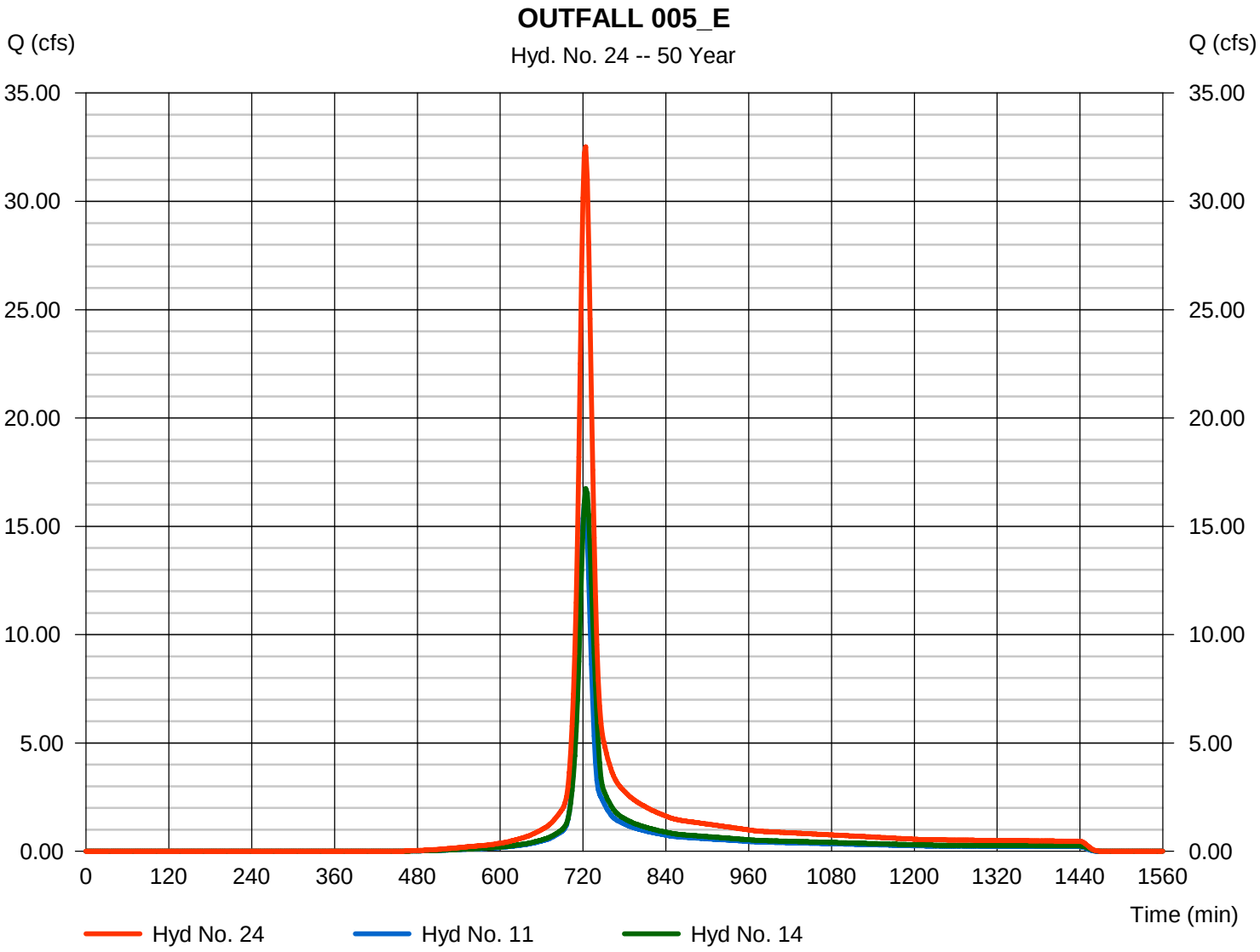


Hydrograph Report

Hyd. No. 24

OUTFALL 005_E

Hydrograph type	= Combine	Peak discharge	= 32.52 cfs
Storm frequency	= 50 yrs	Time to peak	= 724 min
Time interval	= 2 min	Hyd. volume	= 97,481 cuft
Inflow hyds.	= 11, 14	Contrib. drain. area	= 6.341 ac

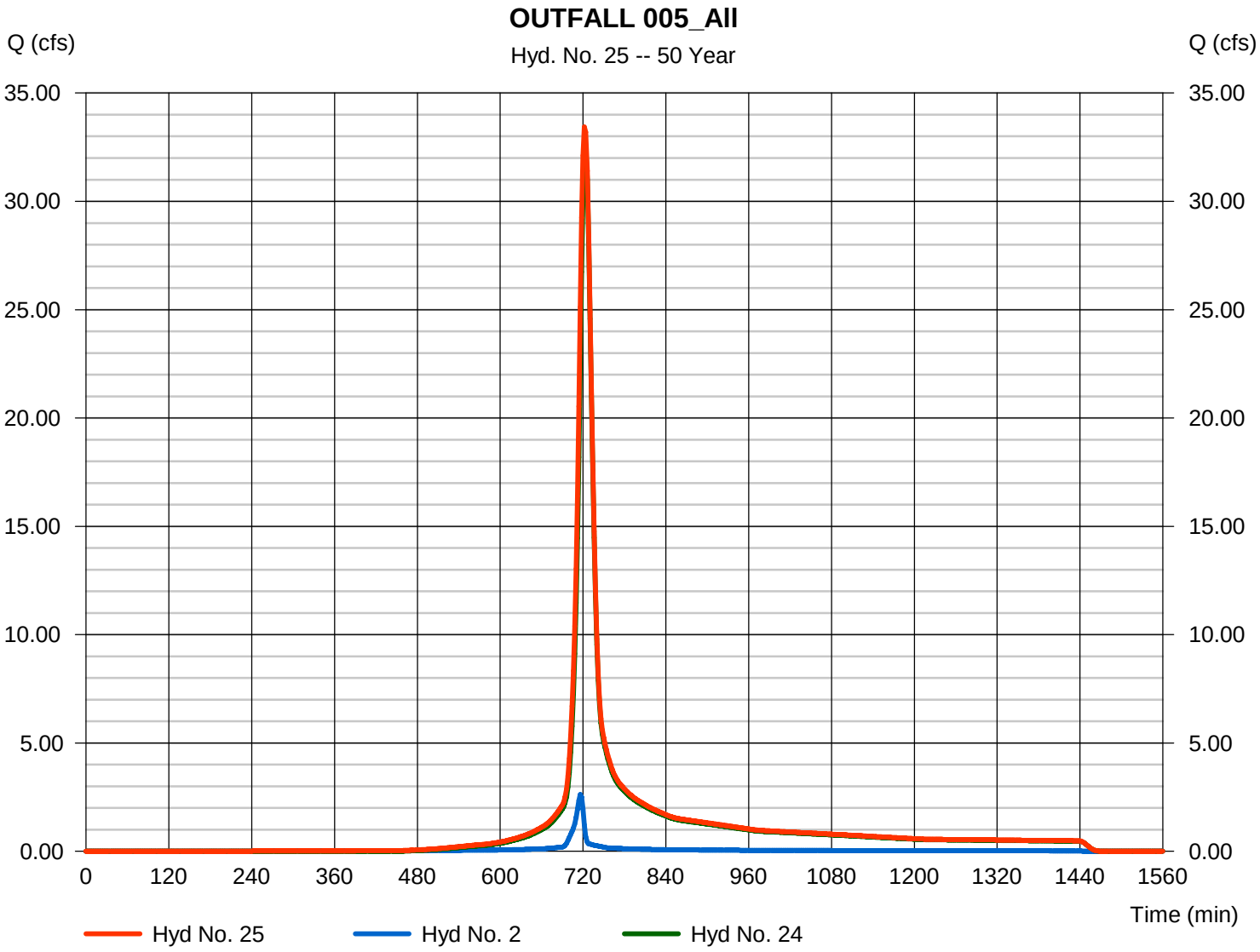


Hydrograph Report

Hyd. No. 25

OUTFALL 005_All

Hydrograph type	= Combine	Peak discharge	= 33.44 cfs
Storm frequency	= 50 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 103,393 cuft
Inflow hyds.	= 2, 24	Contrib. drain. area	= 0.259 ac



Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	22.31	2	718	54,470	------	------	------	001_I
2	SCS Runoff	3.096	2	716	7,064	------	------	------	004_CPP
3	SCS Runoff	2.235	2	716	5,100	------	------	------	005_CPP
4	SCS Runoff	3.418	2	716	7,801	------	------	------	006_CPP
5	SCS Runoff	2.833	2	716	6,464	------	------	------	007_CPP
6	SCS Runoff	1.506	2	716	3,437	------	------	------	008_CPP
7	SCS Runoff	1.076	2	716	2,455	------	------	------	009_CPP
8	SCS Runoff	25.62	2	716	59,571	------	------	------	002_I
9	SCS Runoff	17.33	2	718	44,595	------	------	------	003_Ti
10	SCS Runoff	6.596	2	722	18,544	------	------	------	P001_E
11	SCS Runoff	20.38	2	722	57,287	------	------	------	P002_E
12	SCS Runoff	5.941	2	720	15,459	------	------	------	P003_E
13	SCS Runoff	28.92	2	720	75,256	------	------	------	P004_E
14	SCS Runoff	21.24	2	724	66,478	------	------	------	P005_E
15	SCS Runoff	9.842	2	722	27,671	------	------	------	P006_E
16	SCS Runoff	9.539	2	730	38,117	------	------	------	P007_E
17	SCS Runoff	9.085	2	724	28,440	------	------	------	P008_E
18	Combine	50.36	2	718	122,578	1, 3, 6, 8,	------	------	OUTFALL 008_I+CPP
19	Combine	43.80	2	722	122,240	10, 13, 17,	------	------	OUTFALL 008_E
20	Combine	23.16	2	722	81,247	12, 15, 16,	------	------	OUTFALL 006_E
21	Combine	7.327	2	716	16,720	4, 5, 7,	------	------	OUTFALL 006_CPP
22	Combine	90.17	2	718	244,818	18, 19,	------	------	OUTFALL 008_All
23	Combine	44.14	2	720	142,562	9, 20, 21,	------	------	OUTFALL 006_All
24	Combine	41.14	2	724	123,765	11, 14,	------	------	OUTFALL 005_E
25	Combine	42.33	2	722	130,830	2, 24	------	------	OUTFALL 005_All

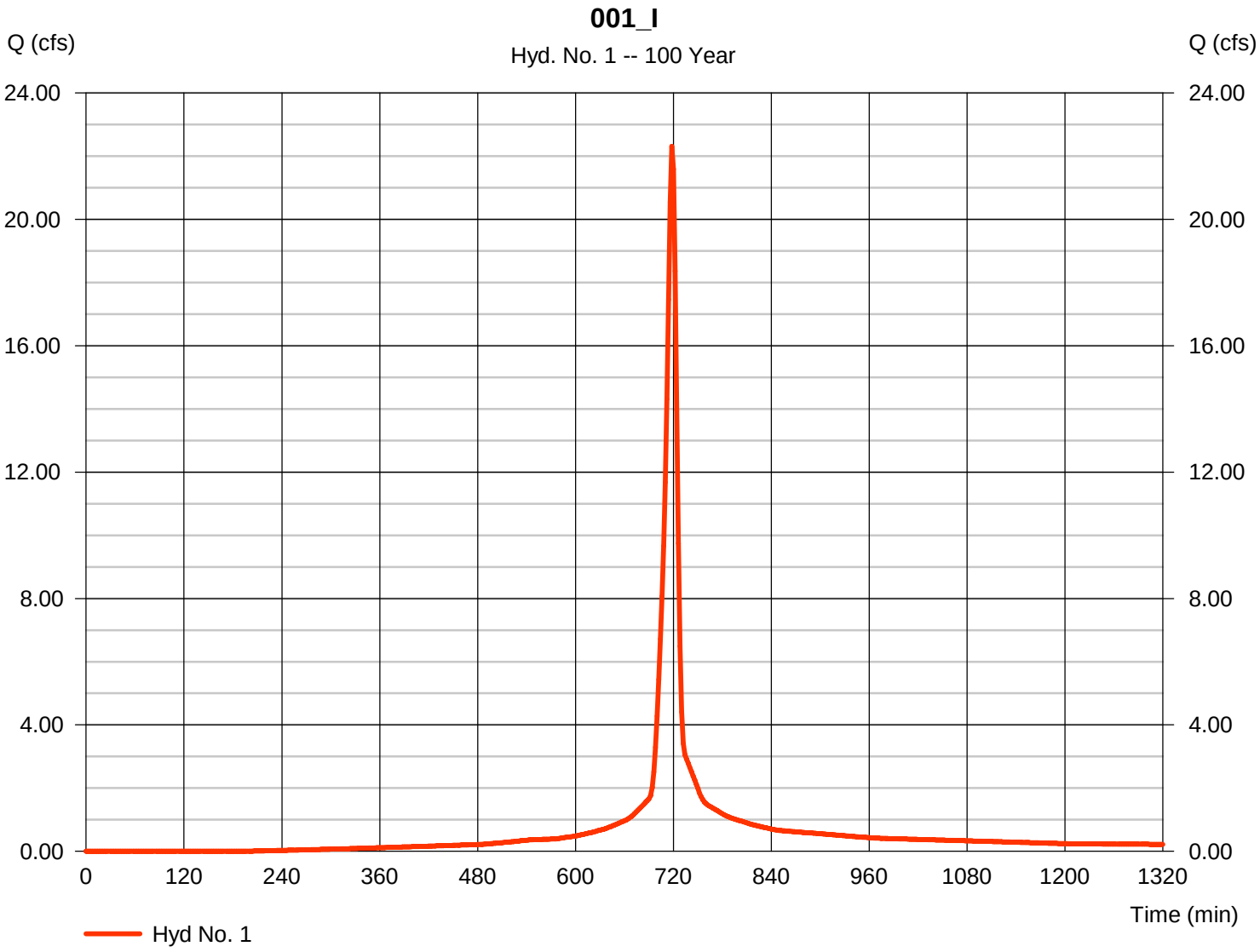
Hydrograph Report

Hyd. No. 1

001_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	22.31 cfs
Storm frequency	=	100 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	54,470 cuft
Drainage area	=	2.060 ac	Curve number	=	86*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	7.20 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.140 x 98) + (0.860 x 71) + (0.060 x 71)] / 2.060

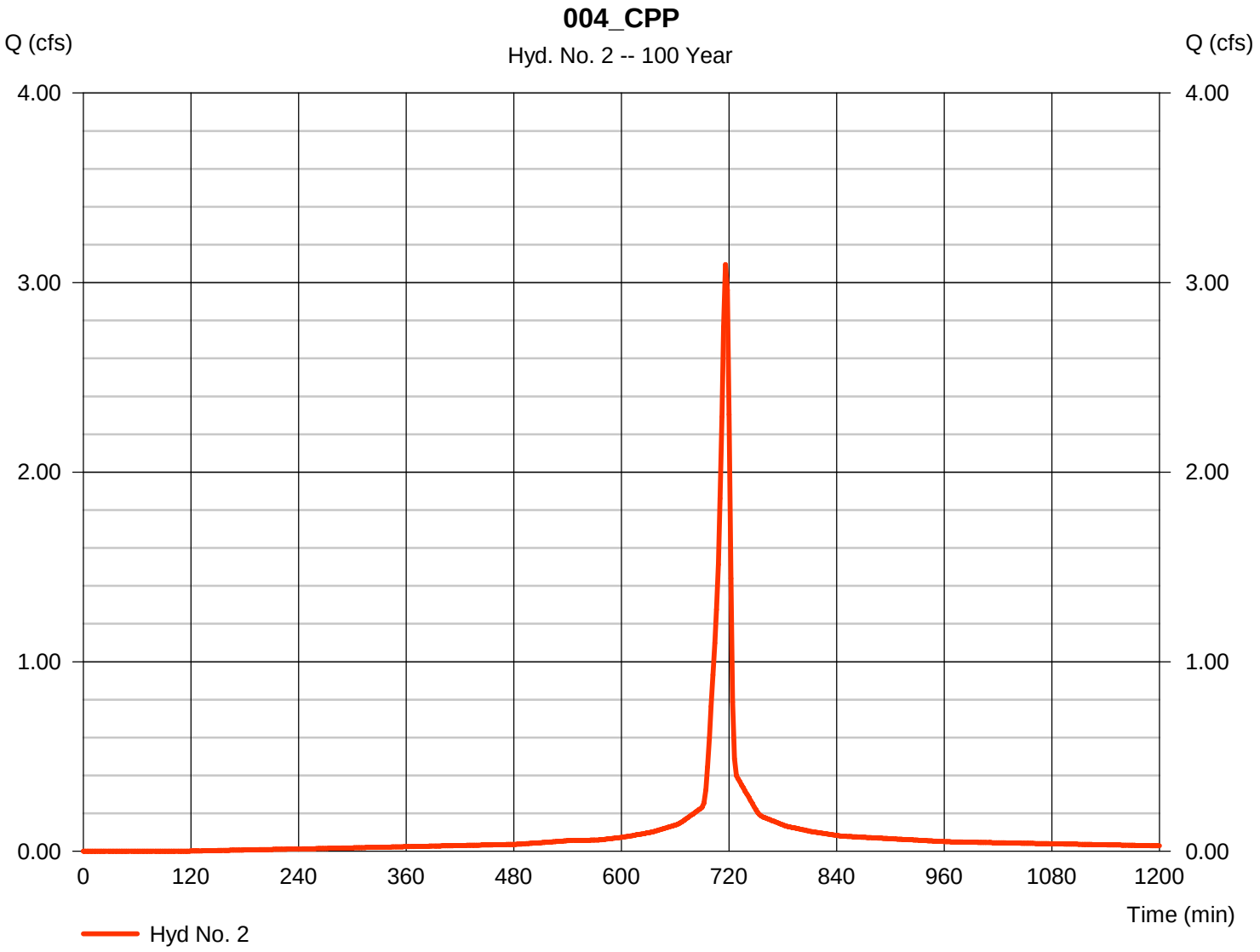


Hydrograph Report

Hyd. No. 2

004_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	3.096 cfs
Storm frequency	=	100 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	7,064 cuft
Drainage area	=	0.259 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

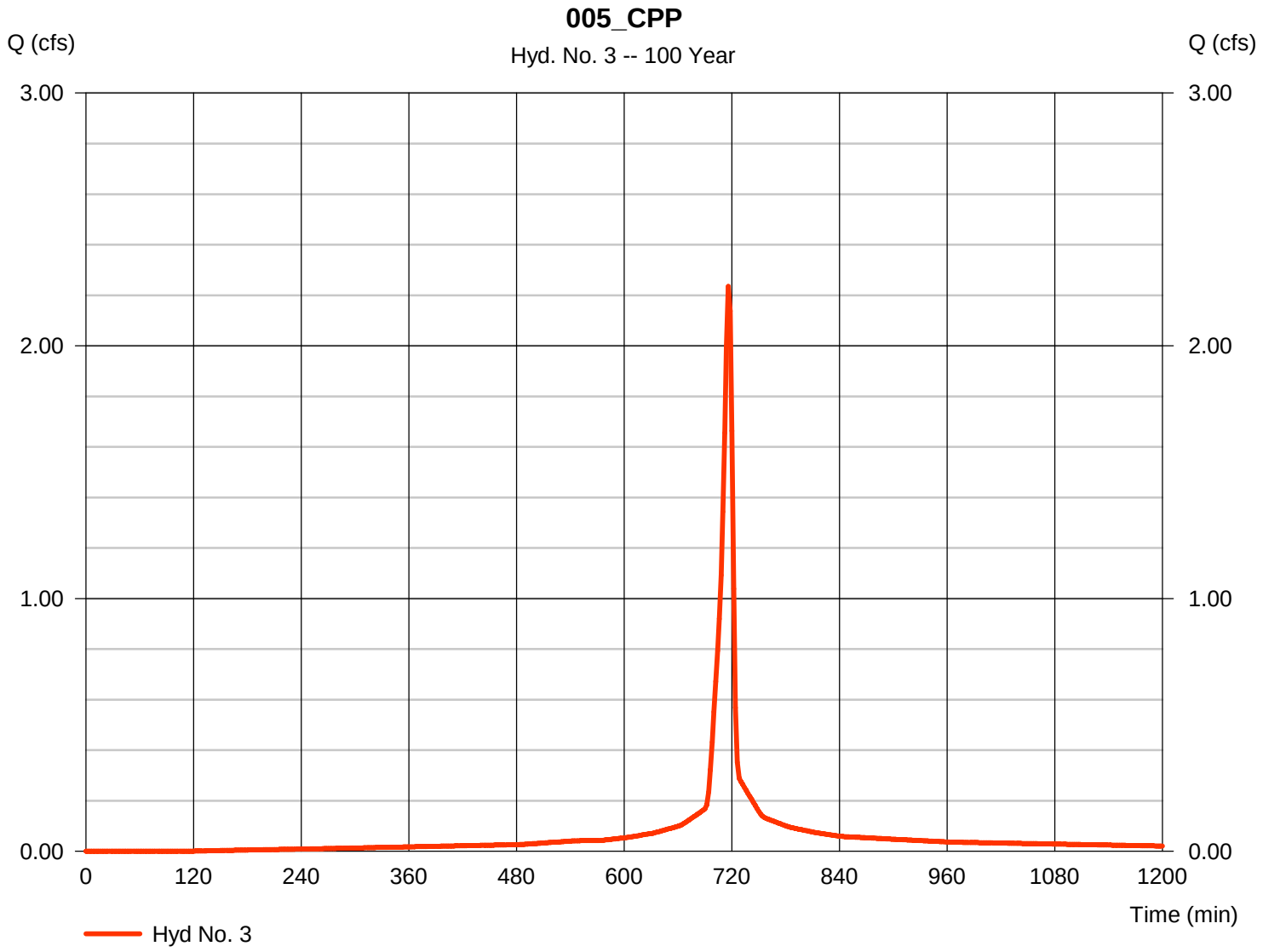


Hydrograph Report

Hyd. No. 3

005_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.235 cfs
Storm frequency	=	100 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	5,100 cuft
Drainage area	=	0.187 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

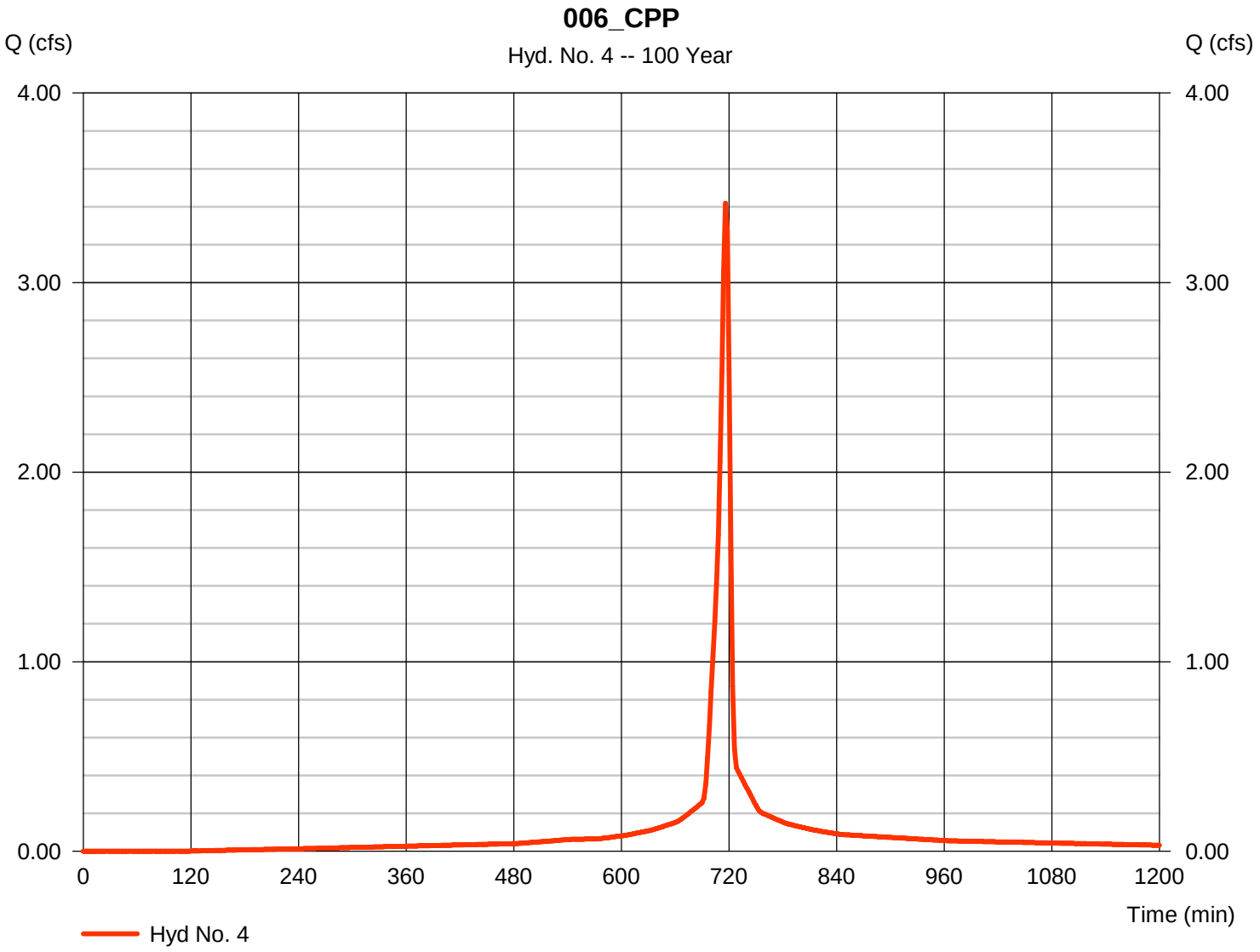


Hydrograph Report

Hyd. No. 4

006_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	3.418 cfs
Storm frequency	=	100 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	7,801 cuft
Drainage area	=	0.286 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

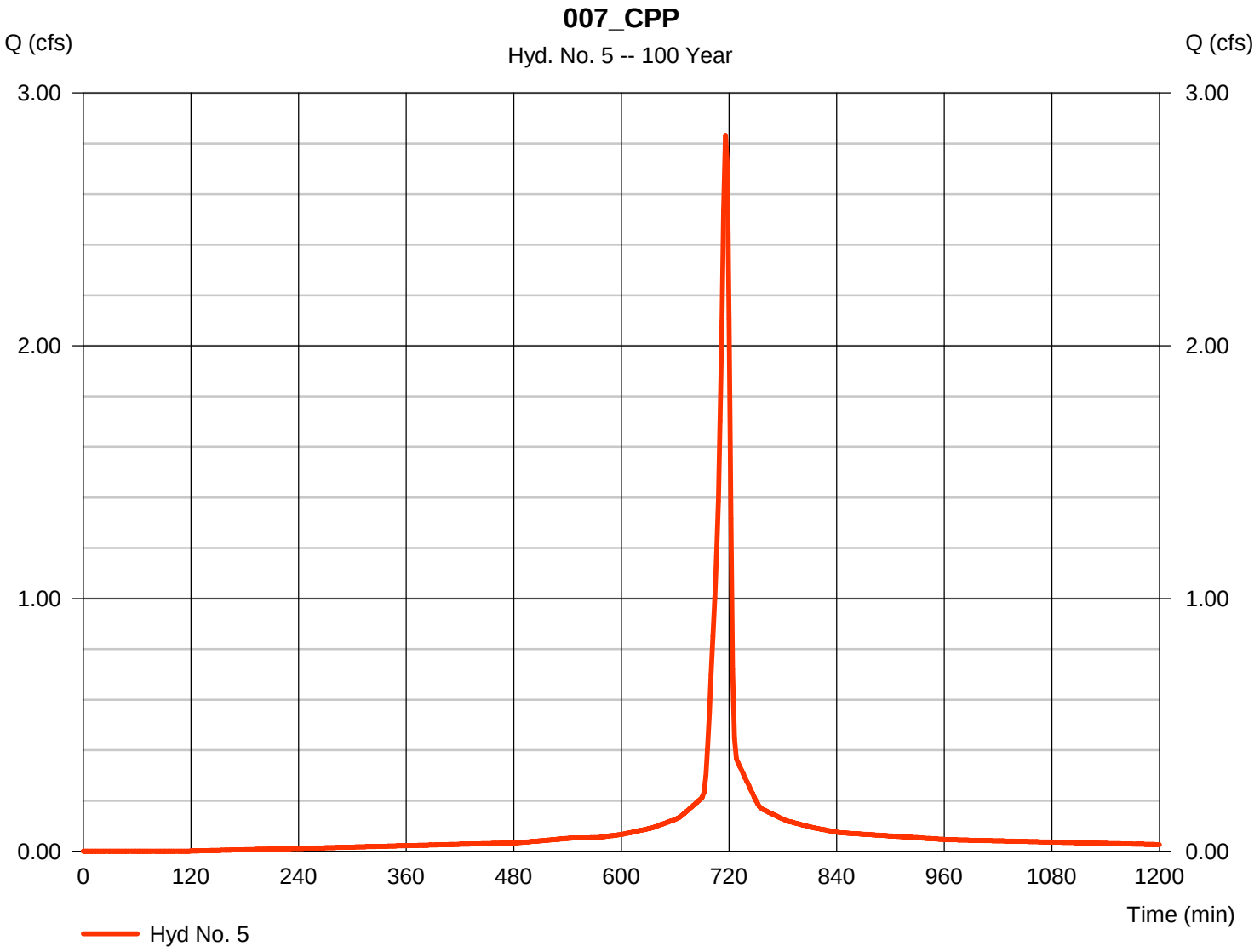


Hydrograph Report

Hyd. No. 5

007_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	2.833 cfs
Storm frequency	=	100 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	6,464 cuft
Drainage area	=	0.237 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

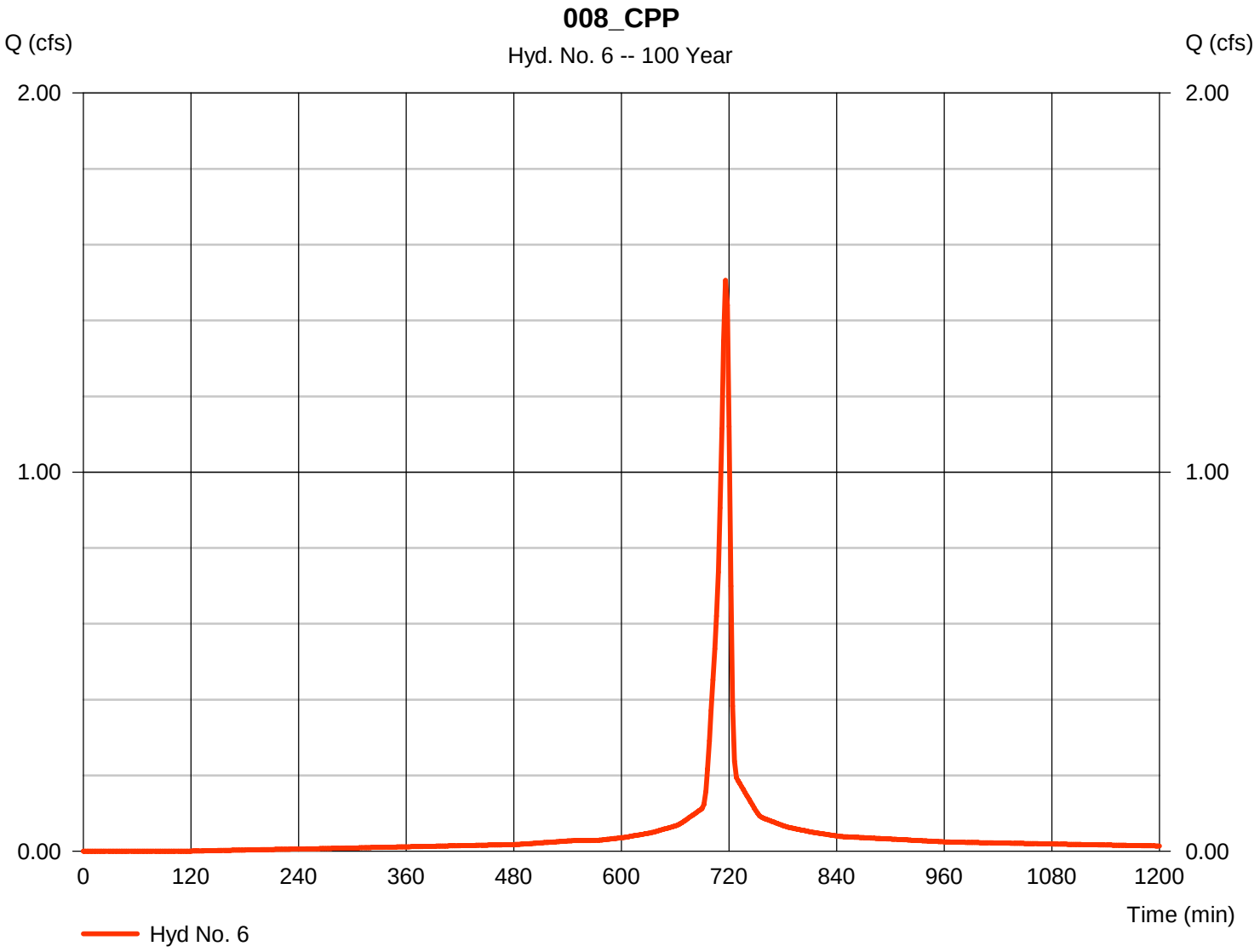


Hydrograph Report

Hyd. No. 6

008_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.506 cfs
Storm frequency	=	100 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	3,437 cuft
Drainage area	=	0.126 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

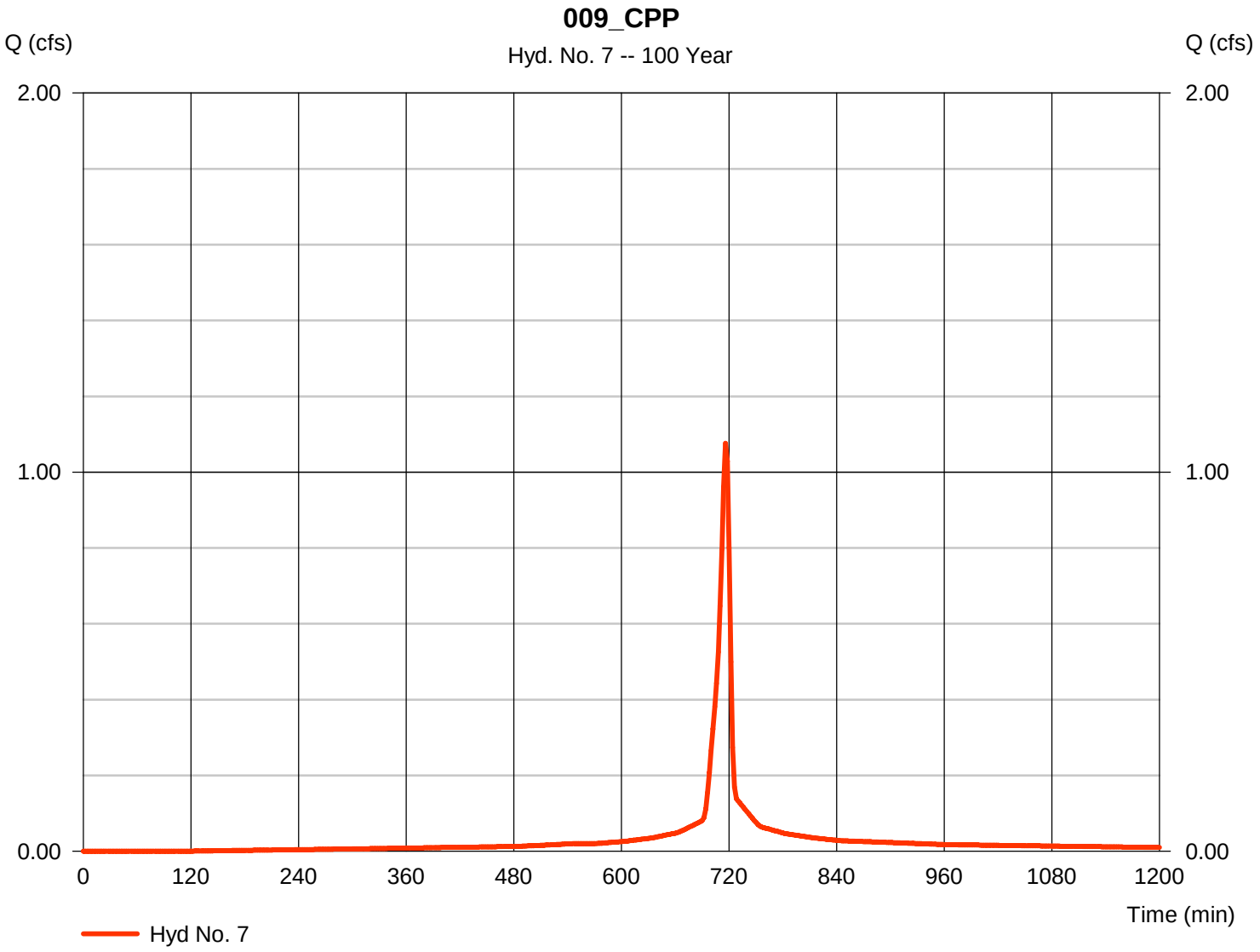


Hydrograph Report

Hyd. No. 7

009_CPP

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.076 cfs
Storm frequency	=	100 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	2,455 cuft
Drainage area	=	0.090 ac	Curve number	=	92
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484



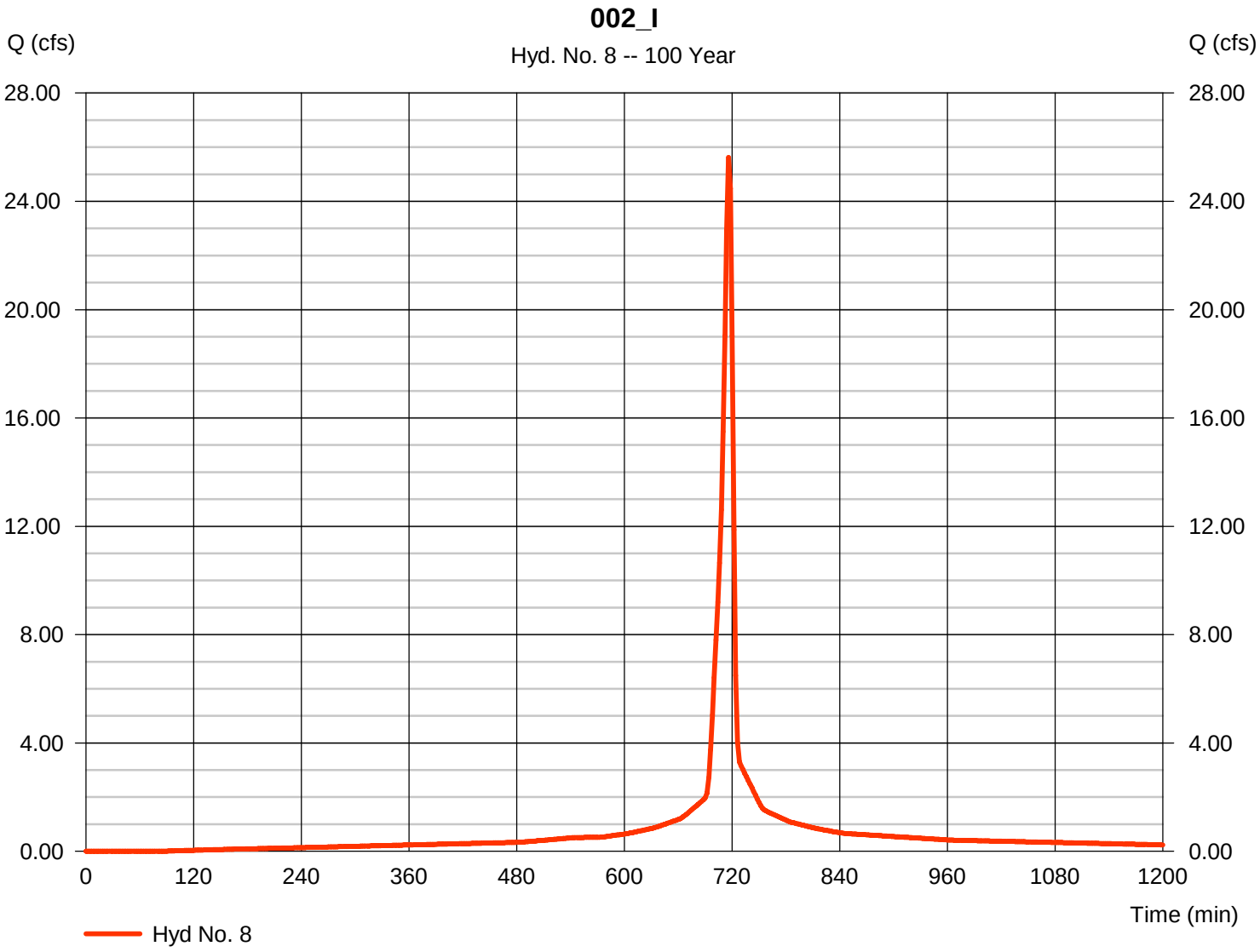
Hydrograph Report

Hyd. No. 8

002_I

Hydrograph type	=	SCS Runoff	Peak discharge	=	25.62 cfs
Storm frequency	=	100 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	59,571 cuft
Drainage area	=	2.120 ac	Curve number	=	94*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	6.00 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.802 x 98) + (0.192 x 71) + (0.125 x 71)] / 2.120



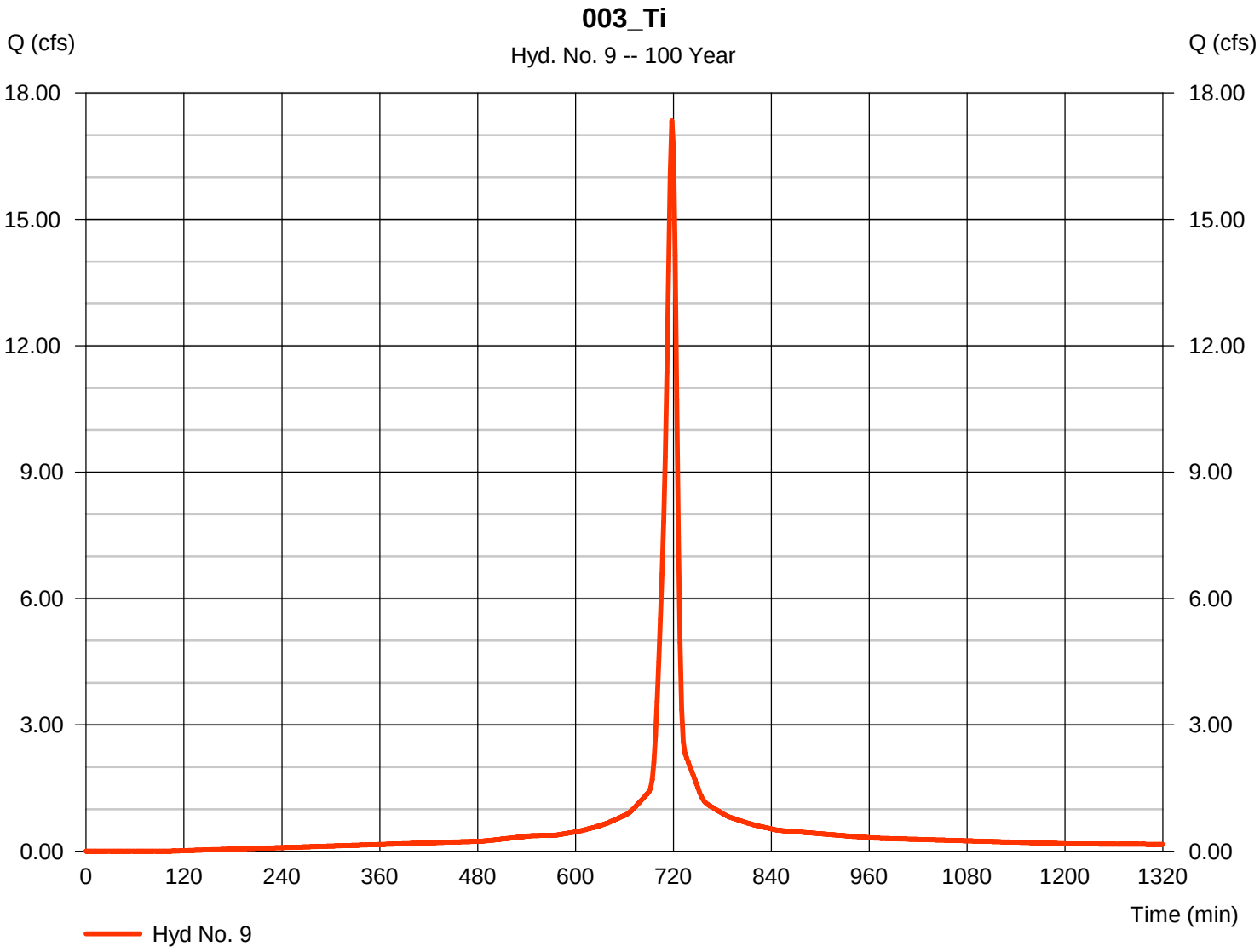
Hydrograph Report

Hyd. No. 9

003_Ti

Hydrograph type	=	SCS Runoff	Peak discharge	=	17.33 cfs
Storm frequency	=	100 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	44,595 cuft
Drainage area	=	1.510 ac	Curve number	=	93*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	9.20 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.228 x 98) + (0.234 x 71) + (0.049 x 71)] / 1.510

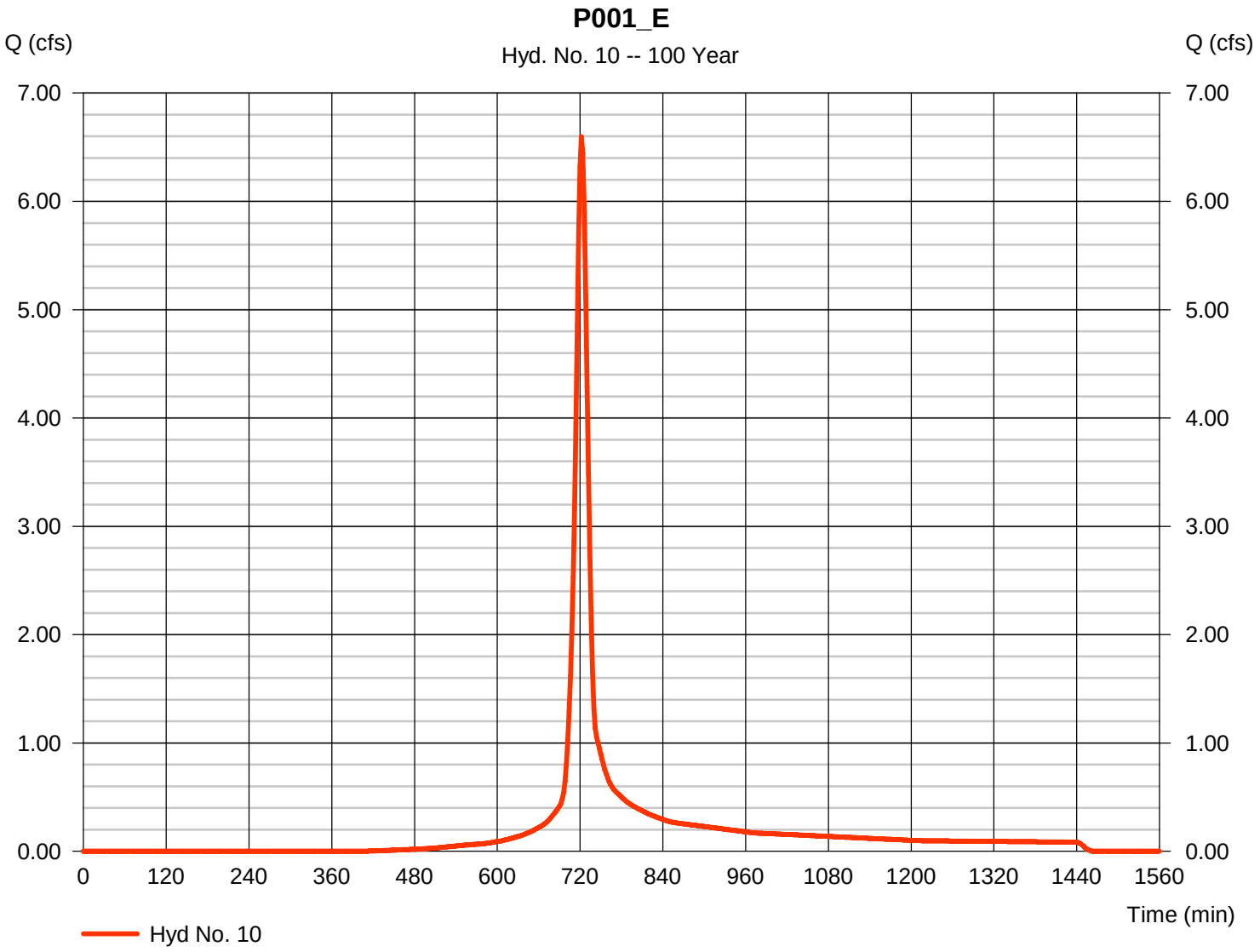


Hydrograph Report

Hyd. No. 10

P001_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	6.596 cfs
Storm frequency	=	100 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	18,544 cuft
Drainage area	=	0.963 ac	Curve number	=	71
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	14.00 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484



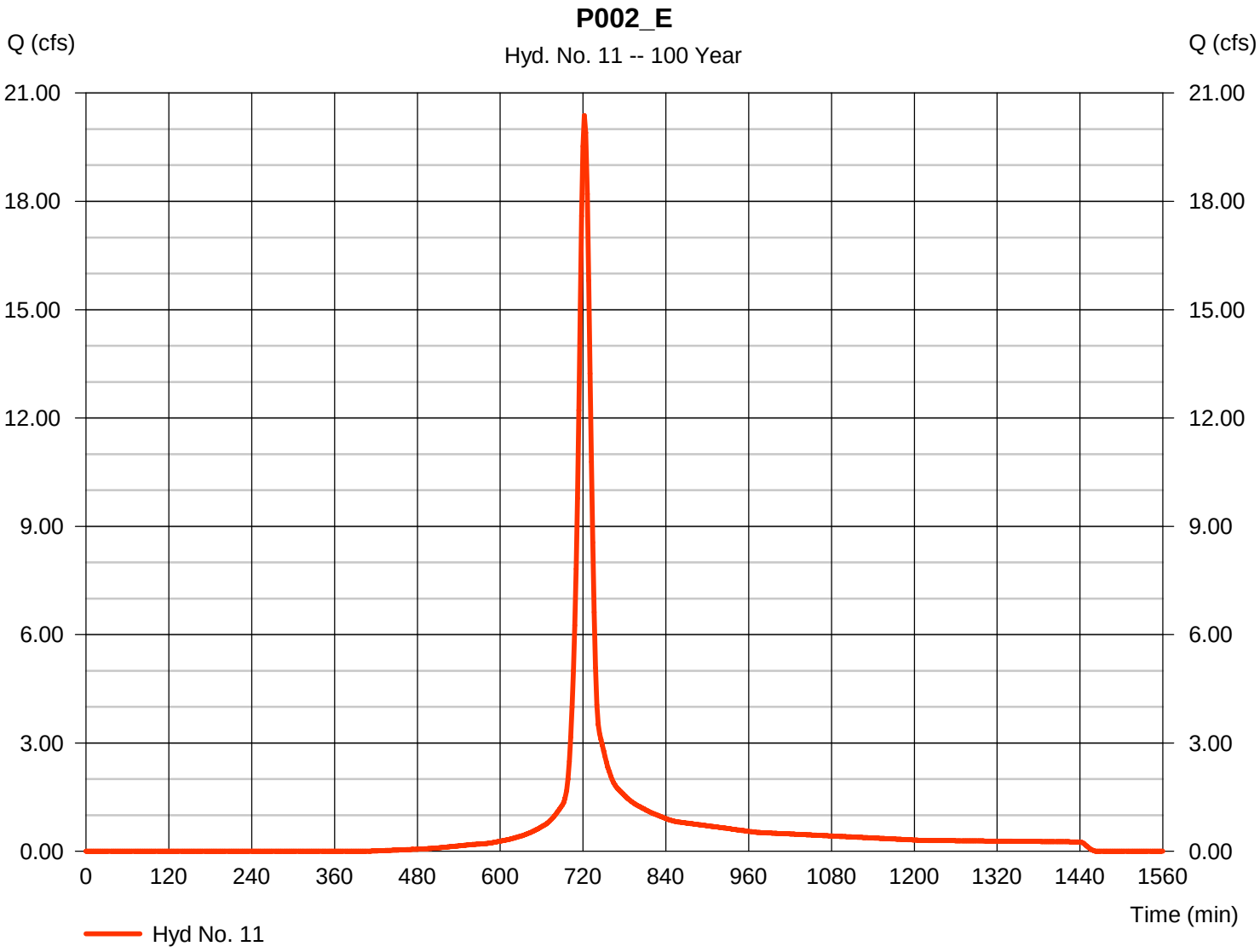
Hydrograph Report

Hyd. No. 11

P002_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	20.38 cfs
Storm frequency	=	100 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	57,287 cuft
Drainage area	=	2.975 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	13.70 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.009 x 98) + (1.040 x 76)] / 2.975



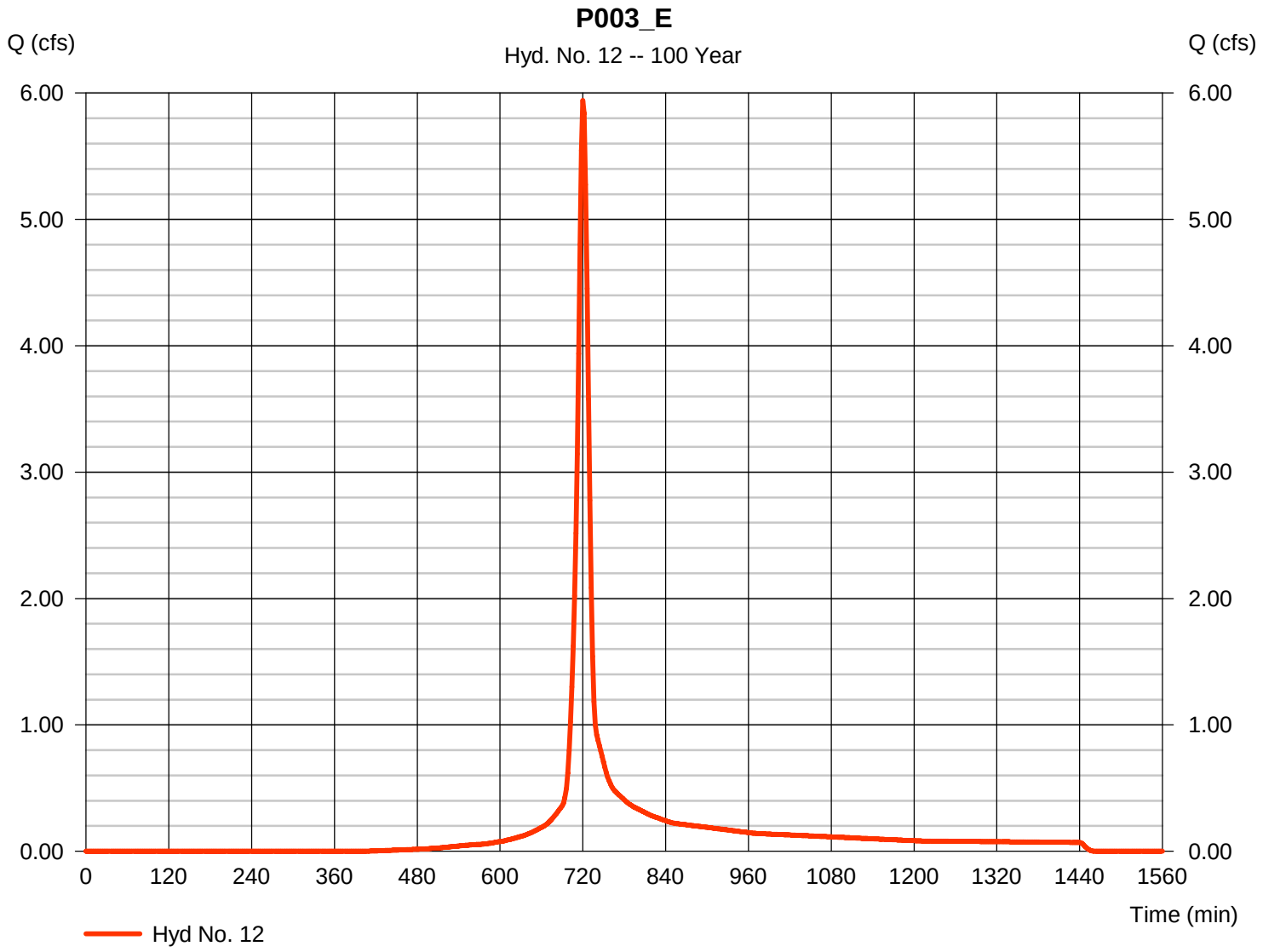
Hydrograph Report

Hyd. No. 12

P003_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	5.941 cfs
Storm frequency	=	100 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	15,459 cuft
Drainage area	=	0.759 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	12.00 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.304 x 98) + (0.073 x 71)] / 0.759



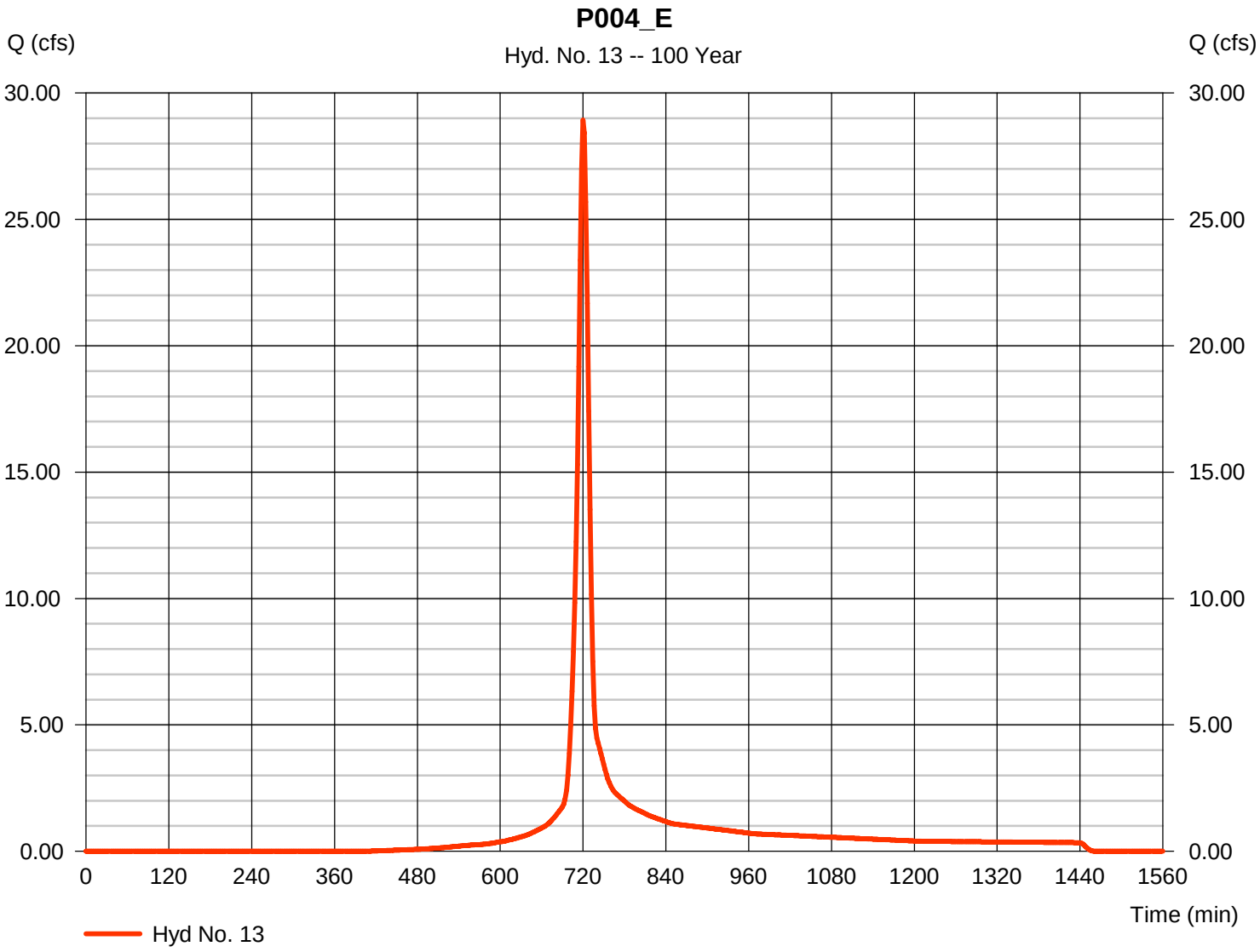
Hydrograph Report

Hyd. No. 13

P004_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	28.92 cfs
Storm frequency	=	100 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	75,256 cuft
Drainage area	=	3.695 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	11.00 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.155 x 98) + (0.109 x 71) + (0.970 x 76)] / 3.695



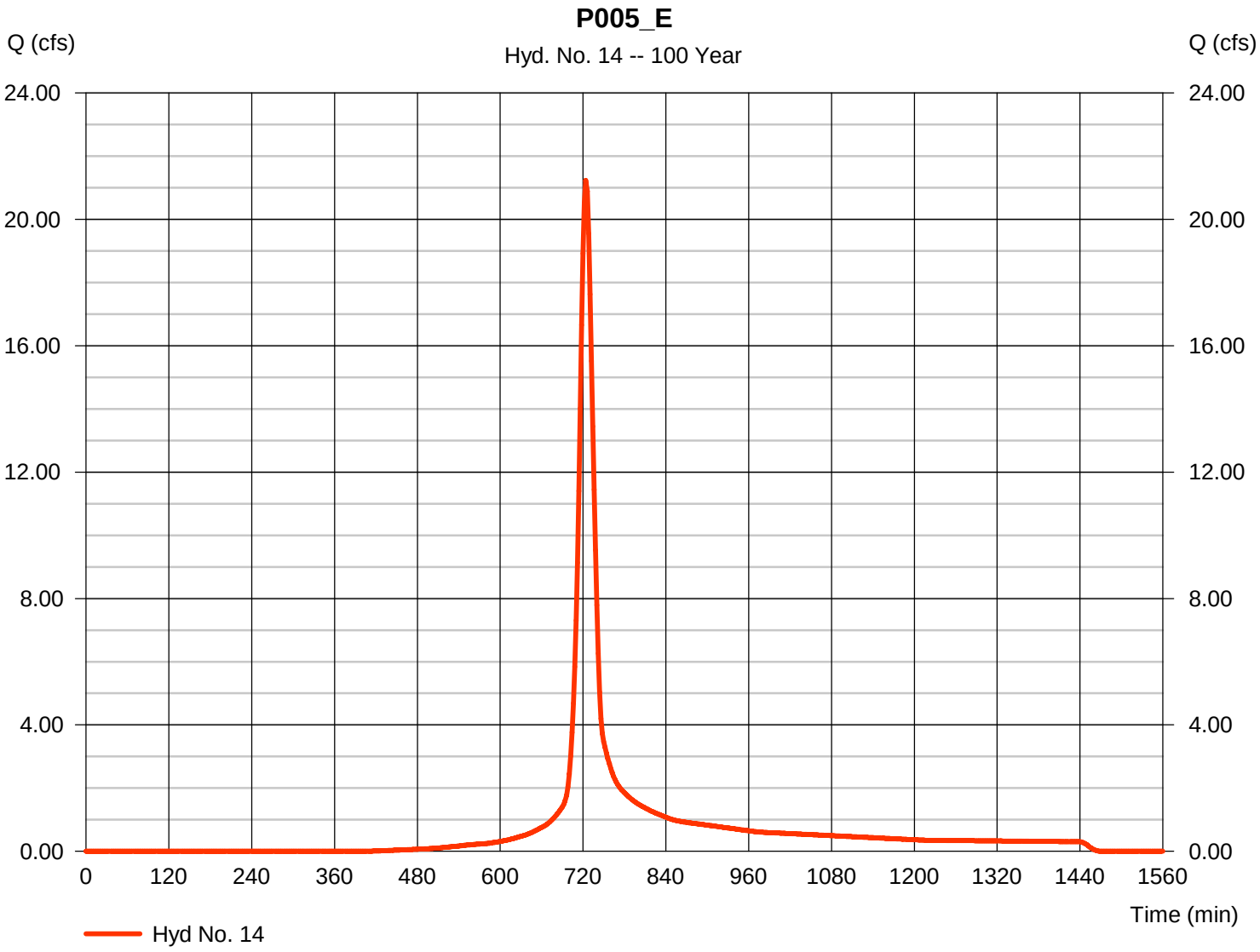
Hydrograph Report

Hyd. No. 14

P005_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	21.24 cfs
Storm frequency	=	100 yrs	Time to peak	=	724 min
Time interval	=	2 min	Hyd. volume	=	66,478 cuft
Drainage area	=	3.366 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	17.50 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.220 x 98) + (0.052 x 71) + (0.081 x 71) + (0.080 x 71)] / 3.366



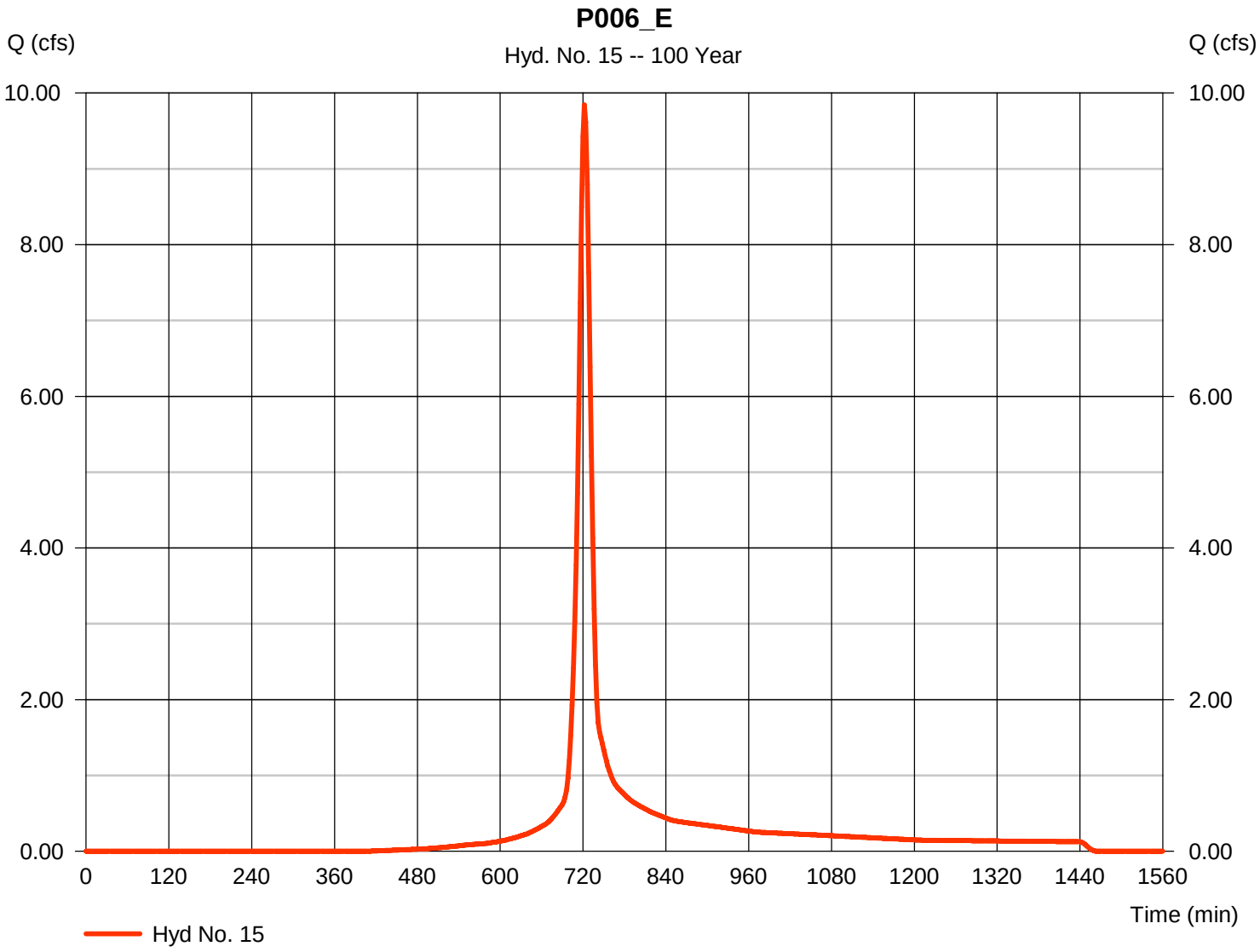
Hydrograph Report

Hyd. No. 15

P006_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	9.842 cfs
Storm frequency	=	100 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	27,671 cuft
Drainage area	=	1.437 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	16.20 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(2.783 x 98) + (0.059 x 71) + (0.144 x 71) + (0.107 x 71)] / 1.437



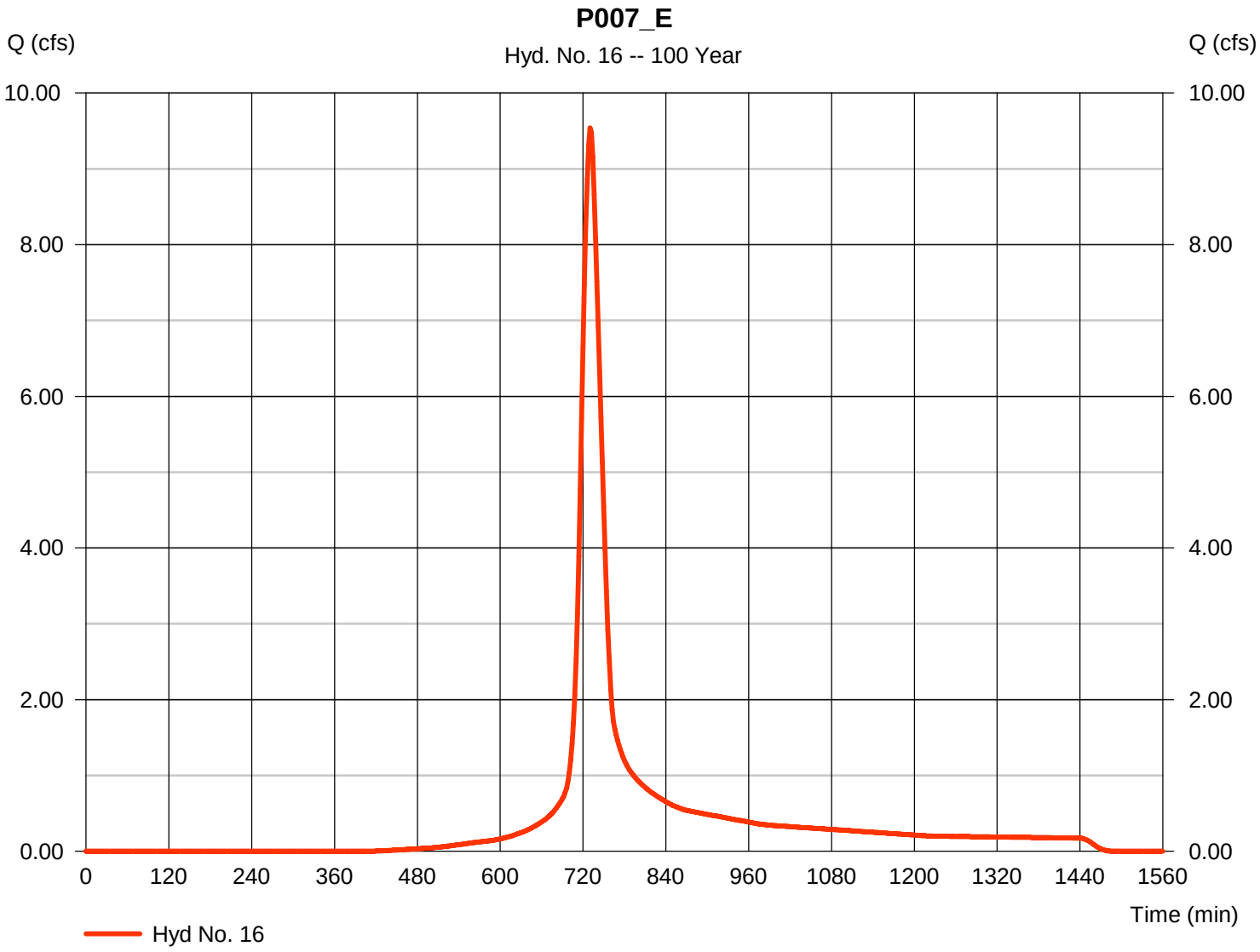
Hydrograph Report

Hyd. No. 16

P007_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	9.539 cfs
Storm frequency	=	100 yrs	Time to peak	=	730 min
Time interval	=	2 min	Hyd. volume	=	38,117 cuft
Drainage area	=	1.930 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	28.30 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.655 x 71) + (0.623 x 98)] / 1.930



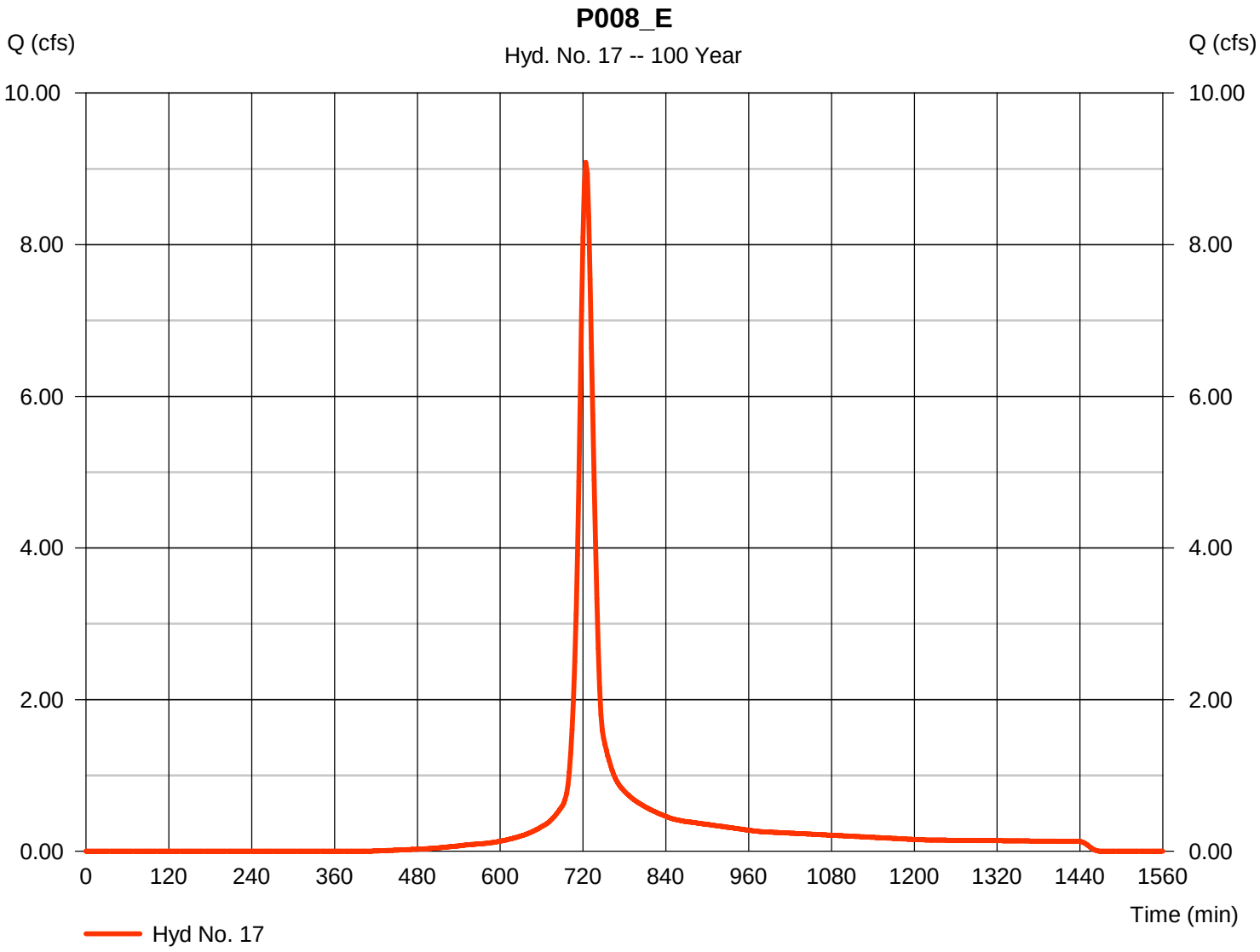
Hydrograph Report

Hyd. No. 17

P008_E

Hydrograph type	=	SCS Runoff	Peak discharge	=	9.085 cfs
Storm frequency	=	100 yrs	Time to peak	=	724 min
Time interval	=	2 min	Hyd. volume	=	28,440 cuft
Drainage area	=	1.440 ac	Curve number	=	71*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	19.00 min
Total precip.	=	8.98 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.736 x 98) + (0.681 x 71)] / 1.440

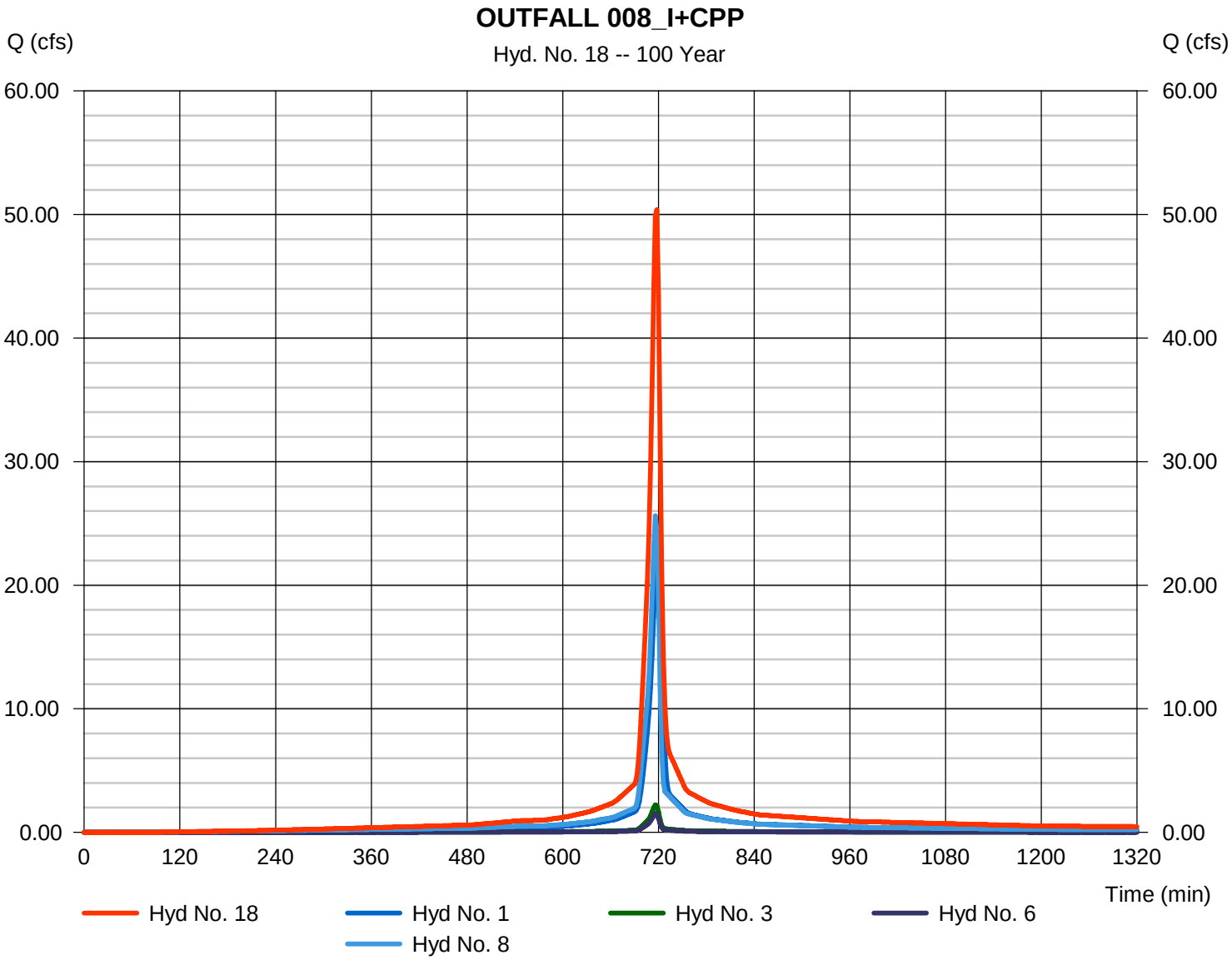


Hydrograph Report

Hyd. No. 18

OUTFALL 008_I+CPP

Hydrograph type	=	Combine	Peak discharge	=	50.36 cfs
Storm frequency	=	100 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	122,578 cuft
Inflow hyds.	=	1, 3, 6, 8	Contrib. drain. area	=	4.493 ac

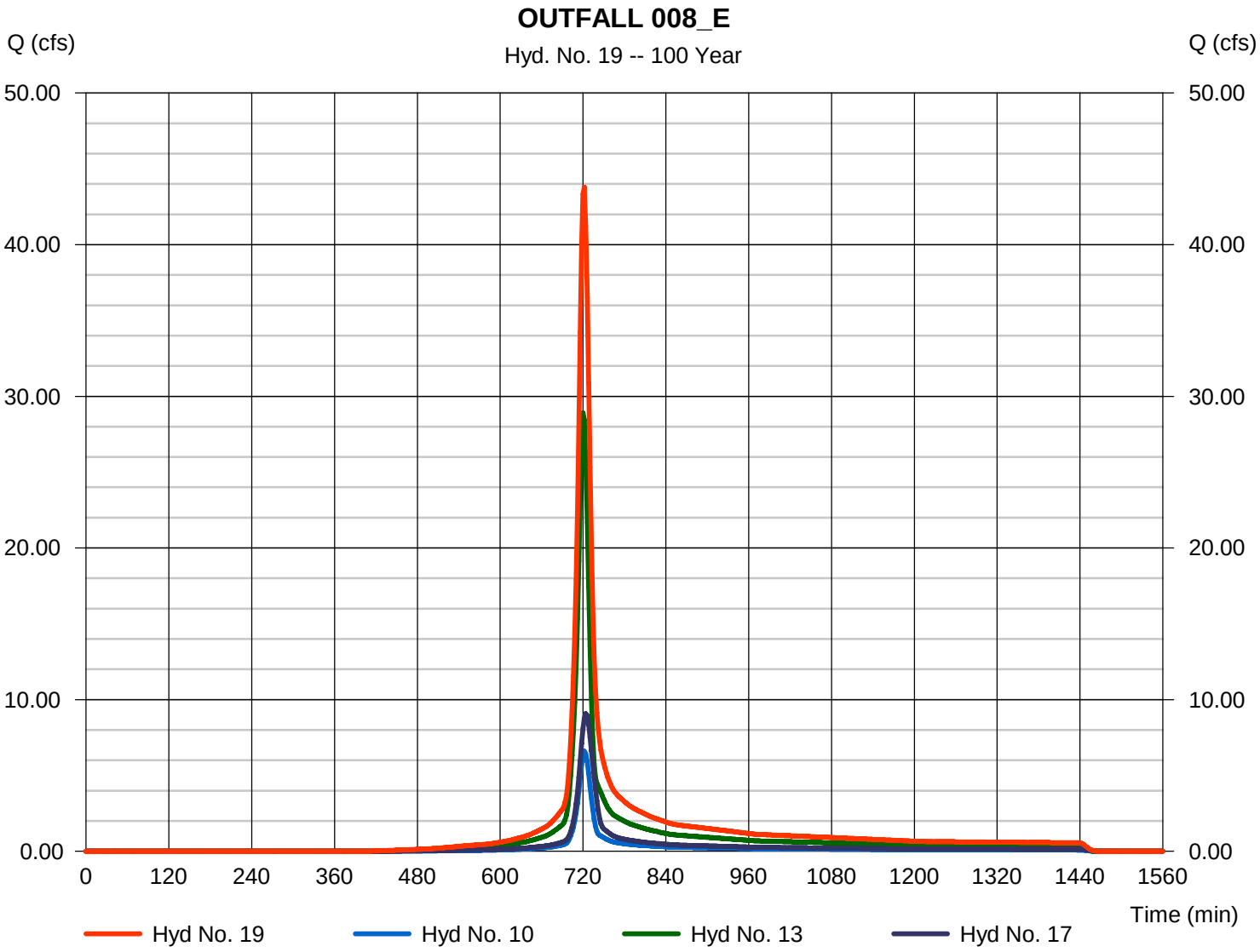


Hydrograph Report

Hyd. No. 19

OUTFALL 008_E

Hydrograph type	= Combine	Peak discharge	= 43.80 cfs
Storm frequency	= 100 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 122,240 cuft
Inflow hyds.	= 10, 13, 17	Contrib. drain. area	= 6.098 ac

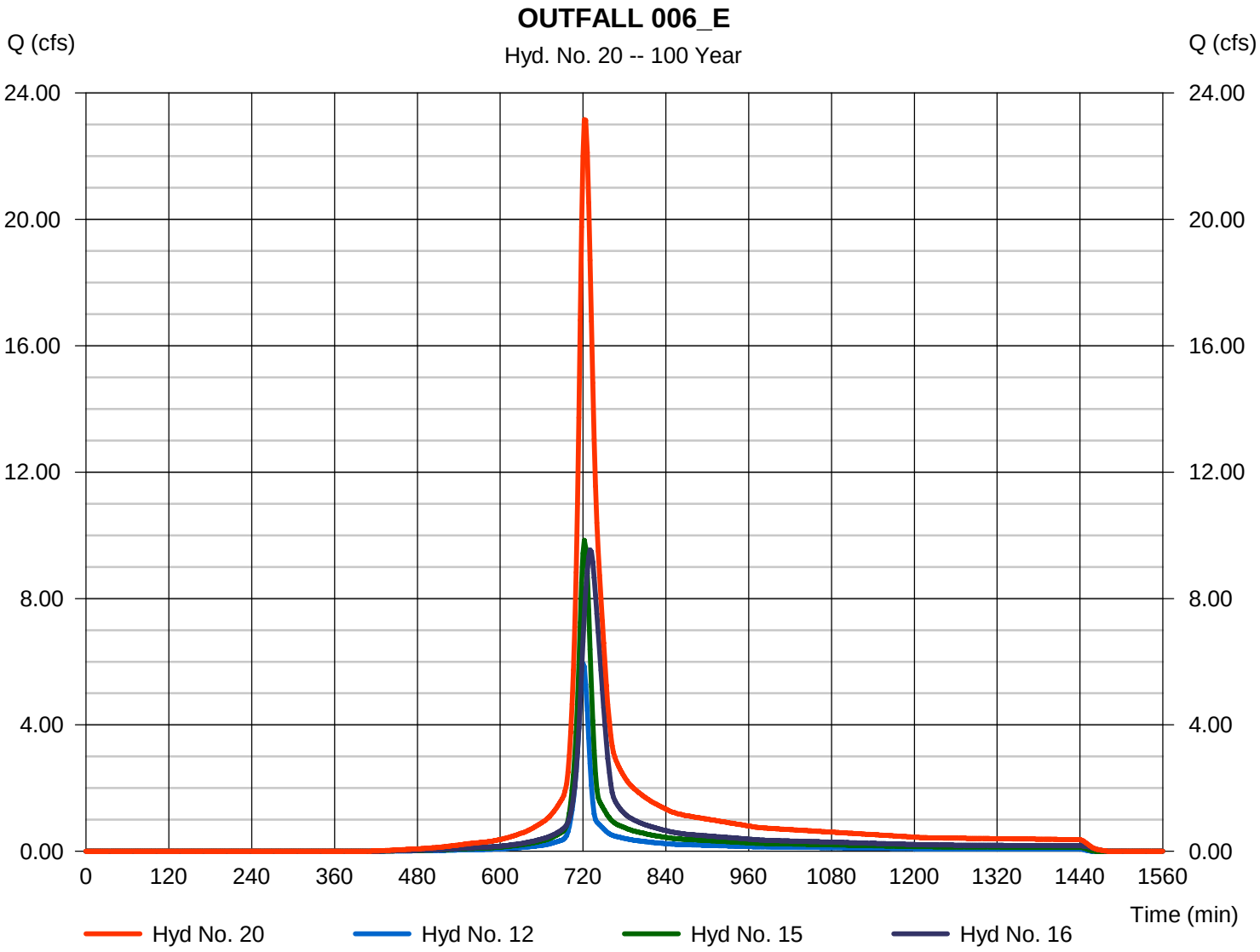


Hydrograph Report

Hyd. No. 20

OUTFALL 006_E

Hydrograph type	= Combine	Peak discharge	= 23.16 cfs
Storm frequency	= 100 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 81,247 cuft
Inflow hyds.	= 12, 15, 16	Contrib. drain. area	= 4.126 ac

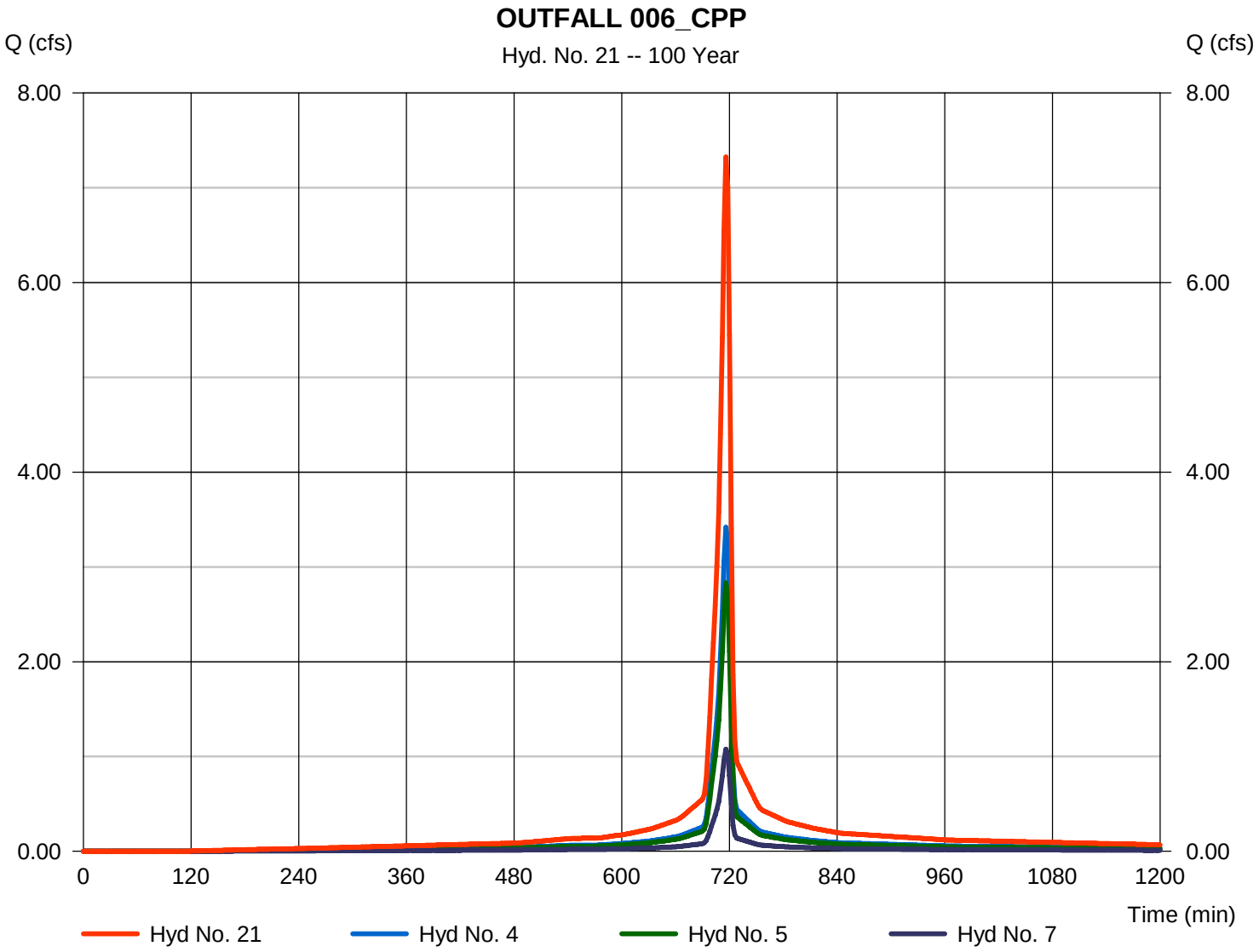


Hydrograph Report

Hyd. No. 21

OUTFALL 006_CPP

Hydrograph type	= Combine	Peak discharge	= 7.327 cfs
Storm frequency	= 100 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 16,720 cuft
Inflow hyds.	= 4, 5, 7	Contrib. drain. area	= 0.613 ac

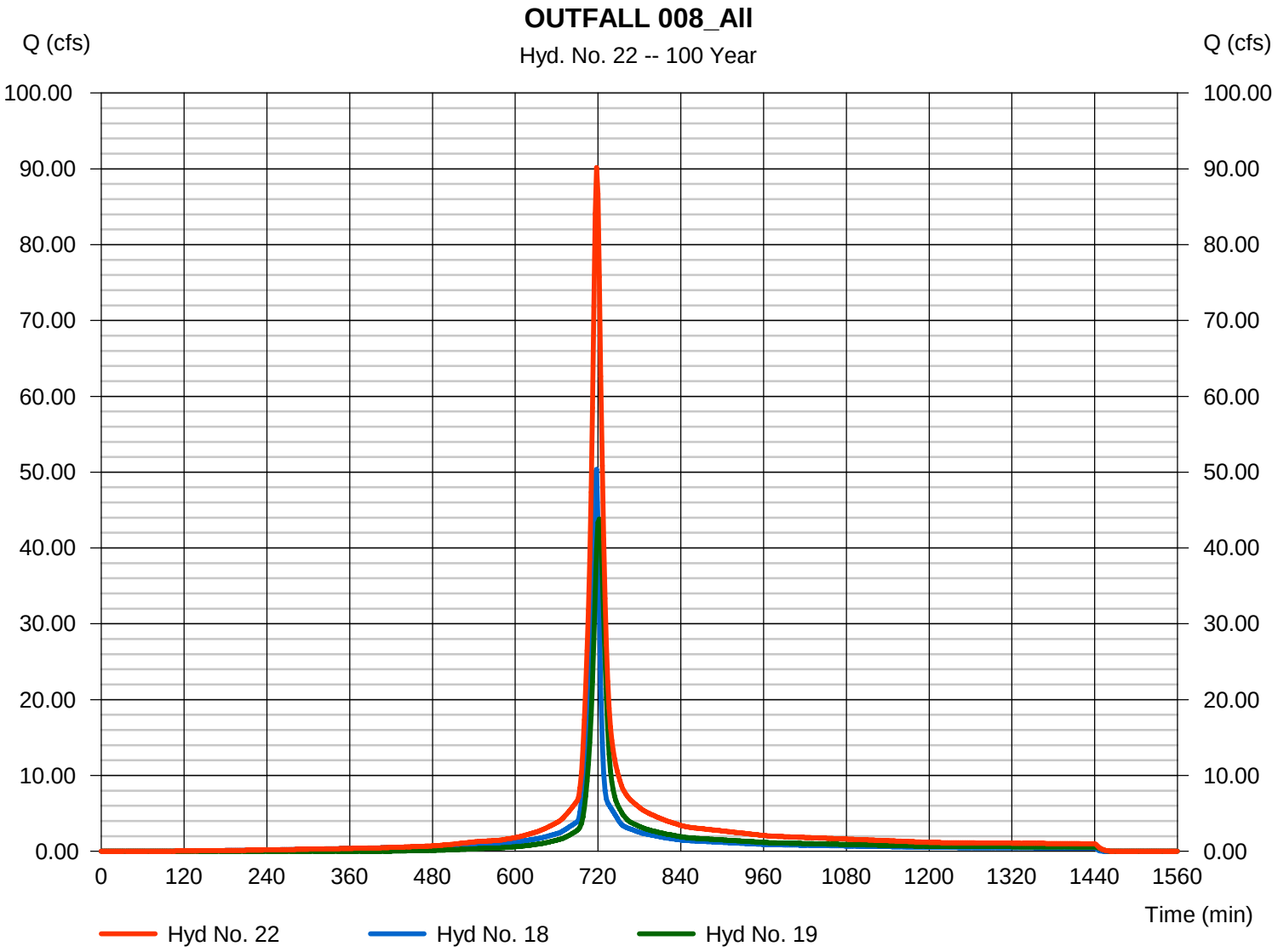


Hydrograph Report

Hyd. No. 22

OUTFALL 008_All

Hydrograph type	=	Combine	Peak discharge	=	90.17 cfs
Storm frequency	=	100 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	244,818 cuft
Inflow hyds.	=	18, 19	Contrib. drain. area	=	0.000 ac

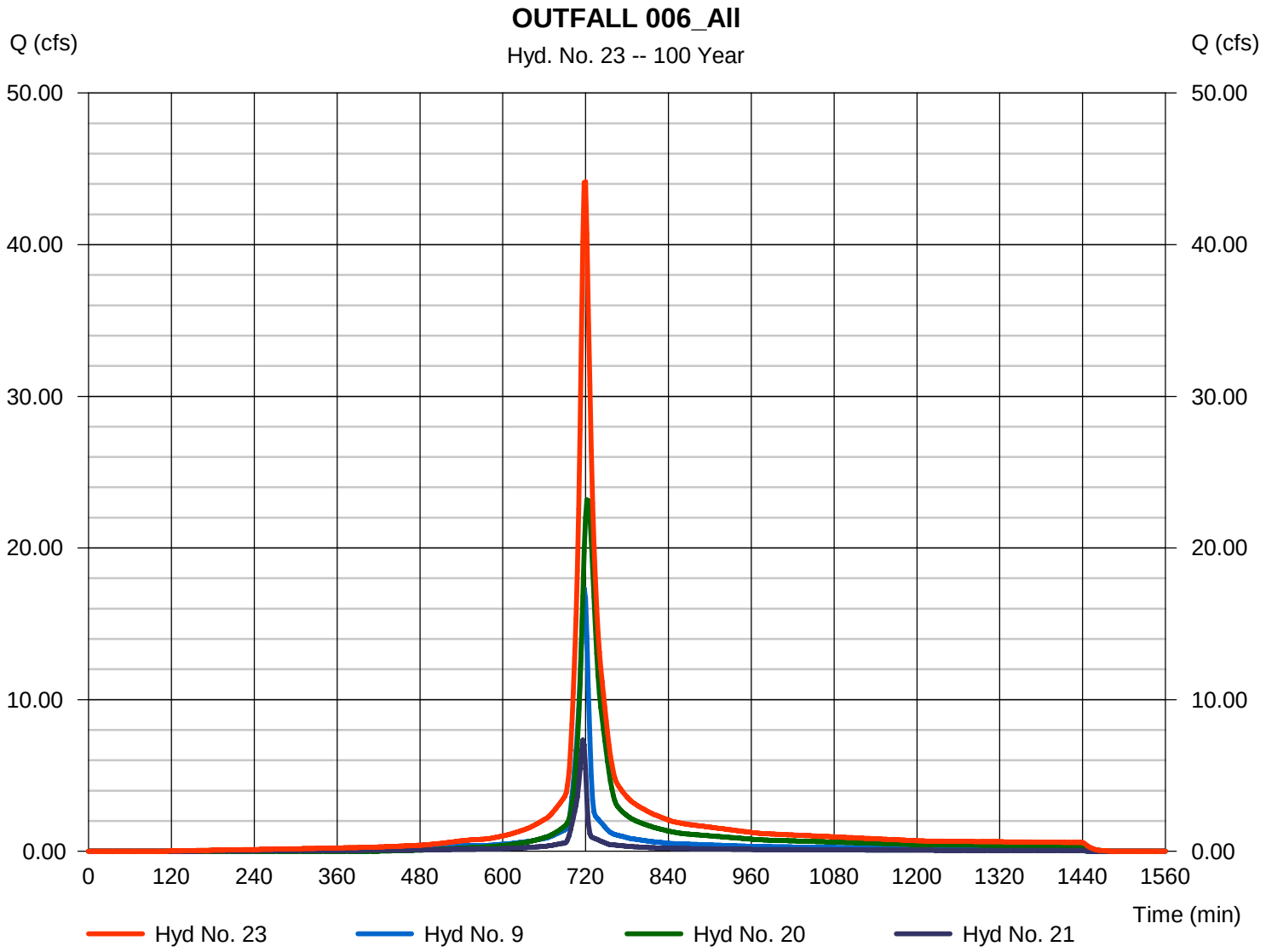


Hydrograph Report

Hyd. No. 23

OUTFALL 006_All

Hydrograph type	= Combine	Peak discharge	= 44.14 cfs
Storm frequency	= 100 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 142,562 cuft
Inflow hyds.	= 9, 20, 21	Contrib. drain. area	= 1.510 ac

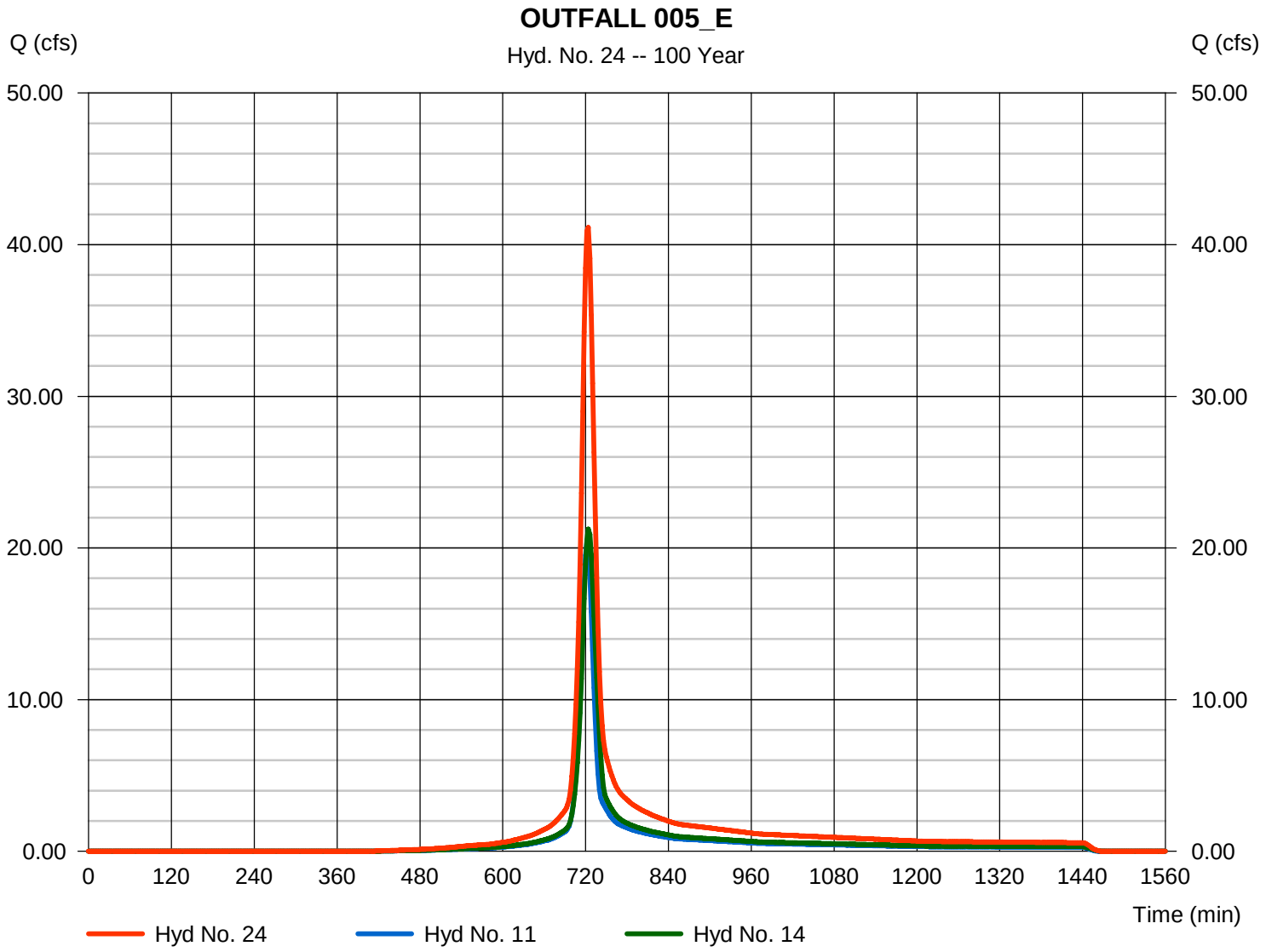


Hydrograph Report

Hyd. No. 24

OUTFALL 005_E

Hydrograph type	= Combine	Peak discharge	= 41.14 cfs
Storm frequency	= 100 yrs	Time to peak	= 724 min
Time interval	= 2 min	Hyd. volume	= 123,765 cuft
Inflow hyds.	= 11, 14	Contrib. drain. area	= 6.341 ac

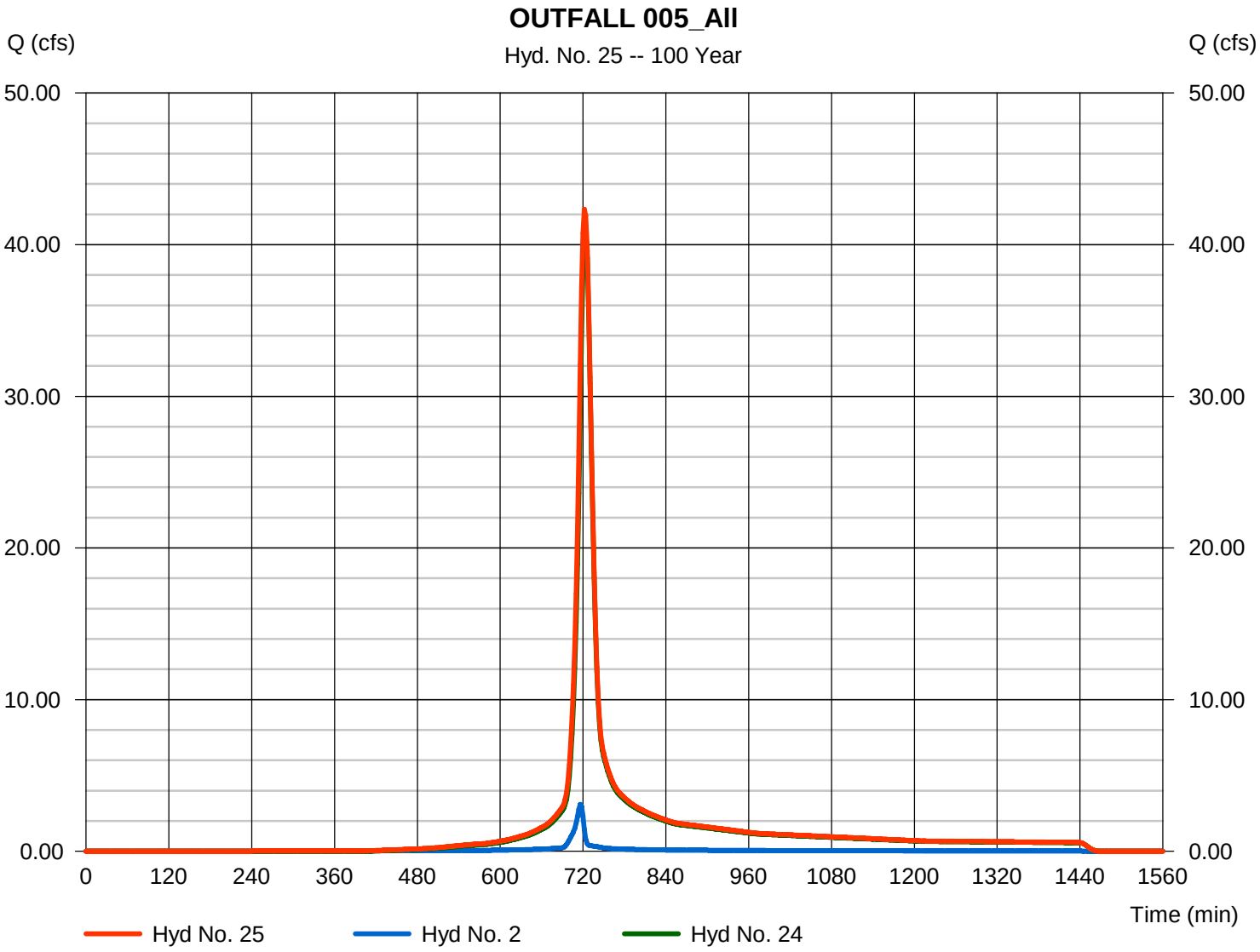


Hydrograph Report

Hyd. No. 25

OUTFALL 005_All

Hydrograph type	= Combine	Peak discharge	= 42.33 cfs
Storm frequency	= 100 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 130,830 cuft
Inflow hyds.	= 2, 24	Contrib. drain. area	= 0.259 ac



APPENDIX K—*IN SITU* STABILIZATION/SOLIDIFICATION TREATABILITY STUDY

TREATABILITY TESTING REPORT

for

ISS Treatability Study, Middle River, MD

Prepared For:

Tetra Tech, Inc.
1093 Commerce Park Drive
Oak Ridge, TN 37830

Prepared By:

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Amine Dahmani, Ph. D.
Senior Project Manager

May 9, 2018

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Figure 2: Soil and groundwater subsamples

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APPENDICES

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Appendix B: Geotesting Express Report

Appendix C: Alpha Lab Reports- Leachability Tests

Appendix D: Atterberg Limits Test Results

1.0 INTRODUCTION

Tetra Tech is evaluating treatment options for PCB- and VOC-contaminated soil at a site in Middle River, Maryland (Site). The PCB contamination is mainly Aroclor 1260, and the VOC contamination is mainly di- and trichlorobenzene compounds. Soil Stabilization (in-n situ Stabilization/Solidification (ISS) has been used to minimize contaminant migration in PCB and VOC-contaminated soil. Soil stabilization or solidification has also been performed ex-situ as warranted at some sites. ISSis the process of encapsulating the PCB- and VOC-contaminated soil to form a solid material in order to restrict contaminant migration by minimizing surface area exposed to leaching. Typical criteria to evaluate the effectiveness of the ISS process are a hydraulic conductivity equal to or less than 10^{-6} centimeters per second using the American Society for Testing and Material (ASTM) test method D 5084, and an Unconfined Compressive Strength (UCS) equal to or greater than 50 pounds per square inch (psi) after 28 days using test method ASTM D1633.

SESI has conducted a treatability study that evaluated ISS at two Site locations. The study was conducted at the GeoEnvironmental laboratory of the Civil and Environmental Engineering Department of the University of Connecticut. Soil samples from the Site were collected by Tetra Tech on 12/05/2017 in 5-gal plastic buckets from four locations (ISS-1, ISS-3, ISS-4 and ISS-5). Two soil buckets (A and B) from each location were provided to SESI. Groundwater from Site well IWE-03 was also provided in twelve 5-gal plastic cubitainers for the leachability study.

Three ISS treatments were evaluated in this study, namely, . Portland Cement (Type I), Portland Cement with Organoclay, and a mixture of Portland Cement/Lime Kiln Dust (LKD) with Organoclay. These treatments can result in significant reductions in PCB and VOC compounds leaching, depending on PCB and VOC concentrations in the soil. Organoclay was used as an additive to adsorb organic contaminants while solidifying the soils, thus minimizing the leaching potential of these contaminants. Although compressive strength (UCS) and hydraulic conductivity are primary criteria, the leachability of the various mixes were evaluated in the treatability study. The selection of the best treatment will be based on the ability of the solidified materials to minimize contaminant leachability. A non-destructive leachability test was used instead of the Toxicity Characteristic Leaching Procedure (TCLP) or Synthetic Precipitation Leaching Procedure (SPLP) to evaluate the mixtures. TheTCLP/SPLP tests destroy the solidified matrix by grinding the samples and do not adequately reflect the ability of the solidified material to prevent leaching of the contaminants. Non-destructive tests such as ANS 16.1 provide a better assessment

of leachability because the solidified sample matrix remains intact. This method evaluates the mass transfer of constituents from the surface of the solidified material over time, which represents the principal chemical exposure pathway anticipated following solidification. An intact sample of treated material is submersed in a bath of site groundwater (i.e., backgound or low contaminant concentrations) for several time increments, with the aqueous phase analyzed for the potential contaminants of concern. Because the contaminants of concern have low water solubility, a modified ANS 16.1 method was used for this study, i.e. a 5-day exposure of the solidified monoliths to clean groundwater followed by testing of the leach solution for the contaminants of concern.

2.0 TREATABILITY TESTING APPROACH

Based on the initial characterization of each homogenized soil bucket tested, Tetra Tech selected two soils for the study. The two soils (ISS#1A and ISS#4B) were treated with Portland Cement, Portland Cement with Organoclay, and Portland Cement/LKD mix (52% PC/48% LKD) with Organoclay. Each of these ISS amendments were examined at three different dosages. The amendments were first mixed with tap water to create the grout material. The grout was then mixed with the soil at the desired dosages to create a pancake batter-like mixture with no free liquids. The mixing was conducted for 2 min in a Kitchen Aid Classic Mixer at 60 rpm in order to minimize VOC volatilization. Subsequently, the mixtures were used to fill a series of 4" long by 2" dia polypropylene cylinder molds. The molds were left to cure in a humid environment in a concrete curing room before testing for the 28-day UCS and hydraulic conductivity. Shipping of the cured molds was timed so that the UCS and permeability tests were conducted at Geotesting Express in Acton, MA at 28 days. The following criteria were used as part of the evaluation process:

- Hydraulic Conductivity (K): The solidified mass needed to exhibit an average hydraulic conductivity equal to or less than 10^{-6} cm/sec with no single sample more than 10^{-5} cm/sec, using the ASTM test method D 5084.
- Unconfined Compressive Strength (UCS): The solidified mass needed to exhibit an average UCS value equal to or greater than 50 pounds per square inch (psi) with no single sample less than 40 psi utilizing test method ASTM D1633 after 28 days.

Based on the UCS and hydraulic conductivity tests (28 days), the modified ANS 16.1 leaching test was performed on test samples that had satisfied both criteria.

2.1 Receipt of Samples

Soil samples from the Site were collected by Tetra Tech on 12/05/2017 in 5-gal plastic buckets from four locations (ISS-1, ISS-3, ISS-4 and ISS-5). Two soil buckets (A and B) from each location were provided to SESI (Figure 1 below). Groundwater from well IWE-03 was also provided in twelve 5-gal plastic cubitainers for the leachability study. The soil and groundwater samples were stored in a walk-in cooler maintained at 4 °C.

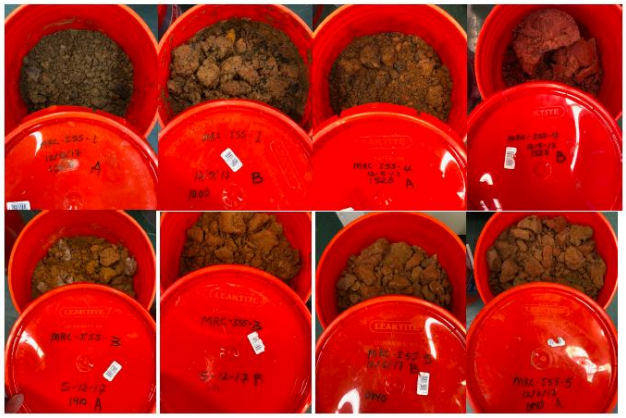

Figure 1: Soil samples received

2.2 Soil Sample Preparation and Baseline Characterization

Homogenization of the soils in each bucket was conducted using 13" long stainless steel soil mixing spoons in a walk-in cooler to reduce volatilization of organic compounds. Following homogenization, representative aliquots of the soils and groundwater were collected for characterization testing (Figure 2).



Figure 2: Soil and groundwater subsamples

The homogenized soil samples were tested for grain size, bulk density, and moisture content. Chemical testing was also conducted on the homogenized soil samples to evaluate contaminant

concentrations. The tests include PCBs, PAHs, VOCs, pH, 13 Priority Pollutant Metals(PP130 (i.e., Ag, As, Sb, Be, Cd, Cr, Cu, Pb, Hg, Ni, Se, TI, Zn) as well as Mo, Co, Va and Ba. Two soils, ISS#1A and ISS#4B, were tested for Atterberg Limits.

The amendments (Type I Portland Cement from LafargeHolcim, CETCO Nanocor SS199 Organoclay, CKD and LKD from Mintek Resources) were also tested for PP13 and Mo, Co, Va and Ba to assess potential contaminants that may be introduced in the solidified material due to either amendment. Although CKD was tested at this stage, LKD was selected for further testing and the CKD evaluation was discontinued.

The groundwater that was used for the Modified ANS 16.1 test was characterized for pH, PCBs, VOCs and PP13 and Mo, Co, Va and Ba to ensure the groundwater could be used for the leaching tests.

The soil and groundwater samples were sent for analysis to Alpha Laboratories in Mansfield, MA under chain of custody. The Atterberg Limits tests were conducted at Terrasense in Totowa, NJ.

2.3 ISS Tests

The following ISS tests were performed:

Task 1: Portland Cement Treatment

The two soils (ISS#1A and ISS#4B) were treated with Portland Cement at three dosages (5%, 10% and 13% by soil dry weight). Experimental conditions are presented in Table 1 for each dosage. The amendments were first mixed with tap water to create the grout material. The grout was then mixed with the soil at the desired dosages to create a pancake batter-like mixture with no free liquids. In order to ensure reproducibility of the ISS tests, particles larger than 0.5 inch in diameter were removed from the soil before mixing.

In order to minimize VOC losses, the mixing was minimized (conducted for 2 min in a Kitchen Aid Classic Mixer at 60 rpm). Subsequently, the mixtures were used to fill a series of 4” long by 2” dia polypropylene cylinder molds (Figure 3). Six molds were set up for each dosage (3 molds for UCS, Permeability and leaching tests and 3 molds as duplicates (-D molds)). The molds were left to cure in a humid concrete curing room before testing for the 28-day UCS and hydraulic conductivity. Shipping of the cured molds was timed so that the UCS and permeability tests were conducted at Geotesting Express at 28 days. Samples that passed the UCS criterion of 50 psi were

further tested for permeability. Samples that passed both the UCS and permeability criteria were tested for leachability.

Soil sample	Soil mass, wet weight, g	Soil mass, dry weight, g	Portland Cement added, g	Total Water added, cc	# of molds
1A-5%	2250	1937	97	232	6
1A-10%	2250	1937	194	294	6
1A-13%	2250	1937	252	362	6
4B-5%	2250	1890	94.5	576	6
4B-10%	1800	1512	151.2	536.4	6
4B-13%	1800	1512	196.6	536.4	6

Table 1: Experimental Conditions (PC tests)



Figure 3: Treated soil mixing; Molds

Task 2: Preliminary Portland Cement (PC/LKD/Organoclay(OC) Test

A preliminary test to evaluate the Portland Cement/Lime Kiln Dust/Organoclay treatment was conducted on soil ISS#1A at the highest dosage (13% PC/LKD by soil dry weight). A mixture containing 52% PC and 48% LKD was prepared. Subsequently, 2% Organoclay (OC) by dry soil weight was added to the PC/LKD mixture (Table 2). The amendments were first mixed with tap water to create the grout material. The grout was then mixed with the soil at the desired dosage (13% PC/LKD and 2% Organoclay) to create a pancake batter-like mixture with no free liquids. The mixing was conducted for 2 min in a Kitchen Aid Classic Mixer at 60 rpm. Subsequently, the mixture was used to fill a 4" long by 2" dia polypropylene cylinder mold. The mold was left to cure in a humid concrete curing room for 9 days before testing the sample for UCS) in the Soil Physics Laboratory of the University of Connecticut Civil Engineering department.

Soil sample	Soil mass, wet weight, g	Soil mass, dry weight, g	Portland Cement, g	LKD , g	Organo clay, g	Total Water, cc
1A-13%PC/LKD/OC	200	172.2	11.6	10.8	3.45	32.4

Table 2: Experimental Conditions (preliminary test)

The results indicated a UCS of 56.4 psi after 9 days of curing, which is higher than the 28-day, 50 psi threshold (note that UCS would be higher if curing was conducted for 28 days). Therefore, the PC/LKD treatment provided sufficient soil strength to warrant further investigation.

Task 3: Portland Cement/Organoclay Treatment

The two soils (ISS#1A and ISS#4B) were treated with Portland Cement at three dosages (5%, 10% and 13% by soil dry weight) and 2% Nanocor SS199 Organoclay. Experimental conditions are presented in Table 3 for each dosage. The amendments were first mixed with tap water to create the grout material. The grout was then mixed with the soil at the desired dosages to create a pancake batter-like mixture with no free liquids. In order to ensure reproducibility of the ISS tests, particles larger than 0.5 inch in diameter were removed from the soil before mixing.

The mixing was conducted for 2 min in a Kitchen Aid Classic Mixer at 60 rpm. Subsequently, the mixtures were used to fill a series of 4" long by 2" dia polypropylene cylinder molds. Six molds were set up for each dosage (3 molds for UCS, Permeability and leaching tests and 3 molds as duplicates (-D molds)). The molds were left to cure in a humid concrete curing room before testing for the 28-day UCS and hydraulic conductivity. Shipping of the cured molds was timed so that the UCS and permeability tests were conducted at Geotesting Express at 28 days. Samples that passed the UCS criterion of 50 psi were further tested for permeability. Samples that passed both the UCS and permeability criteria were tested for leachability.

Soil sample	Soil mass, wet weight, g	Soil mass, dry weight, g	Portland Cement, g	Organoclay, g	Total Water added, cc	# of molds
1A-5%-OC	2250	1937	97	45	233	6
1A-10%-OC	2250	1937	194	45	294	6
1A-13%-OC	2250	1937	252	45	332	6
4B-5%-OC	1800	1512	75.6	30	536.4	6
4B-10%-OC	1800	1512	151.2	30	536.4	6
4B-13%-OC	1800	1512	196.6	30	536.4	6

Table 3: Experimental Conditions (PC/OC tests)

Task 4: Portland Cement/LKD/Organoclay Treatment

The two soils (ISS#1A and ISS#4B) were treated with Portland Cement/Lime Kiln Dust/Organoclay at three PC/LKD dosages (5%, 10% and 13% by soil dry weight) and 2% Nanocor SS199 Organoclay. First, a mixture containing 52% PC and 48% LKD was prepared. Then, 2% Organoclay (OC) by dry soil weight was added to the PC/LKD mixture. The amendments were mixed with tap water to create the grout material. The grout was then mixed with the soil at the desired dosage (e.g., 13% PC/LKD and 2% Organoclay) to create a pancake batter-like mixture with no free liquids. Experimental conditions are presented in Table 4 for each dosage. In order to ensure reproducibility of the ISS tests, particles larger than 0.5 inch in diameter were removed from the soil before mixing. The mixing was conducted for 2 min in a Kitchen Aid Classic Mixer at 60 rpm. Subsequently, the mixtures were used to fill a series of 4" long by 2" dia polypropylene cylinder molds. Six molds were set up for each dosage (3 molds for UCS, Permeability and leaching tests and 3 molds as duplicates (-D molds)). The molds were left to cure in a humid concrete curing room before testing for the 28-day UCS and hydraulic conductivity. Shipping of the cured molds was timed so that the UCS and permeability tests were conducted at Geotesting Express at 28 days. Samples that passed the UCS criterion of 50 psi were further tested for permeability. Samples that passed both the UCS and permeability criteria were tested for leachability.

Soil sample	Soil mass, wet weight, g	Soil mass, dry weight, g	PC/LKD *, g	Organoclay, g	Total Water added, cc	# of molds
1A-5% PC/LKD-OC	2250	1937	97	45	236	6
1A-10% PC/LKD-OC	2250	1937	194	45	294	6
1A-13% PC/LKD-OC	2250	1937	252	45	297	6
4B-5% PC/LKD-OC	1800	1512	75.6	30	536.4	6
4B-10% PC/LKD-OC	1800	1512	151.2	30	536.4	6
4B-13% PC/LKD-OC	1800	1512	196.8	30	536.4	6

*PC/LKD mix is 52% PC and 48% LKD by weight

Table 4: Experimental Conditions (PC/LKD/OC tests)

Task 5: Leachability Tests

Samples that passed the UCS criterion of > 50 psi and a hydraulic conductivity equal to or less than 10^{-6} cm/sec permeability were tested for leachability. A modified ANS 16.1 leaching test was performed. First, the surface area of an intact treated sample from a mold was measured. This was necessary in order to determine the volume of groundwater to place in contact with the soil sample. The ANS 16.1 Method stipulates a 10:1 water volume to sample surface area ratio. The soil sample from the mold was submersed in site groundwater in a 2-liter glass beaker while minimizing soil contact surface area with the glass (Figure 4). The beakers were covered with aluminum foil during the 5-day contact period. At the end the 5-day test, the aqueous phase was sub-sampled and analyzed for the contaminants of concern (VOCs, PCBs, metals).



Figure 4: Leaching test setup

3.0 RESULTS AND DISCUSSION

Results of the characterization and ISS tests are discussed in the following sections.

3.1 Baseline Characterization Results

The homogenized soil samples were tested for Grain Size, Bulk Density, and moisture content, PCBs, PAHs, VOCs, pH, Priority Pollutant Metals 13 (PP13 metals, i.e. Ag, As, Sb, Be, Cd, Cr, Cu, Pb, Hg, Ni, Se, TI, Zn) and Mo, Co, Va and Ba. Two soils, ISS#1A and ISS#4B were later tested for Atterberg limits. The analytical data reports are presented in Appendix A (Alpha Lab Reports- Initial Characterization). Table 5 presents a summary of the testing results. Based on the results, Tetra Tech selected two soils ISS#1A and ISS#4B for the ISS study. The Aroclor 1260 PCB concentrations were 5.56 g/kg for soil ISS#1A and 0.284 g/kg for soil ISS#4B. The total VOC concentrations were 2,255 mg/kg for soil ISS#1A and 431 mg/kg for soil ISS#4B. Note that

soil ISS#1A has a % fines of 15.6% (sandy soil) and soil ISS#4B has a % fines of 83.8% (clayey/silty soil).

Atterberg Limits test results of soils ISS#1A and ISS#4B are presented in Appendix D.

LOCATION			ISS#1A		ISS#1B		ISS#3A		ISS#3B		ISS#4A		ISS#4B		ISS#5A		ISS#5B	
SAMPLING DATE			12/13/2017		12/13/2017		12/13/2017		12/13/2017		12/13/2017		12/13/2017		12/13/2017		12/13/2017	
LAB SAMPLE ID			L1746224-01		L1746224-02		L1746224-03		L1746224-04		L1746224-05		L1746224-06		L1746224-07		L1746224-08	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																		
	CasNum	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Density of Soil																		
Bulk Density	NONE	lbs/ft3	116.9		128.9		104.1		115.5		116.8		93.6		96.37		92.3	
Moisture Content	NONE	%	15.8		21.5		20.9		16		21.4		24.6		16.8		16.2	
Dry Density	NONE	lbs/ft3	101		106.1		86.09		99.56		69.2		75.1		82.52		79.45	
General Chemistry																		
Solids, Total	NONE	%	86.1		83.6		85.2		85.9		87.2		84.1		84.8		86	
pH (H)	12408-02-5	SU	7.4		6.7		6		6.3		5.8		5.4		5.4		5.4	
Moisture	NONE	%	13.9		16.4		14.8		14.1		12.8		15.9		15.2		14	
Grain Size Analysis																		
% Fine Gravel	NONE	%	3.8		5		0.1	U	1.6		4.2		0.8		2.7		2	
% Total Gravel	NONE	%	3.8		5		0.1	U	1.6		4.2		0.8		2.7		2	
% Coarse Sand	NONE	%	3.8		9.3		0.2		5.7		6.5		1.7		7.6		4.3	
% Medium Sand	NONE	%	31.2		12.7		2.3		19.5		19.1		5.8		8.5		10.2	
% Fine Sand	NONE	%	45.6		40.4		36.1		51.9		45.7		7.9		36.8		30.3	
% Total Sand	NONE	%	80.6		62.4		38.6		77.1		71.3		15.4		52.9		44.8	
% Total Fines	NONE	%	15.6		32.6		61.4		21.3		24.5		83.8		44.4		53.2	
PAHs by GC/MS-SIM																		
Acenaphthene	83-32-9	ug/kg	5100		160	U	38	U	610	U	2900		23		150	U	38	U
Fluoranthene	206-44-0	ug/kg	18000		140	J	38	U	610	U	9300		250		150	U	38	U
Naphthalene	91-20-3	ug/kg	8000		170		38	U	610	U	2500		22		150	U	38	U
Benzo(a)anthracene	56-55-3	ug/kg	6400		58	J	38	U	610	U	3400		76		150	U	38	U
Benzo(a)pyrene	50-32-8	ug/kg	6100		36	J	38	U	610	U	2900		60		150	U	38	U
Benzo(b)fluoranthene	205-99-2	ug/kg	7600		59	J	38	U	610	U	3700		75		150	U	38	U
Benzo(k)fluoranthene	207-08-9	ug/kg	2900		37	J	7.1	J	100	J	1400		29		18	J	3.4	J
Chrysene	218-01-9	ug/kg	6200		52	J	38	U	610	U	3300		74		150	U	38	U
Acenaphthylene	208-96-8	ug/kg	620		160	U	38	U	610	U	96	J	1.3	J	150	U	38	U
Anthracene	120-12-7	ug/kg	6100		14	J	38	U	610	U	2600		34		150	U	38	U
Benzo(ghi)perylene	191-24-2	ug/kg	3200		19	J	38	U	610	U	1500		27		150	U	38	U
Fluorene	86-73-7	ug/kg	2500		160	U	38	U	610	U	1400		26		150	U	38	U
Phenanthrene	85-01-8	ug/kg	18000		110	J	5.8	J	610	U	9700		220		150	U	38	U
Dibenzo(a,h)anthracene	53-70-3	ug/kg	1100		160	U	38	U	610	U	430		8.6		150	U	38	U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	4300		21	J	38	U	610	U	1800		36		150	U	38	U
Pyrene	129-00-0	ug/kg	15000		110	J	38	U	610	U	7400		230		150	U	38	U
1-Methylnaphthalene	90-12-0	ug/kg	860		160	U	38	U	610	U	340	J	2.3	J	150	U	38	U
2-Methylnaphthalene	91-57-6	ug/kg	1700		160	U	38	U	610	U	680		4.8	J	150	U	38	U
PCB by GC																		
Aroclor 1260	11096-82-5	ug/kg	5560000		1930000		93700		1710000		5140000		284000		103000		101000	
PCBs, Total	1336-36-3	ug/kg	5560000		1930000		93700		1710000		5140000		284000		103000		101000	
Total Metals																		
Antimony, Total	7440-36-0	ug/kg	2290	U	2360	U	2250	U	2280	U	2220	U	2290	U	2290	U	2300	U
Arsenic, Total	7440-38-2	ug/kg	1630		2240		3520		2970		977		1340		458	U	460	U
Barium, Total	7440-39-3	ug/kg	18800		8250		7040		5150		24200		7460		5000		6600	
Beryllium, Total	7440-41-7	ug/kg	4500		1900		1240		1500		1580		2640		2500		3910	
Cadmium, Total	7440-43-9	ug/kg	457	U	472	U	450	U	456	U	444	U	458	U	458	U	460	U
Chromium, Total	7440-47-3	ug/kg	8510		15400		15500		9970		5880		17200		10200		11400	
Cobalt, Total	7440-48-4	ug/kg	23100		24100		4500		6980		50000		6180		9660		6480	
Copper, Total	7440-50-8	ug/kg	31000		17200		26800		10600		15000		14000		9600		13000	
Lead, Total	7439-92-1	ug/kg	5150		6690		5360		4440		3070		8470		5380		5350	
Mercury, Total	7439-97-6	ug/kg	70	U	80	U	80	U	70	U	70	U	80	U	80	U	80	U
Molybdenum, Total	7439-98-7	ug/kg	242	J	132	J	108	J	187	J	2220	U	96	J	2290	U	2300	U
Nickel, Total	7440-02-0	ug/kg	22800		15100		14000		10100		15700		19300		19200		14900	
Selenium, Total	7782-49-2	ug/kg	914	U	943	U	117	J	912	U	888	U	917	U	916	U	919	U
Silver, Total	7440-22-4	ug/kg	457	U	472	U	450	U	456	U	444	U	458	U	458	U	460	U
Thallium, Total	7440-28-0	ug/kg	914	U	943	U	899	U	912	U	888	U	917	U	916	U	919	U
Vanadium, Total	7440-62-2	ug/kg	19500		24100		31300		17100		8600		22100		15000		14400	
Zinc, Total	7440-66-6	ug/kg	94800		28800		31300		23000		39100		26300		55500		49500	
Volatile Organics by EPA 5035 High																		
1,2-Dichlorobenzene	95-50-1	ug/kg	28000		3900		160	J	4900	J	21000	J	2100	J	5000	J	280	J
1,4-Dichlorobenzene	106-46-7	ug/kg	31000		5000		210	J	7000	J	27000	J	2300	J	5500	J	300	J
Naphthalene	91-20-3	ug/kg	6300	J	270	J	730	U	30000	U	2400	J	630	J	16000	U	1600	U
1,2,3-Trichlorobenzene	87-61-6	ug/kg	490000		95000		7400		120000		400000		76000		140000		8600	
1,2,4-Trichlorobenzene	120-82-1	ug/kg	1700000		600000	E	32000		590000		2000000		350000		680000		35000	

Table 5: Soil Characterization Results Summary

The amendments (Type I Portland Cement from LafargeHolcim, CETCO Nanocor SS199 Organoclay, CKD and LKD from Mintek Resources) were also tested for PP13, as well asCo, Mo, Va and Ba to assess potential contaminants that may be introduced in the solidified material due to the treatments. The analytical data reports are presented in Appendix A (Alpha Lab Reports-Initial Characterization). Table 6 presents a summary of the testing results.

The groundwater that was used for the Modified ANS 16.1 test was characterized for pH, PCBs, VOCs and PP13, as well asCo, Mo, Va and Ba metals to ensure the groundwater could be used for the leaching tests. The analytical data report is presented in Appendix A (Alpha Lab Reports-Initial Characterization). Table 7 presents a summary of the testing results. The results indicate that the groundwater chemistry is appropriate for the leachability tests, i.e. there were no detectable

levels of PCBs, there were low metals concentrations and the only VOC detected was tetrahydrofuran at 28 ug/L.

	LOCATION			SS199 CLAY		MINTEK LKD		MINTEK CKD		PORTLAND CEMENT	
	SAMPLING DATE			12/26/2017		12/26/2017		12/26/2017		12/26/2017	
	LAB SAMPLE ID			L1747614-01		L1747614-02		L1747614-03		L1747614-04	
	SAMPLE TYPE			SOLID		SOLID		SOLID		SOLID	
	SAMPLE DEPTH (ft.)										
		CasNum	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Density of Soil											
	Bulk Density	NONE	lbs/ft3	-	-	-	-	-	-	-	-
	Moisture Content	NONE	%	-	-	-	-	-	-	-	-
	Dry Density	NONE	lbs/ft3	-	-	-	-	-	-	-	-
General Chemistry											
	Solids, Total	NONE	%	96.6		100		100		99.3	
	pH (H)	12408-02-5	SU	-	-	-	-	-	-	-	-
	Moisture	NONE	%	3.4		0.1	U	0.1	U	0.7	
Grain Size Analysis											
	% Fine Gravel	NONE	%	-	-	-	-	-	-	-	-
	% Total Gravel	NONE	%	-	-	-	-	-	-	-	-
	% Coarse Sand	NONE	%	-	-	-	-	-	-	-	-
	% Medium Sand	NONE	%	-	-	-	-	-	-	-	-
	% Fine Sand	NONE	%	-	-	-	-	-	-	-	-
	% Total Sand	NONE	%	-	-	-	-	-	-	-	-
	% Total Fines	NONE	%	-	-	-	-	-	-	-	-
PAHs by GC/MS-SIM											
	Acenaphthene	83-32-9	ug/kg	-	-	-	-	-	-	-	-
	Fluoranthene	206-44-0	ug/kg	-	-	-	-	-	-	-	-
	Naphthalene	91-20-3	ug/kg	-	-	-	-	-	-	-	-
	Benzo(a)anthracene	56-55-3	ug/kg	-	-	-	-	-	-	-	-
	Benzo(a)pyrene	50-32-8	ug/kg	-	-	-	-	-	-	-	-
	Benzo(b)fluoranthene	205-99-2	ug/kg	-	-	-	-	-	-	-	-
	Benzo(k)fluoranthene	207-08-9	ug/kg	-	-	-	-	-	-	-	-
	Chrysene	218-01-9	ug/kg	-	-	-	-	-	-	-	-
	Acenaphthylene	208-96-8	ug/kg	-	-	-	-	-	-	-	-
	Anthracene	120-12-7	ug/kg	-	-	-	-	-	-	-	-
	Benzo(ghi)perylene	191-24-2	ug/kg	-	-	-	-	-	-	-	-
	Fluorene	86-73-7	ug/kg	-	-	-	-	-	-	-	-
	Phenanthrene	85-01-8	ug/kg	-	-	-	-	-	-	-	-
	Dibenzo(a,h)anthracene	53-70-3	ug/kg	-	-	-	-	-	-	-	-
	Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	-	-	-	-	-	-	-	-
	Pyrene	129-00-0	ug/kg	-	-	-	-	-	-	-	-
	1-Methylnaphthalene	90-12-0	ug/kg	-	-	-	-	-	-	-	-
	2-Methylnaphthalene	91-57-6	ug/kg	-	-	-	-	-	-	-	-
PCB by GC											
	Aroclor 1260	11096-82-5	ug/kg	-	-	-	-	-	-	-	-
	PCBs, Total	1336-36-3	ug/kg	-	-	-	-	-	-	-	-
Total Metals											
	Antimony, Total	7440-36-0	ug/kg	2020	U	308	J	510	J	316	J
	Arsenic, Total	7440-38-2	ug/kg	3600		7250		5360		5730	
	Barium, Total	7440-39-3	ug/kg	91900		317000		145000		114000	
	Beryllium, Total	7440-41-7	ug/kg	738		1780		411		407	
	Cadmium, Total	7440-43-9	ug/kg	73	J	767		1150		115	J
	Chromium, Total	7440-47-3	ug/kg	3190		11000		54100		91200	
	Cobalt, Total	7440-48-4	ug/kg	730	J	5810		2910		3640	
	Copper, Total	7440-50-8	ug/kg	1750		16400		185000		50200	
	Lead, Total	7439-92-1	ug/kg	15600		12200		133000		5210	
	Mercury, Total	7439-97-6	ug/kg	70	U	30	J	80		60	U
	Molybdenum, Total	7439-98-7	ug/kg	884	J	1680	J	3060		3320	
	Nickel, Total	7440-02-0	ug/kg	2380		10000		11300		14500	
	Selenium, Total	7782-49-2	ug/kg	807	U	5730		41100		980	
	Silver, Total	7440-22-4	ug/kg	403	U	386	U	26600		158	J
	Thallium, Total	7440-28-0	ug/kg	807	U	771	U	19200		790	U
	Vanadium, Total	7440-62-2	ug/kg	1030		29800		16000		17200	
	Zinc, Total	7440-66-6	ug/kg	20800		95700		174000		221000	
Volatile Organics by EPA 5035 High											
	1,2-Dichlorobenzene	95-50-1	ug/kg	-	-	-	-	-	-	-	-
	1,4-Dichlorobenzene	106-46-7	ug/kg	-	-	-	-	-	-	-	-
	Naphthalene	91-20-3	ug/kg	-	-	-	-	-	-	-	-
	1,2,3-Trichlorobenzene	87-61-6	ug/kg	-	-	-	-	-	-	-	-
	1,2,4-Trichlorobenzene	120-82-1	ug/kg	-	-	-	-	-	-	-	-

Table 6: Amendment Characterization Results Summary

	LOCATION			**IWE-03**	
	SAMPLING DATE			**12/13/2017**	
	LAB SAMPLE ID			**L1746224-09**	
	SAMPLE TYPE			**WATER**	
	SAMPLE DEPTH (ft.)				
		CasNum	**Units**	**Results**	**Qual**
General Chemistry					
	pH	12408-02-5	SU	6	
PCB by GC					
Total Metals					
	Arsenic, Total	7440-38-2	ug/l	3	J
	Barium, Total	7440-39-3	ug/l	39	
	Cobalt, Total	7440-48-4	ug/l	3	J
	Mercury, Total	7439-97-6	ug/l	0.09	J
	Nickel, Total	7440-02-0	ug/l	8	J
	Zinc, Total	7440-66-6	ug/l	134	
Volatile Organics by GC/MS					
	Tetrahydrofuran	109-99-9	ug/l	28	

Table 7: Groundwater Characterization Results Summary

3.2 ISS Testing Results

Task 1: Portland Cement Treatment

The two soils (ISS#1A and ISS#4B) were treated with Portland Cement at three dosages (5%, 10% and 13% by soil dry weight). ISS#1A soil was labeled 1A and soil ISS#4B was labeled 4B. No excessive heat or vapors were generated during mixing. At Day 28, the samples were tested for UCS. The UCS results are presented in Appendix B (Geotesting Express Report) and summarized in Table 8. The results indicate that all the Portland Cement tests passed the UCS criterion (> 50 psi) for soil 1A except for one 5% dosage sample (40 psi). All soil 4B UCS tests failed, likely due to the high fines content of that soil. Thus, permeability tests were conducted on the 1A soil samples for all three cement dosages (5, 10 and 13%). The 1A sample that had a UCS of 40 psi was also tested to assess if it passed the permeability test at this UCS level.

The permeability results are presented in Appendix B (Geotesting Express Report) and summarized in Table 9. The results indicate that all the 1A soil samples passed the permeability test (hydraulic conductivity equal to or less than 10^{-6} cm/sec).

The samples that passed both the UCS and permeability tests (10% and 13% dosages) were further evaluated for leachability (Task 5 below).

Sample ID	Curing Age, days	Height, in	Diameter, in	Area, in2	Mass, grams	Bulk Density, pcf	Moisture Content at Break, %	Maximum Load, lbs	Compressive Strength, psi
1A-5%-A	28	4.00	2.00	3.14	338	102.6	7.1	130	40
1A-5%-D	28	3.85	2.01	3.17	334	104.1	7.4	220	70
1A-10%-A	28	3.90	2.03	3.24	344	103.7	9.1	520	160
1A-10%-D	28	3.86	2.03	3.24	340	103.6	9.9	580	180
1A-13%-A	28	3.83	2.03	3.24	339	104.3	9.8	580	180
1A-13%-D	28	3.77	2.03	3.24	344	107.5	11.5	910	280
4B-5%	28	3.68	1.92	2.90	281	100.6	35.2	110	40
4B-5%-D	28	Untestable Specimen							
4B-10%	28	4.00	1.99	3.11	335	102.5	TBD	130	40
4B-10%-D	28	3.96	2.02	3.20	328	98.3	TBD	90	30
4B-13%	28	3.9	2.01	3.17	278	85.6	TBD	70	20
4B-13%-D	28	4.00	2.01	3.17	321	96.4	TBD	100	30

Table 8: UCS test results (Portland Cement Treatment)

Sample #	Hydraulic Conductivity, cm/sec
1A-5%	9.5E-07
1A-5%-D	5.1E-07
1A-10%	1.6E-07
1A-10%-D	2.1E-07
1A-13%	7.6E-07
1A-13%-D	9.3E-07

Table 9: Hydraulic conductivity (permeability) test results (Soil 1A, PC treatment)

Task 2: Preliminary Portland Cement (PC)/LKD/Organoclay(OC) Test

A preliminary test to evaluate the Portland Cement/Lime Kiln Dust/Organoclay treatment was conducted on soil ISS#1A at the highest dosage (13% PC/LKD by soil dry weight). A mixture containing 52% PC and 48% LKD was prepared. Subsequently, 2% Organoclay (OC) by dry soil weight was added to the PC/LKD mixture. The results indicated a UCS of 56.4 psi after 9 days of curing (Figure 5), which is higher than the 28-day 50 psi threshold. Therefore, the PC/LKD treatment provided sufficient soil strength to warrant further investigation.

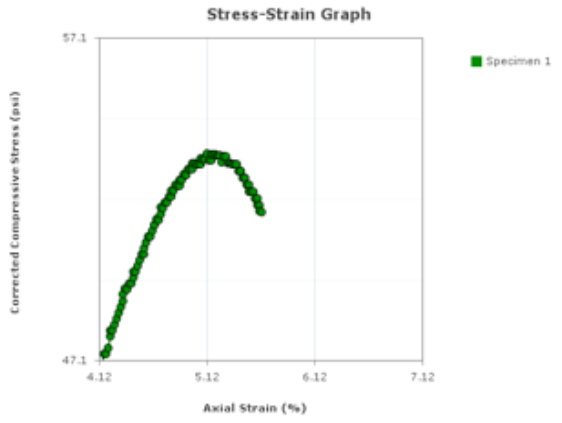

Figure 5: UCS Test Stress-Strain Graph

Task 3: Portland Cement/Organoclay Treatment

The two soils (ISS#1A and ISS#4B) were treated with Portland Cement at three dosages (5%, 10% and 13% by soil dry weight) and 2% Nanocor SS199 Organoclay (OC). No excessive heat or vapors were generated during mixing. At Day 28, the samples were tested for UCS. The UCS results are presented in Appendix B (Geotesting Express Report) and summarized in Table 10 . The results indicate that the Portland Cement/OC tests passed the UCS criterion (> 50 psi) for soil 1A except for the 5% cement dosage samples. All soil 4B UCS tests failed, likely due to the high fines content of that soil. Thus, permeability tests were conducted on the 1A soil samples for the 10% and 13% cement dosage.

The permeability results are presented in Appendix B (Geotesting Express Report) and summarized in Table 11. The results indicate that the 1A soil samples passed the permeability test (hydraulic conductivity equal to or less than 10-6 cm/sec). The 1A samples (10% dosage) were further evaluated for leachability (Task 5 below).

Although the 4B samples did not pass the UCS criterion of 50 psi, it is important to evaluate leachability of the COCs on a 4B soil sample when treated with Portland Cement and Organoclay since on-site ISS application will involve mixing soil layers. Sample 4B-5%-OC (UCS 40 psi) was selected for leachability evaluation (Task 5 below) since it is likely that in-situ ISS treatment of the 1A soil will necessitate PC/OC treatment and the adjacent layer 4B will also need to be treated in order to minimize the impact of soil 4B on the solidification of the 1A soil.

Sample ID	Curing Age, days	Height, in	Diameter, in	Area, in2	Mass, grams	Bulk Density, pcf	Moisture Content at Break, %	Maximum Load, lbs	Compressive Strength, psi
1A-10%-OC	28	3.99	2.03	3.24	346	102.0	11.8	450	140
1A-10%-OC-D	28	3.95	2.04	3.27	337	99.4	11.9	550	165
1A-13%-OC	28	3.93	2.04	3.27	328	97.2	12.3	740	225
1A-13%-OC-D	28	4.00	2.02	3.20	347	103.0	11.3	700	220
1A-5%-OC	28	3.98	2.02	3.20	341	101.9	12.8	150	45
1A-5%-OC-D	28	4.02	2.02	3.20	368	108.9	12.3	130	40
4B-10%-OC	28	3.97	2.01	3.17	314	94.9	25.6	80	25
4B-10%-OC-D	28	4.07	2	3.14	350	104.4	37.4	90	30
4B-5%-OC	28	3.91	1.95	2.99	318	103.7	30.2	110	40
4B-5%-OC-D	28	3.76	1.92	2.90	290	101.5	28.8	60	20
4B-13%-OC	28	4.01	2.03	3.24	321	94.3	TBD	100	30
4B-13%-OC-D	28	4.05	2.01	3.17	346	102.6	TBD	140	45

Table 10: UCS test results (Portland Cement/OC Treatment)

Sample #	Hydraulic Conductivity, cm/sec
1A-10%-OC	9.4E-07
1A-10%-OC-D	5.7E-07
1A-13%-OC	7.3E-07
1A-13%-OC-D	8.0E-07

Table 11: Hydraulic conductivity (permeability) test results (Soil 1A, PC/OC treatment)

Task 4: Portland Cement/LKD/Organoclay Treatment

The two soils (ISS#1A and ISS#4B) were treated with Portland Cement/Lime Kiln Dust/Organoclay at three PC/LKD dosages (5%, 10% and 13% by soil dry weight) and 2% Nanocor SS199 Organoclay (OC). No excessive heat or vapors were generated during mixing. At Day 28, the samples were tested for UCS. The UCS results are presented in Appendix B (Geotesting Express Report) and summarized in Table 12. The results indicate that all the PC/LKD tests passed the UCS criterion for soil 1A (> 50 psi) except for the 5% PC/LKD dosage samples. All soil 4B UCS tests failed,(except for one 13% PC/LKD sample), likely due to the high fines content of that soil. However, the UCS was 30 psi and 50 psi for the two soil 4B 13% PC/LKD duplicate samples (4B-13%-PC/LKD/OC and 4B-13%-PC/LKD/OC-D, respectively), with an average of 40 psi, which is below the required 50 psi. Therefore, soil 4B was not evaluated for permeability. Permeability tests were only conducted on the 1A soil samples for the 10 and 13% PC/LKD dosages.

The permeability results are presented in Appendix B (Geotesting Express Report) and summarized in Table 13. The results indicate that the soil 1A 10% and 13% PC/LKD samples passed the permeability test (hydraulic conductivity equal to or less than 10^{-6} cm/sec). Thus, the soil 1A 10% and 13% PC/LKD samples were further evaluated for leachability (Task 5 below). Sample 4B-13%-PC/LKD-OC was also evaluated for leachability of the COCs from the soil 4B matrix (Task 5 below) when treated with PC/LKD/OC.

Sample ID	Curing Age, days	Height, in	Diameter, in	Area, in2	Mass, grams	Bulk Density, pcf	Moisture Content at Break, %	Maximum Load, lbs	Compressive Strength, psi
1A-5%-PC\LKD-OC	28	4.00	1.98	3.08	348	107.7	14.5	80	25
1A-5%-PC\LKD-OC-D	28	4.03	2.01	3.17	343	102.1	14.4	120	35
1A-10%-PC\LKD-OC	28	3.81	2.02	3.20	334	104.1	14.5	220	70
1A-10%-PC\LKD-OC-D	28	3.87	2.02	3.20	325	99.9	13.1	190	60
1A-13%-PC\LKD-OC	28	4.04	2.00	3.14	325	97.5	12.4	280	90
1A-13%-PC\LKD-OC-D	28	3.87	2.00	3.14	289	90.5	13.0	160	50
4B-5%-LKD\PC-OC	28	3.84	1.88	2.78	272	97.3	26.5	50	20
4B-5%-LKD\PC-OC-D	28	3.56	1.96	3.02	284	100.7	30.6	80	25
4B-10%-LKD\PC-OC	28	3.89	1.98	3.08	302	96.0	24.6	110	35
4B-10%-LKD\PC-OC-D	Untestable Specimen								
4B-13%-LKD\PC-OC	28	3.65	2.01	3.17	316	104.0	23.4	100	30
4B-13%-LKD\PC-OC-D	28	3.75	1.98	3.08	318	104.9	25.1	150	50

Table 12: UCS test results (Portland Cement/LKD/OC Treatment)

Sample #	Hydraulic Conductivity, cm/sec
1A-10% PC/LKD-OC	9.5E-07
1A-10% PC/LKD-OC-D	6.8E-07
1A-13% PC/LKD-OC	8.7E-07
1A-13% PC/LKD-OC-D	7.7E-07

Table 13: Hydraulic conductivity (permeability) test results (Soil 1A, PC/LKD/OC treatment)

Task 5: Leachability Tests

Samples that passed the UCS criterion of > 50 psi and a hydraulic conductivity equal to or less than 10^{-6} cm/sec permeability were tested for leachability. The modified ANS 16.1 leaching test was performed as described in Section 2.3 (Task 5) above. At the end the 5-day tests, the aqueous phase from each leachability test was subsampled and analyzed for the contaminants of concern (VOCs, PCBs, metals).

The cylindrical monolith surface areas and total water volume used in the reactors are presented in Table 14. Note that a piece of core 4B-5%-OC was lost due to breakage as a result of low UCS, thus reducing the surface area of the monolith tested (153.4 cm^2).

Sample #	Monolith surface area, cm^2	Total water volume in reactor, cc
1A-5%	185.4	1854
1A-5%-D	196.4	1964
1A-10%	186.9	1869
1A-10%-D	191.6	1916
1A-13%	193.2	1932
1A-13%-D	185.4	1854
1A-10%-OC	194.8	1948

1A-10%-OC-D	186.9	1869
4B-5%-OC	153.4	1534
4B-13% PC/LKD-OC-D	186.9	1869
1A-10% PC/LKD-OC	196.4	1964
1A-10% PC/LKD-OC-D	188.5	1885
1A-13% PC/LKD-OC	196.4	1964
1A-13% PC/LKD-OC-D	188.5	1885

Table 14: Leachability Tests Reactor Conditions

The analytical data reports for the leachability tests are presented in Appendix C (Alpha Lab Reports- Leachability Tests) and are summarized in Tables 15 -18.

	LOCATION			1A-5%-L		1A-5%-D-L		1A-10%-L		1A-10%-D-L		1A-13%-L		1A-13%-D-L	
	SAMPLING DATE			3/3/2018		3/3/2018		3/3/2018		3/3/2018		3/3/2018		3/3/2018	
	LAB SAMPLE ID			L1807489-01		L1807489-02		L1807489-03		L1807489-04		L1807489-05		L1807489-06	
	SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER		WATER	
	SAMPLE DEPTH (ft.)														
		CasNum	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Dissolved Metals															
	Antimony, Dissolved	7440-36-0	ug/l	1.146	J	0.8444	J	1.633	J	0.839	J	0.8733	J	0.8696	J
	Arsenic, Dissolved	7440-38-2	ug/l	0.7113		0.4582	J	0.2728	J	0.2261	J	0.2157	J	0.225	J
	Barium, Dissolved	7440-39-3	ug/l	17.02		13.57		24		28.92		29.43		43.65	
	Chromium, Dissolved	7440-47-3	ug/l	64.55		58		24.28		34.36		34.17		32.85	
	Cobalt, Dissolved	7440-48-4	ug/l	1.091		0.8944		1.264		1.506		2.008		1.982	
	Copper, Dissolved	7440-50-8	ug/l	1.331		1.324		1.136		0.7275	J	0.904	J	1.008	
	Molybdenum, Dissolved	7439-98-7	ug/l	8.901		7.94		3.291		3.876		3.167		3.141	
	Nickel, Dissolved	7440-02-0	ug/l	0.8058	J	2	U	2	U	2	U	2	U	2	U
	Vanadium, Dissolved	7440-62-2	ug/l	5.669		5.659		5.334		4.573	J	5.222		5.752	
PAHs by GC/MS-SIM															
	Acenaphthene	83-32-9	ug/l	3.3		3.3		1.8		1.1		1.8		2	
	Fluoranthene	206-44-0	ug/l	1.3		1.2		0.68		0.41		0.76		0.68	
	Naphthalene	91-20-3	ug/l	12		13		8		7.2		11		14	
	Benzo(a)anthracene	56-55-3	ug/l	0.13		0.1		0.06	J	0.04	J	0.06	J	0.05	J
	Benzo(a)pyrene	50-32-8	ug/l	0.05	J	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U
	Benzo(b)fluoranthene	205-99-2	ug/l	0.07	J	0.03	J	0.09	U	0.1	U	0.02	J	0.1	U
	Chrysene	218-01-9	ug/l	0.12		0.09	J	0.05	J	0.04	J	0.06	J	0.05	J
	Acenaphthylene	208-96-8	ug/l	0.69		0.76		0.34		0.18		0.39		0.42	
	Anthracene	120-12-7	ug/l	1.3		1.3		0.72		0.56		0.8		0.81	
	Fluorene	86-73-7	ug/l	1.5		1.5		0.8		0.62		0.65		0.92	
	Phenanthrene	85-01-8	ug/l	5.1		5		2.7		2.1		3		3.1	
	Pyrene	129-00-0	ug/l	0.8		0.75		0.41		0.22		0.41		0.4	
	1-Methylnaphthalene	90-12-0	ug/l	0.77		0.79		0.43		0.34		0.7		0.82	
	2-Methylnaphthalene	91-57-6	ug/l	1.2		1.2		0.68		0.56		1.1		1.4	
PCB by GC															
	Aroclor 1260	11096-82-5	ug/l	53.9		5.53		2.4		1.76		0.981		1.8	
	PCBs, Total	1336-36-3	ug/l	53.9		5.53		2.4		1.76		0.981		1.8	
Volatile Organics by GC/MS															
	1,2-Dichlorobenzene	95-50-1	ug/l	13	J	19	J	17	J	19		16	J	15	J
	1,4-Dichlorobenzene	106-46-7	ug/l	11	J	19	J	18	J	18		16	J	16	J
	Acetone	67-64-1	ug/l	28	J	33	J	38	J	94		120		120	
	Tetrahydrofuran	109-99-9	ug/l	36	J	31	J	28	J	22	J	10	J	26	J
	Naphthalene	91-20-3	ug/l	9.4	J	11	J	8.3	J	8.5	J	7.7	J	8	J
	1,2,3-Trichlorobenzene	87-61-6	ug/l	310		350		310		290		300		300	
	1,2,4-Trichlorobenzene	120-82-1	ug/l	830		1000		940		920		890		900	

Table 15: Leachability test results (Portland Cement Treatment, Soil 1A)

		SAMPLE ID:	1A-10%-OC-D				1A-10%-OC			
		LAB ID:	L1808807-01				L1808807-02			
		COLLECTION DATE:	3/14/2018				3/14/2018			
		SAMPLE DEPTH:								
		SAMPLE MATRIX:	WATER				WATER			
		NOCRIT								
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS										
1,2-Dichlorobenzene	95-50-1	NA	8.2	J	12	0.92	14		12	0.92
1,4-Dichlorobenzene	106-46-7	NA	10	J	12	0.94	19		12	0.94
Acetone	67-64-1	NA	82		25	7.3	48		25	7.3
Carbon disulfide	75-15-0	NA	ND		25	1.5	ND		25	1.5
Tetrahydrofuran	109-99-9	NA	ND		25	4.2	6.2	J	25	4.2
Naphthalene	91-20-3	NA	20		12	1.1	2.8	J	12	1.1
n-Propylbenzene	103-65-1	NA	1.7	J	2.5	0.86	ND		2.5	0.86
1,2,3-Trichlorobenzene	87-61-6	NA	110		12	1.2	160		12	1.2
1,2,4-Trichlorobenzene	120-82-1	NA	770		12	1.1	450		12	1.1
Total VOCs			1001.9	-	-	-	700	-	-	-
PAHS BY GC/MS-SIM										
Acenaphthene	83-32-9	NA	0.57		0.09	0.03	0.55		0.1	0.03
Fluoranthene	206-44-0	NA	0.09	J	0.09	0.04	0.09	J	0.1	0.04
Naphthalene	91-20-3	NA	1.8		0.09	0.04	1.9		0.1	0.04
Acenaphthylene	208-96-8	NA	0.03	J	0.09	0.03	0.03	J	0.1	0.03
Anthracene	120-12-7	NA	0.06	J	0.09	0.03	0.05	J	0.1	0.03
Phenanthrene	85-01-8	NA	0.46		0.09	0.01	0.44		0.1	0.01
Pyrene	129-00-0	NA	0.07	J	0.09	0.04	0.07	J	0.1	0.04
1-Methylnaphthalene	90-12-0	NA	0.11		0.09	0.04	0.11		0.1	0.04
2-Methylnaphthalene	91-57-6	NA	0.18		0.09	0.04	0.18		0.1	0.04
PCB BY GC										
Aroclor 1260	11096-82-5	NA	1.42		0.438	0.042	1.67		0.338	0.032
PCBs, Total	1336-36-3	NA	1.42		0.438	0.036	1.67		0.338	0.028
DISSOLVED METALS										
Antimony, Dissolved	7440-36-0	NA	1.465	J	4	0.429	0.944	J	4	0.429
Arsenic, Dissolved	7440-38-2	NA	0.5808		0.5	0.165	0.3226	J	0.5	0.165
Barium, Dissolved	7440-39-3	NA	18.76		0.5	0.173	34.81		0.5	0.173
Chromium, Dissolved	7440-47-3	NA	43.27		1	0.178	38.78		1	0.178
Cobalt, Dissolved	7440-48-4	NA	2.415		0.5	0.163	2.202		0.5	0.163
Copper, Dissolved	7440-50-8	NA	0.7811	J	1.5	0.384	0.9864	J	1	0.384
Molybdenum, Dissolved	7439-98-7	NA	3.51		2	0.67	3.058		2	0.67
Vanadium, Dissolved	7440-62-2	NA	5.598		5	1.57	3.897	J	5	1.57
*NOCRIT: No Criteria Report -										

Table 16: Leachability test results (10% Portland Cement, 2% OC Treatment, Soil 1A)

		SAMPLE ID:	1A-10%-PC/LKD-OC				1A-10%-PC/LKD-OC-D				1A-13%-PC/LKD-OC-D				1A-13%-PC/LKD-OC			
		LAB ID:	L1808807-03				L1808807-04				L1808807-05				L1808807-06			
		COLLECTION DATE:	3/14/2018				3/14/2018				3/14/2018				3/14/2018			
		SAMPLE DEPTH:																
		SAMPLE MATRIX:	WATER				WATER				WATER				WATER			
		NOCRIT																
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS																		
1,2-Dichlorobenzene	95-50-1	NA	7.8	J	12	0.92	8.3	J	25	1.8	4.4	J	10	0.74	4.3	J	10	0.74
1,4-Dichlorobenzene	106-46-7	NA	10	J	12	0.94	9.6	J	25	1.9	5.3	J	10	0.75	5.4	J	10	0.75
Acetone	67-64-1	NA	37		25	7.3	58		50	15	160		20	5.8	160		20	5.8
Carbon disulfide	75-15-0	NA	ND		25	1.5	ND		50	3	ND		20	1.2	ND		20	1.2
Tetrahydrofuran	109-99-9	NA	ND		25	4.2	ND		50	8.3	ND		20	3.3	ND		20	3.3
Naphthalene	91-20-3	NA	1.9	J	12	1.1	ND		25	2.2	ND		10	0.86	ND		10	0.86
n-Propylbenzene	103-65-1	NA	ND		2.5	0.86	ND		5	1.7	ND		2	0.69	ND		2	0.69
1,2,3-Trichlorobenzene	87-61-6	NA	98		12	1.2	140		25	2.3	73		10	0.94	71		10	0.94
1,2,4-Trichlorobenzene	120-82-1	NA	700		12	1.1	900		25	2.2	510		10	0.88	500		10	0.88
Total VOCs			854.7	-	-	-	1115.9	-	-	-	752.7	-	-	-	740.7	-	-	-
PAHS BY GC/MS-SIM																		
Acenaphthene	83-32-9	NA	0.62		0.1	0.03	0.77		0.1	0.04	0.29		0.1	0.03	0.45		0.1	0.03
Fluoranthene	206-44-0	NA	0.13		0.1	0.04	0.16		0.1	0.04	0.08	J	0.1	0.04	0.09	J	0.1	0.04
Naphthalene	91-20-3	NA	1.6		0.1	0.04	1.9		0.1	0.04	0.66		0.1	0.04	1.1		0.1	0.04
Acenaphthylene	208-96-8	NA	0.08	J	0.1	0.03	0.1		0.1	0.04	0.04	J	0.1	0.03	0.05	J	0.1	0.03
Anthracene	120-12-7	NA	0.09	J	0.1	0.03	0.09	J	0.1	0.04	0.05	J	0.1	0.03	0.06	J	0.1	0.03
Phenanthrene	85-01-8	NA	0.69		0.1	0.01	0.84		0.1	0.02	0.34		0.1	0.01	0.47		0.1	0.02
Pyrene	129-00-0	NA	0.1		0.1	0.04	0.12		0.1	0.04	0.06	J	0.1	0.04	0.07	J	0.1	0.04
1-Methylnaphthalene	90-12-0	NA	0.16		0.1	0.04	0.19		0.1	0.04	0.07	J	0.1	0.04	0.11		0.1	0.04
2-Methylnaphthalene	91-57-6	NA	0.27		0.1	0.04	0.33		0.1	0.05	0.11		0.1	0.04	0.19		0.1	0.04
PCB BY GC																		
Aroclor 1260	11096-82-5	NA	2.12		0.397	0.038	1.29		0.338	0.032	1.54		0.391	0.038	0.901		0.305	0.029
PCBs, Total	1336-36-3	NA	2.12		0.397	0.033	1.29		0.338	0.028	1.54		0.391	0.032	0.901		0.305	0.025
DISSOLVED METALS																		
Antimony, Dissolved	7440-36-0	NA	0.6965	J	4	0.429	0.9699	J	4	0.429	0.7839	J	4	0.429	0.8165	J	4	0.429
Arsenic, Dissolved	7440-38-2	NA	0.4064	J	0.5	0.165	0.2875	J	0.5	0.165	0.309	J	0.5	0.165	0.3	J	0.5	0.165
Barium, Dissolved	7440-39-3	NA	37.23		0.5	0.173	39.07		0.5	0.173	24.77		0.5	0.173	35.06		0.5	0.173
Chromium, Dissolved	7440-47-3	NA	36		1	0.178	38.97		1	0.178	32.97		1	0.178	34.69		1	0.178
Cobalt, Dissolved	7440-48-4	NA	0.9172		0.5	0.163	0.9803		0.5	0.163	1.128		0.5	0.163	0.9977		0.5	0.163
Copper, Dissolved	7440-50-8	NA	0.9395	J	1	0.384	0.5579	J	1	0.384	0.8618	J	1	0.384	0.6165	J	1	0.384
Molybdenum, Dissolved	7439-98-7	NA	4.126		2	0.67	4.44		2	0.67	3.079		2	0.67	3.142		2	0.67
Vanadium, Dissolved	7440-62-2	NA	4.61	J	5	1.57	6.367		5	1.57	4.893	J	5	1.57	5.131		5	1.57

Table 17: Leachability test results (PC/LKD/OC Treatment, Soil 1A)

		SAMPLE ID:		4B-5%-OC			4B-13%-PC/LKD-OC-D		
		LAB ID:		L1808807-07			L1808807-08		
		COLLECTION DATE:		3/14/2018			3/14/2018		
		SAMPLE DEPTH:							
		SAMPLE MATRIX:		WATER			WATER		
		NOCRIT							
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS										
1,2-Dichlorobenzene	95-50-1	NA	0.28	J	2.5	0.18	2.8	J	6.2	0.46
1,4-Dichlorobenzene	106-46-7	NA	ND		2.5	0.19	2.3	J	6.2	0.47
Acetone	67-64-1	NA	49		5	1.5	53		12	3.6
Carbon disulfide	75-15-0	NA	0.47	J	5	0.3	ND		12	0.75
Tetrahydrofuran	109-99-9	NA	ND		5	0.83	ND		12	2.1
Naphthalene	91-20-3	NA	ND		2.5	0.22	ND		6.2	0.54
n-Propylbenzene	103-65-1	NA	ND		0.5	0.17	ND		1.2	0.43
1,2,3-Trichlorobenzene	87-61-6	NA	17		2.5	0.23	51		6.2	0.58
1,2,4-Trichlorobenzene	120-82-1	NA	93		2.5	0.22	350		6.2	0.55
Total VOCs			159.75	-	-	-	459.1	-	-	-
PAHS BY GC/MS-SIM										
Acenaphthene	83-32-9	NA	0.07	J	0.1	0.03	0.22		0.09	0.03
Fluoranthene	206-44-0	NA	0.07	J	0.1	0.04	ND		0.09	0.04
Naphthalene	91-20-3	NA	0.14		0.1	0.04	0.67		0.09	0.04
Acenaphthylene	208-96-8	NA	ND		0.1	0.03	ND		0.09	0.03
Anthracene	120-12-7	NA	ND		0.1	0.03	ND		0.09	0.03
Phenanthrene	85-01-8	NA	0.2		0.1	0.02	0.13		0.09	0.01
Pyrene	129-00-0	NA	0.04	J	0.1	0.04	ND		0.09	0.04
1-Methylnaphthalene	90-12-0	NA	ND		0.1	0.04	0.06	J	0.09	0.04
2-Methylnaphthalene	91-57-6	NA	ND		0.1	0.04	0.11		0.09	0.04
PCB BY GC										
Aroclor 1260	11096-82-5	NA	6.1		0.521	0.05	2.07		0.49	0.047
PCBs, Total	1336-36-3	NA	6.1		0.521	0.043	2.07		0.49	0.04
DISSOLVED METALS										
Antimony, Dissolved	7440-36-0	NA	1.093	J	4	0.429	0.6914	J	4	0.429
Arsenic, Dissolved	7440-38-2	NA	0.2358	J	0.5	0.165	0.2655	J	0.5	0.165
Barium, Dissolved	7440-39-3	NA	12.12		0.5	0.173	71.39		0.5	0.173
Chromium, Dissolved	7440-47-3	NA	177.2		1	0.178	32.03		1	0.178
Cobalt, Dissolved	7440-48-4	NA	0.195	J	0.5	0.163	1.487		0.5	0.163
Copper, Dissolved	7440-50-8	NA	0.5737	J	1	0.384	0.5664	J	1	0.384
Molybdenum, Dissolved	7439-98-7	NA	10.2		2	0.67	2.682		2	0.67
Vanadium, Dissolved	7440-62-2	NA	9.476		5	1.57	2.478	J	5	1.57

Table 18: Leachability test results (Soil 4B)

For the Portland Cement treated soils (1A) presented in Table 15, the leachate results indicate average total VOC concentrations of 1350 ug/L for the 5% dosage, 1365 ug/L for the 10% dosage and 1373 ug/L for the 13% dosage. Note that the highest VOC concentration detected was 1,2,4-trichlorobenzene at 1000 ug/L, which is much lower than the solubility limit of that compound (49,000 ug/L at 25 degC). Average PCB concentrations were 29.7 ug/L for the 5% dosage, 2.08 ug/L for the 10% dosage and 1.39 ug/L for the 13% dosage. Low concentrations of PAHs and metals were also detected in the leachate. Cylindrical monolith surface areas and volume of water used in each reactor are provided in Table 13 above. The surface areas can be used to determine the total mass of each contaminant released in 5 days in the water phase as a function of treated soil surface area. The resultingvalues can be used to estimate COC mass leached from the expected in-situ soil monolith surface area in contact with groundwater, and estimate COC flux from the monolith.

For the Portland Cement/Organoclay treated soils (1A) presented in Table 16, the 10%PC / 2% OC-dosed soil leachate results indicate an average total VOC concentrations of 851 ug/L. When compared to the 10%PC-dosed soils leachate concentrations, the total VOC concentration represents a 37.6% decrease (1365 ug/L versus 851 ug/L). Average PCB concentrations were 1.55 ug/L for the 10%PC / 2% OC-dosed soil. When compared to the 10%PC-dosed soils leachate concentrations, the PCB concentration represents a slight decrease (2.08 ug/L versus 1.55 ug/L), although these PCB concentrations are too low to draw any definitive conclusion with respect to the Organoclay impact on PCB leachability. Low concentrations of PAHs and metals were also detected in the leachate.

For the Portland Cement/LKD/Organoclay treated soils (1A) presented in Table 17, the 10%PC/LKD 2% OC-dosed soil leachate results indicate an average total VOC concentration of 985 ug/L. The 13%PC/LKD 2% OC-dosed soil leachate results indicate an average total VOC concentration of 747 ug/L. When compared to the 10%PC/LKD 2% OC-dosed soils leachate concentrations, the total VOC concentration represents a 24.1 % decrease (985 ug/L versus 747 ug/L). Note that the 10%PC / 2% OC-dosed soils leachate total VOC concentrations were higher than the 13%PC/LKD 2% OC total VOC concentrations (851 ug/L versus 747 ug/L). Average PCB concentrations were 1.55 ug/L for the 10%PC / 2% OC-dosed soils and 1.22 ug/L for the 13%PC/LKD 2% OC-dosed soils. This represents a slight decrease in PCB concentration although these concentrations are too low to draw any definitive conclusion with respect to the PC/LKD dosage impact on PCB leachability. Low concentrations of PAHs and metals were also detected in the leachate.

For soil ISS#4B, the leachability test results presented in Table 18 indicate a total VOC concentration of 160 ug/L for the 5%PC 2%OC treatment and 459 ug/L for the 13% PC/LKD 2%OC treatment. This indicates that the PC/OC treatment may be more effective than the PC/LKD/OC treatment in reducing VOC leachability, although the data is insufficient to draw a definitive conclusion. The PCB concentration was 6.1 ug/L for the PC/OC treatment and 2.07 ug/L for the PC/LKD/OC treatment. Although this may indicate that the PC/LKD/OC treatment may be more effective in limiting PCB leachability, the limited data and the ineffectiveness of the treatments in terms of UCS precludes drawing any definitive leachability conclusions. Low concentrations of PAHs and metals were also detected in the leachate.

3.3 Conclusions

- For soil ISS#1A, Portland Cement treatment was effective (UCS and permeability) at the 10% and 13% dosage and marginally effective at the 5% dosage level.
- For soil ISS#4B, Portland Cement treatment was ineffective (UCS and permeability) at all dosages, likely due to the high fines content of the soil (83.7%).
- For soil ISS#1A, Portland Cement/Organoclay treatment was effective (UCS and permeability) at the 10% and 13% dosage and ineffective at the 5% dosage level.
- For soil ISS#4B, Portland Cement/Organoclay treatment was ineffective (UCS and permeability) at all dosages likely due to the high fines content of the soil (83.7%).
- For soil ISS#1A, Portland Cement/LKD/Organoclay treatment was effective (UCS and permeability) at the 10% and 13% dosage and ineffective at the 5% dosage level.
- For soil ISS#4B, Portland Cement/LKD/Organoclay treatment was ineffective (UCS and permeability) at all dosages except for one 13% PC/LKD/OC sample,, likely due to the high fines content of the soil (83.7%).
- Based on the leachability tests, the addition of 2% Organoclay to the 10% Portland Cement treatment of soil ISS#1A resulted in a 37.6% decrease in the average total VOC concentration (1365 ug/L versus 851 ug/L).
- Based on limited ISS#4B leachability tests, total VOC concentrations were 459 ug/L for the 13%PC/LKD/OC and 160 ug/L for the 5%PC/OC treated soils.
- Based on the leachability tests, very low levels of PCBs were detected in the groundwater phase for soil ISS#1A (< 3 ug/L) and soil ISS#4B (< 7 ug/L).
- Low concentrations of PAHs and metals were detected in the leachate for both soils.
- Based on the results obtained in this study, an in-situ treatment using 8% Portland Cement with 2% Organoclay or a treatment using 10% PC/LKD with 2% Organoclay is recommended for soil ISS#1A at this site.
- ISS treatment of soil ISS#4B would have limited effectiveness at this site, unless the treatment involves sufficient mixing of soil ISS#4B with soil ISS#1A in order to reduce the negative impact of the high fines content of soil ISS#4B on the ISS treatment.

Appendix A
Alpha Lab Reports
Initial Characterization

ANALYTICAL REPORT

Lab Number:	L1746224
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Amine Dahmani
Phone:	(973) 808-9050
Project Name:	TETRA TECH ISS
Project Number:	10017
Report Date:	12/29/17

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1746224-01	ISS#1A	SOIL	MIDDLE RIVER, MD	12/13/17 17:00	12/14/17
L1746224-02	ISS#1B	SOIL	MIDDLE RIVER, MD	12/13/17 13:00	12/14/17
L1746224-03	ISS#3A	SOIL	MIDDLE RIVER, MD	12/13/17 13:00	12/14/17
L1746224-04	ISS#3B	SOIL	MIDDLE RIVER, MD	12/13/17 13:00	12/14/17
L1746224-05	ISS#4A	SOIL	MIDDLE RIVER, MD	12/13/17 13:00	12/14/17
L1746224-06	ISS#4B	SOIL	MIDDLE RIVER, MD	12/13/17 14:00	12/14/17
L1746224-07	ISS#5A	SOIL	MIDDLE RIVER, MD	12/13/17 14:00	12/14/17
L1746224-08	ISS#5B	SOIL	MIDDLE RIVER, MD	12/13/17 14:00	12/14/17
L1746224-09	IWE-03	WATER	MIDDLE RIVER, MD	12/13/17 13:00	12/14/17

Project Name:	TETRA TECH ISS	**Lab Number:**	L1746224
Project Number:	10017	**Report Date:**	12/29/17

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: TETRA TECH ISS **Lab Number:** L1746224
Project Number: 10017 **Report Date:** 12/29/17

Case Narrative (continued)

Report Submission
This is a final report and replaces the preliminary report issued on Decenber 22, 2017.
All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics
The WG1075087-5 Method Blank, associated with L1746224-09, has concentrations above the reporting limits for Hexachlorobutadiene. Since the sample(s) were non-detect to the RL for these target analytes, no further actions were taken. The results of the original analysis are reported.

Semivolatile Organics by SIM
L1746224-01, -02, -03, -04, -05, -07 and -08: The sample has elevated detection limits due to the dilution required by the sample matrix.
L1746224-01, -02, -04, -05, and -07: The surrogate recoveries are below the acceptance criteria for Nitrobenzene-d5 (0%), 2-Fluorobiphenyl (0%) and 4-Terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

PCBs
L1746224-01, -02, -03, -04, -05, -06, -07, and -08: The surrogate recoveries are below the acceptance criteria for 2,4,5,6-Tetrachloro-m-xylene (0%) and Decachlorobiphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.
WG1074469-1: The Method Blank, associated with L1746224-01 through -08, has a concentration above the reporting limits for AR1260-AVG and Total PCBs. Since the associated sample concentrations are greater than 10x the blank concentrations for these analytes, no corrective action is required.

Total Mercury

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

Case Narrative (continued)

The WG1074718-3 MS recovery, performed on L1746224-01, is outside the acceptance criteria for Mercury (144%). A post digestion spike was performed and was within acceptance criteria.

Grain Size Analysis

The WG1074426-1 Laboratory Duplicate RPD for % Fine gravel (67%), Total gravel (67%) and Total fines (29%), performed on L1746224-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Elizabeth Porta

Title: Technical Director/Representative Date: 12/29/17

ORGANICS

VOLATILES

Project Name: TETRA TECH ISS
Lab Number: L1746224
Project Number: 10017
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-01 D2
Client ID: ISS#1A
Sample Location: MIDDLE RIVER, MD

Date Collected: 12/13/17 17:00
Date Received: 12/14/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/21/17 08:52
Analyst: CBN
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,4-Trichlorobenzene	1700000		ug/kg	130000	5600	1000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	104		70-130

Project Name: TETRA TECH ISS
Lab Number: L1746224
Project Number: 10017
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-01 D
Client ID: ISS#1A
Sample Location: MIDDLE RIVER, MD

Date Collected: 12/13/17 17:00
Date Received: 12/14/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/17 10:42
Analyst: JC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	26000	4300	100
1,1-Dichloroethane	ND		ug/kg	3900	700	100
Chloroform	ND		ug/kg	3900	960	100
Carbon tetrachloride	ND		ug/kg	2600	890	100
1,2-Dichloropropane	ND		ug/kg	9000	590	100
Dibromochloromethane	ND		ug/kg	2600	450	100
1,1,2-Trichloroethane	ND		ug/kg	3900	810	100
Tetrachloroethene	ND		ug/kg	2600	780	100
Chlorobenzene	ND		ug/kg	2600	900	100
Trichlorofluoromethane	ND		ug/kg	13000	1100	100
1,2-Dichloroethane	ND		ug/kg	2600	640	100
1,1,1-Trichloroethane	ND		ug/kg	2600	900	100
Bromodichloromethane	ND		ug/kg	2600	800	100
trans-1,3-Dichloropropene	ND		ug/kg	2600	540	100
cis-1,3-Dichloropropene	ND		ug/kg	2600	600	100
1,3-Dichloropropene, Total	ND		ug/kg	2600	540	100
1,1-Dichloropropene	ND		ug/kg	13000	850	100
Bromoform	ND		ug/kg	10000	610	100
1,1,2,2-Tetrachloroethane	ND		ug/kg	2600	770	100
Benzene	ND		ug/kg	2600	500	100
Toluene	ND		ug/kg	3900	500	100
Ethylbenzene	ND		ug/kg	2600	440	100
Chloromethane	ND		ug/kg	13000	1100	100
Bromomethane	ND		ug/kg	5200	870	100
Vinyl chloride	ND		ug/kg	5200	810	100
Chloroethane	ND		ug/kg	5200	820	100
1,1-Dichloroethene	ND		ug/kg	2600	960	100
trans-1,2-Dichloroethene	ND		ug/kg	3900	620	100
Trichloroethene	ND		ug/kg	2600	780	100
1,2-Dichlorobenzene	28000		ug/kg	13000	470	100

Project Name: TETRA TECH ISS **Lab Number:** L1746224

Project Number: 10017 **Report Date:** 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-01 D Date Collected: 12/13/17 17:00

Client ID: ISS#1A Date Received: 12/14/17

Sample Location: MIDDLE RIVER, MD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	13000	560	100
1,4-Dichlorobenzene	31000		ug/kg	13000	470	100
Methyl tert butyl ether	ND		ug/kg	5200	400	100
p/m-Xylene	ND		ug/kg	5200	910	100
o-Xylene	ND		ug/kg	5200	870	100
Xylenes, Total	ND		ug/kg	5200	870	100
cis-1,2-Dichloroethene	ND		ug/kg	2600	880	100
1,2-Dichloroethene, Total	ND		ug/kg	2600	620	100
Dibromomethane	ND		ug/kg	26000	620	100
1,4-Dichlorobutane	ND		ug/kg	26000	420	100
1,2,3-Trichloropropane	ND		ug/kg	26000	460	100
Styrene	ND		ug/kg	5200	1000	100
Dichlorodifluoromethane	ND		ug/kg	26000	1300	100
Acetone	ND		ug/kg	93000	5900	100
Carbon disulfide	ND		ug/kg	26000	2800	100
2-Butanone	ND		ug/kg	26000	1800	100
Vinyl acetate	ND		ug/kg	26000	400	100
4-Methyl-2-pentanone	ND		ug/kg	26000	630	100
2-Hexanone	ND		ug/kg	26000	1700	100
Ethyl methacrylate	ND		ug/kg	26000	430	100
Acrylonitrile	ND		ug/kg	10000	1300	100
Bromochloromethane	ND		ug/kg	13000	920	100
Tetrahydrofuran	ND		ug/kg	52000	2600	100
2,2-Dichloropropane	ND		ug/kg	13000	1200	100
1,2-Dibromoethane	ND		ug/kg	10000	510	100
1,3-Dichloropropane	ND		ug/kg	13000	470	100
1,1,1,2-Tetrachloroethane	ND		ug/kg	2600	820	100
Bromobenzene	ND		ug/kg	13000	570	100
n-Butylbenzene	ND		ug/kg	2600	590	100
sec-Butylbenzene	ND		ug/kg	2600	560	100
tert-Butylbenzene	ND		ug/kg	13000	640	100
o-Chlorotoluene	ND		ug/kg	13000	570	100
p-Chlorotoluene	ND		ug/kg	13000	470	100
1,2-Dibromo-3-chloropropane	ND		ug/kg	13000	1000	100
Hexachlorobutadiene	ND		ug/kg	13000	900	100
Isopropylbenzene	ND		ug/kg	2600	500	100
p-Isopropyltoluene	ND		ug/kg	2600	520	100
Naphthalene	6300	J	ug/kg	13000	360	100
n-Propylbenzene	ND		ug/kg	2600	560	100

Project Name: TETRA TECH ISS **Lab Number:** L1746224

Project Number: 10017 **Report Date:** 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-01 D Date Collected: 12/13/17 17:00

Client ID: ISS#1A Date Received: 12/14/17

Sample Location: MIDDLE RIVER, MD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	490000		ug/kg	13000	650	100
1,2,4-Trichlorobenzene	2800000	E	ug/kg	13000	560	100
1,3,5-Trimethylbenzene	ND		ug/kg	13000	420	100
1,2,4-Trimethylbenzene	ND		ug/kg	13000	480	100
trans-1,4-Dichloro-2-butene	ND		ug/kg	13000	1000	100
Ethyl ether	ND		ug/kg	13000	670	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	101		70-130

Project Name: TETRA TECH ISS
Lab Number: L1746224
Project Number: 10017
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-02 D2
Client ID: ISS#1B
Sample Location: MIDDLE RIVER, MD

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/21/17 10:12
Analyst: JC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,4-Trichlorobenzene	600000		ug/kg	15000	650	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	104		70-130

Project Name: TETRA TECH ISS
Lab Number: L1746224
Project Number: 10017
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-02 D
Client ID: ISS#1B
Sample Location: MIDDLE RIVER, MD

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/21/17 09:18
Analyst: CBN
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	7600	1200	25
1,1-Dichloroethane	ND		ug/kg	1100	200	25
Chloroform	ND		ug/kg	1100	280	25
Carbon tetrachloride	ND		ug/kg	760	260	25
1,2-Dichloropropane	ND		ug/kg	2600	170	25
Dibromochloromethane	ND		ug/kg	760	130	25
1,1,2-Trichloroethane	ND		ug/kg	1100	240	25
Tetrachloroethene	ND		ug/kg	760	230	25
Chlorobenzene	ND		ug/kg	760	260	25
Trichlorofluoromethane	ND		ug/kg	3800	320	25
1,2-Dichloroethane	ND		ug/kg	760	190	25
1,1,1-Trichloroethane	ND		ug/kg	760	260	25
Bromodichloromethane	ND		ug/kg	760	230	25
trans-1,3-Dichloropropene	ND		ug/kg	760	160	25
cis-1,3-Dichloropropene	ND		ug/kg	760	170	25
1,3-Dichloropropene, Total	ND		ug/kg	760	160	25
1,1-Dichloropropene	ND		ug/kg	3800	250	25
Bromoform	ND		ug/kg	3000	180	25
1,1,2,2-Tetrachloroethane	ND		ug/kg	760	220	25
Benzene	ND		ug/kg	760	140	25
Toluene	ND		ug/kg	1100	150	25
Ethylbenzene	ND		ug/kg	760	130	25
Chloromethane	ND		ug/kg	3800	330	25
Bromomethane	ND		ug/kg	1500	260	25
Vinyl chloride	ND		ug/kg	1500	240	25
Chloroethane	ND		ug/kg	1500	240	25
1,1-Dichloroethene	ND		ug/kg	760	280	25
trans-1,2-Dichloroethene	ND		ug/kg	1100	180	25
Trichloroethene	ND		ug/kg	760	230	25
1,2-Dichlorobenzene	3900		ug/kg	3800	140	25

Project Name: TETRA TECH ISS **Lab Number:** L1746224

Project Number: 10017 **Report Date:** 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-02 D Date Collected: 12/13/17 13:00

Client ID: ISS#1B Date Received: 12/14/17

Sample Location: MIDDLE RIVER, MD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3800	160	25
1,4-Dichlorobenzene	5000		ug/kg	3800	140	25
Methyl tert butyl ether	ND		ug/kg	1500	120	25
p/m-Xylene	ND		ug/kg	1500	260	25
o-Xylene	ND		ug/kg	1500	260	25
Xylenes, Total	ND		ug/kg	1500	260	25
cis-1,2-Dichloroethene	ND		ug/kg	760	260	25
1,2-Dichloroethene, Total	ND		ug/kg	760	180	25
Dibromomethane	ND		ug/kg	7600	180	25
1,4-Dichlorobutane	ND		ug/kg	7600	120	25
1,2,3-Trichloropropane	ND		ug/kg	7600	130	25
Styrene	ND		ug/kg	1500	300	25
Dichlorodifluoromethane	ND		ug/kg	7600	380	25
Acetone	ND		ug/kg	27000	1700	25
Carbon disulfide	ND		ug/kg	7600	830	25
2-Butanone	ND		ug/kg	7600	520	25
Vinyl acetate	ND		ug/kg	7600	120	25
4-Methyl-2-pentanone	ND		ug/kg	7600	180	25
2-Hexanone	ND		ug/kg	7600	500	25
Ethyl methacrylate	ND		ug/kg	7600	130	25
Acrylonitrile	ND		ug/kg	3000	390	25
Bromochloromethane	ND		ug/kg	3800	270	25
Tetrahydrofuran	ND		ug/kg	15000	750	25
2,2-Dichloropropane	ND		ug/kg	3800	340	25
1,2-Dibromoethane	ND		ug/kg	3000	150	25
1,3-Dichloropropane	ND		ug/kg	3800	140	25
1,1,1,2-Tetrachloroethane	ND		ug/kg	760	240	25
Bromobenzene	ND		ug/kg	3800	160	25
n-Butylbenzene	ND		ug/kg	760	170	25
sec-Butylbenzene	ND		ug/kg	760	160	25
tert-Butylbenzene	ND		ug/kg	3800	190	25
o-Chlorotoluene	ND		ug/kg	3800	170	25
p-Chlorotoluene	ND		ug/kg	3800	140	25
1,2-Dibromo-3-chloropropane	ND		ug/kg	3800	300	25
Hexachlorobutadiene	ND		ug/kg	3800	260	25
Isopropylbenzene	ND		ug/kg	760	150	25
p-Isopropyltoluene	ND		ug/kg	760	150	25
Naphthalene	270	J	ug/kg	3800	100	25
n-Propylbenzene	ND		ug/kg	760	160	25

Project Name: TETRA TECH ISS **Lab Number:** L1746224

Project Number: 10017 **Report Date:** 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-02 D Date Collected: 12/13/17 13:00

Client ID: ISS#1B Date Received: 12/14/17

Sample Location: MIDDLE RIVER, MD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	95000		ug/kg	3800	190	25
1,2,4-Trichlorobenzene	550000	E	ug/kg	3800	160	25
1,3,5-Trimethylbenzene	ND		ug/kg	3800	120	25
1,2,4-Trimethylbenzene	ND		ug/kg	3800	140	25
trans-1,4-Dichloro-2-butene	ND		ug/kg	3800	300	25
Ethyl ether	ND		ug/kg	3800	200	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	103		70-130

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-03 D
Client ID: ISS#3A
Sample Location: MIDDLE RIVER, MD
Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/17 11:38
Analyst: JC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	1400	240	4
1,1-Dichloroethane	ND		ug/kg	220	39.	4
Chloroform	ND		ug/kg	220	54.	4
Carbon tetrachloride	ND		ug/kg	140	50.	4
1,2-Dichloropropane	ND		ug/kg	510	33.	4
Dibromochloromethane	ND		ug/kg	140	26.	4
1,1,2-Trichloroethane	ND		ug/kg	220	46.	4
Tetrachloroethene	ND		ug/kg	140	44.	4
Chlorobenzene	ND		ug/kg	140	51.	4
Trichlorofluoromethane	ND		ug/kg	730	61.	4
1,2-Dichloroethane	ND		ug/kg	140	36.	4
1,1,1-Trichloroethane	ND		ug/kg	140	51.	4
Bromodichloromethane	ND		ug/kg	140	45.	4
trans-1,3-Dichloropropene	ND		ug/kg	140	30.	4
cis-1,3-Dichloropropene	ND		ug/kg	140	34.	4
1,3-Dichloropropene, Total	ND		ug/kg	140	30.	4
1,1-Dichloropropene	ND		ug/kg	730	48.	4
Bromoform	ND		ug/kg	580	34.	4
1,1,2,2-Tetrachloroethane	ND		ug/kg	140	43.	4
Benzene	ND		ug/kg	140	28.	4
Toluene	ND		ug/kg	220	28.	4
Ethylbenzene	ND		ug/kg	140	25.	4
Chloromethane	ND		ug/kg	730	63.	4
Bromomethane	ND		ug/kg	290	49.	4
Vinyl chloride	ND		ug/kg	290	46.	4
Chloroethane	ND		ug/kg	290	46.	4
1,1-Dichloroethene	ND		ug/kg	140	54.	4
trans-1,2-Dichloroethene	ND		ug/kg	220	35.	4
Trichloroethene	ND		ug/kg	140	44.	4
1,2-Dichlorobenzene	160	J	ug/kg	730	26.	4

Project Name: TETRA TECH ISS **Lab Number:** L1746224

Project Number: 10017 **Report Date:** 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-03 D Date Collected: 12/13/17 13:00

Client ID: ISS#3A Date Received: 12/14/17

Sample Location: MIDDLE RIVER, MD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	730	32.	4
1,4-Dichlorobenzene	210	J	ug/kg	730	26.	4
Methyl tert butyl ether	ND		ug/kg	290	22.	4
p/m-Xylene	ND		ug/kg	290	51.	4
o-Xylene	ND		ug/kg	290	49.	4
Xylenes, Total	ND		ug/kg	290	49.	4
cis-1,2-Dichloroethene	ND		ug/kg	140	50.	4
1,2-Dichloroethene, Total	ND		ug/kg	140	35.	4
Dibromomethane	ND		ug/kg	1400	35.	4
1,4-Dichlorobutane	ND		ug/kg	1400	24.	4
1,2,3-Trichloropropane	ND		ug/kg	1400	26.	4
Styrene	ND		ug/kg	290	58.	4
Dichlorodifluoromethane	ND		ug/kg	1400	73.	4
Acetone	ND		ug/kg	5200	330	4
Carbon disulfide	ND		ug/kg	1400	160	4
2-Butanone	ND		ug/kg	1400	100	4
Vinyl acetate	ND		ug/kg	1400	22.	4
4-Methyl-2-pentanone	ND		ug/kg	1400	35.	4
2-Hexanone	ND		ug/kg	1400	97.	4
Ethyl methacrylate	ND		ug/kg	1400	24.	4
Acrylonitrile	ND		ug/kg	580	75.	4
Bromochloromethane	ND		ug/kg	730	52.	4
Tetrahydrofuran	ND		ug/kg	2900	140	4
2,2-Dichloropropane	ND		ug/kg	730	65.	4
1,2-Dibromoethane	ND		ug/kg	580	29.	4
1,3-Dichloropropane	ND		ug/kg	730	27.	4
1,1,1,2-Tetrachloroethane	ND		ug/kg	140	46.	4
Bromobenzene	ND		ug/kg	730	32.	4
n-Butylbenzene	ND		ug/kg	140	33.	4
sec-Butylbenzene	ND		ug/kg	140	32.	4
tert-Butylbenzene	ND		ug/kg	730	36.	4
o-Chlorotoluene	ND		ug/kg	730	32.	4
p-Chlorotoluene	ND		ug/kg	730	27.	4
1,2-Dibromo-3-chloropropane	ND		ug/kg	730	58.	4
Hexachlorobutadiene	ND		ug/kg	730	51.	4
Isopropylbenzene	ND		ug/kg	140	28.	4
p-Isopropyltoluene	ND		ug/kg	140	29.	4
Naphthalene	ND		ug/kg	730	20.	4
n-Propylbenzene	ND		ug/kg	140	31.	4

Project Name: TETRA TECH ISS **Lab Number:** L1746224

Project Number: 10017 **Report Date:** 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-03 D Date Collected: 12/13/17 13:00

Client ID: ISS#3A Date Received: 12/14/17

Sample Location: MIDDLE RIVER, MD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	7400		ug/kg	730	36.	4
1,2,4-Trichlorobenzene	32000		ug/kg	730	31.	4
1,3,5-Trimethylbenzene	ND		ug/kg	730	23.	4
1,2,4-Trimethylbenzene	ND		ug/kg	730	27.	4
trans-1,4-Dichloro-2-butene	ND		ug/kg	730	57.	4
Ethyl ether	ND		ug/kg	730	38.	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	100		70-130

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-04 D
Client ID: ISS#3B
Sample Location: MIDDLE RIVER, MD

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/17 12:08
Analyst: JC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	59000	9800	200
1,1-Dichloroethane	ND		ug/kg	8900	1600	200
Chloroform	ND		ug/kg	8900	2200	200
Carbon tetrachloride	ND		ug/kg	5900	2000	200
1,2-Dichloropropane	ND		ug/kg	21000	1400	200
Dibromochloromethane	ND		ug/kg	5900	1000	200
1,1,2-Trichloroethane	ND		ug/kg	8900	1800	200
Tetrachloroethene	ND		ug/kg	5900	1800	200
Chlorobenzene	ND		ug/kg	5900	2100	200
Trichlorofluoromethane	ND		ug/kg	30000	2500	200
1,2-Dichloroethane	ND		ug/kg	5900	1400	200
1,1,1-Trichloroethane	ND		ug/kg	5900	2100	200
Bromodichloromethane	ND		ug/kg	5900	1800	200
trans-1,3-Dichloropropene	ND		ug/kg	5900	1200	200
cis-1,3-Dichloropropene	ND		ug/kg	5900	1400	200
1,3-Dichloropropene, Total	ND		ug/kg	5900	1200	200
1,1-Dichloropropene	ND		ug/kg	30000	1900	200
Bromoform	ND		ug/kg	24000	1400	200
1,1,2,2-Tetrachloroethane	ND		ug/kg	5900	1800	200
Benzene	ND		ug/kg	5900	1100	200
Toluene	ND		ug/kg	8900	1200	200
Ethylbenzene	ND		ug/kg	5900	1000	200
Chloromethane	ND		ug/kg	30000	2600	200
Bromomethane	ND		ug/kg	12000	2000	200
Vinyl chloride	ND		ug/kg	12000	1900	200
Chloroethane	ND		ug/kg	12000	1900	200
1,1-Dichloroethene	ND		ug/kg	5900	2200	200
trans-1,2-Dichloroethene	ND		ug/kg	8900	1400	200
Trichloroethene	ND		ug/kg	5900	1800	200
1,2-Dichlorobenzene	4900	J	ug/kg	30000	1100	200

Project Name: TETRA TECH ISS **Lab Number:** L1746224

Project Number: 10017 **Report Date:** 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-04 D Date Collected: 12/13/17 13:00

Client ID: ISS#3B Date Received: 12/14/17

Sample Location: MIDDLE RIVER, MD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	30000	1300	200
1,4-Dichlorobenzene	7000	J	ug/kg	30000	1100	200
Methyl tert butyl ether	ND		ug/kg	12000	900	200
p/m-Xylene	ND		ug/kg	12000	2100	200
o-Xylene	ND		ug/kg	12000	2000	200
Xylenes, Total	ND		ug/kg	12000	2000	200
cis-1,2-Dichloroethene	ND		ug/kg	5900	2000	200
1,2-Dichloroethene, Total	ND		ug/kg	5900	1400	200
Dibromomethane	ND		ug/kg	59000	1400	200
1,4-Dichlorobutane	ND		ug/kg	59000	970	200
1,2,3-Trichloropropane	ND		ug/kg	59000	1000	200
Styrene	ND		ug/kg	12000	2400	200
Dichlorodifluoromethane	ND		ug/kg	59000	3000	200
Acetone	ND		ug/kg	210000	14000	200
Carbon disulfide	ND		ug/kg	59000	6500	200
2-Butanone	ND		ug/kg	59000	4100	200
Vinyl acetate	ND		ug/kg	59000	900	200
4-Methyl-2-pentanone	ND		ug/kg	59000	1400	200
2-Hexanone	ND		ug/kg	59000	3900	200
Ethyl methacrylate	ND		ug/kg	59000	990	200
Acrylonitrile	ND		ug/kg	24000	3000	200
Bromochloromethane	ND		ug/kg	30000	2100	200
Tetrahydrofuran	ND		ug/kg	120000	5900	200
2,2-Dichloropropane	ND		ug/kg	30000	2700	200
1,2-Dibromoethane	ND		ug/kg	24000	1200	200
1,3-Dichloropropane	ND		ug/kg	30000	1100	200
1,1,1,2-Tetrachloroethane	ND		ug/kg	5900	1900	200
Bromobenzene	ND		ug/kg	30000	1300	200
n-Butylbenzene	ND		ug/kg	5900	1400	200
sec-Butylbenzene	ND		ug/kg	5900	1300	200
tert-Butylbenzene	ND		ug/kg	30000	1500	200
o-Chlorotoluene	ND		ug/kg	30000	1300	200
p-Chlorotoluene	ND		ug/kg	30000	1100	200
1,2-Dibromo-3-chloropropane	ND		ug/kg	30000	2300	200
Hexachlorobutadiene	ND		ug/kg	30000	2100	200
Isopropylbenzene	ND		ug/kg	5900	1100	200
p-Isopropyltoluene	ND		ug/kg	5900	1200	200
Naphthalene	ND		ug/kg	30000	820	200
n-Propylbenzene	ND		ug/kg	5900	1300	200

Project Name: TETRA TECH ISS
Lab Number: L1746224
Project Number: 10017
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-04 D
Client ID: ISS#3B
Sample Location: MIDDLE RIVER, MD
Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	120000		ug/kg	30000	1500	200
1,2,4-Trichlorobenzene	590000		ug/kg	30000	1300	200
1,3,5-Trimethylbenzene	ND		ug/kg	30000	950	200
1,2,4-Trimethylbenzene	ND		ug/kg	30000	1100	200
trans-1,4-Dichloro-2-butene	ND		ug/kg	30000	2300	200
Ethyl ether	ND		ug/kg	30000	1500	200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	102		70-130

Project Name: TETRA TECH ISS
Lab Number: L1746224
Project Number: 10017
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-05 D
Client ID: ISS#4A
Sample Location: MIDDLE RIVER, MD

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/21/17 10:43
Analyst: JC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	110000	18000	400
1,1-Dichloroethane	ND		ug/kg	16000	2900	400
Chloroform	ND		ug/kg	16000	4000	400
Carbon tetrachloride	ND		ug/kg	11000	3800	400
1,2-Dichloropropane	ND		ug/kg	38000	2500	400
Dibromochloromethane	ND		ug/kg	11000	1900	400
1,1,2-Trichloroethane	ND		ug/kg	16000	3400	400
Tetrachloroethene	ND		ug/kg	11000	3300	400
Chlorobenzene	ND		ug/kg	11000	3800	400
Trichlorofluoromethane	ND		ug/kg	54000	4500	400
1,2-Dichloroethane	ND		ug/kg	11000	2700	400
1,1,1-Trichloroethane	ND		ug/kg	11000	3800	400
Bromodichloromethane	ND		ug/kg	11000	3400	400
trans-1,3-Dichloropropene	ND		ug/kg	11000	2300	400
cis-1,3-Dichloropropene	ND		ug/kg	11000	2500	400
1,3-Dichloropropene, Total	ND		ug/kg	11000	2300	400
1,1-Dichloropropene	ND		ug/kg	54000	3600	400
Bromoform	ND		ug/kg	44000	2600	400
1,1,2,2-Tetrachloroethane	ND		ug/kg	11000	3200	400
Benzene	ND		ug/kg	11000	2100	400
Toluene	ND		ug/kg	16000	2100	400
Ethylbenzene	ND		ug/kg	11000	1800	400
Chloromethane	ND		ug/kg	54000	4800	400
Bromomethane	ND		ug/kg	22000	3700	400
Vinyl chloride	ND		ug/kg	22000	3400	400
Chloroethane	ND		ug/kg	22000	3400	400
1,1-Dichloroethene	ND		ug/kg	11000	4000	400
trans-1,2-Dichloroethene	ND		ug/kg	16000	2600	400
Trichloroethene	ND		ug/kg	11000	3300	400
1,2-Dichlorobenzene	21000	J	ug/kg	54000	2000	400

Project Name: TETRA TECH ISS **Lab Number:** L1746224

Project Number: 10017 **Report Date:** 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-05 D Date Collected: 12/13/17 13:00

Client ID: ISS#4A Date Received: 12/14/17

Sample Location: MIDDLE RIVER, MD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	54000	2400	400
1,4-Dichlorobenzene	27000	J	ug/kg	54000	2000	400
Methyl tert butyl ether	ND		ug/kg	22000	1700	400
p/m-Xylene	ND		ug/kg	22000	3800	400
o-Xylene	ND		ug/kg	22000	3700	400
Xylenes, Total	ND		ug/kg	22000	3700	400
cis-1,2-Dichloroethene	ND		ug/kg	11000	3700	400
1,2-Dichloroethene, Total	ND		ug/kg	11000	2600	400
Dibromomethane	ND		ug/kg	110000	2600	400
1,4-Dichlorobutane	ND		ug/kg	110000	1800	400
1,2,3-Trichloropropane	ND		ug/kg	110000	1900	400
Styrene	ND		ug/kg	22000	4400	400
Dichlorodifluoromethane	ND		ug/kg	110000	5400	400
Acetone	ND		ug/kg	390000	25000	400
Carbon disulfide	ND		ug/kg	110000	12000	400
2-Butanone	ND		ug/kg	110000	7500	400
Vinyl acetate	ND		ug/kg	110000	1700	400
4-Methyl-2-pentanone	ND		ug/kg	110000	2600	400
2-Hexanone	ND		ug/kg	110000	7200	400
Ethyl methacrylate	ND		ug/kg	110000	1800	400
Acrylonitrile	ND		ug/kg	44000	5600	400
Bromochloromethane	ND		ug/kg	54000	3900	400
Tetrahydrofuran	ND		ug/kg	220000	11000	400
2,2-Dichloropropane	ND		ug/kg	54000	4900	400
1,2-Dibromoethane	ND		ug/kg	44000	2200	400
1,3-Dichloropropane	ND		ug/kg	54000	2000	400
1,1,1,2-Tetrachloroethane	ND		ug/kg	11000	3500	400
Bromobenzene	ND		ug/kg	54000	2400	400
n-Butylbenzene	ND		ug/kg	11000	2500	400
sec-Butylbenzene	ND		ug/kg	11000	2400	400
tert-Butylbenzene	ND		ug/kg	54000	2700	400
o-Chlorotoluene	ND		ug/kg	54000	2400	400
p-Chlorotoluene	ND		ug/kg	54000	2000	400
1,2-Dibromo-3-chloropropane	ND		ug/kg	54000	4300	400
Hexachlorobutadiene	ND		ug/kg	54000	3800	400
Isopropylbenzene	ND		ug/kg	11000	2100	400
p-Isopropyltoluene	ND		ug/kg	11000	2200	400
Naphthalene	2400	J	ug/kg	54000	1500	400
n-Propylbenzene	ND		ug/kg	11000	2300	400

Project Name: TETRA TECH ISS **Lab Number:** L1746224

Project Number: 10017 **Report Date:** 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-05 D Date Collected: 12/13/17 13:00

Client ID: ISS#4A Date Received: 12/14/17

Sample Location: MIDDLE RIVER, MD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	400000		ug/kg	54000	2700	400
1,2,4-Trichlorobenzene	2000000		ug/kg	54000	2300	400
1,3,5-Trimethylbenzene	ND		ug/kg	54000	1800	400
1,2,4-Trimethylbenzene	ND		ug/kg	54000	2000	400
trans-1,4-Dichloro-2-butene	ND		ug/kg	54000	4300	400
Ethyl ether	ND		ug/kg	54000	2800	400

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	108		70-130

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-06 D
Client ID: ISS#4B
Sample Location: MIDDLE RIVER, MD

Date Collected: 12/13/17 14:00
Date Received: 12/14/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/17 13:02
Analyst: MKS
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	19000	3100	50
1,1-Dichloroethane	ND		ug/kg	2800	510	50
Chloroform	ND		ug/kg	2800	700	50
Carbon tetrachloride	ND		ug/kg	1900	650	50
1,2-Dichloropropane	ND		ug/kg	6600	430	50
Dibromochloromethane	ND		ug/kg	1900	330	50
1,1,2-Trichloroethane	ND		ug/kg	2800	590	50
Tetrachloroethene	ND		ug/kg	1900	570	50
Chlorobenzene	ND		ug/kg	1900	660	50
Trichlorofluoromethane	ND		ug/kg	9500	790	50
1,2-Dichloroethane	ND		ug/kg	1900	460	50
1,1,1-Trichloroethane	ND		ug/kg	1900	660	50
Bromodichloromethane	ND		ug/kg	1900	580	50
trans-1,3-Dichloropropene	ND		ug/kg	1900	390	50
cis-1,3-Dichloropropene	ND		ug/kg	1900	440	50
1,3-Dichloropropene, Total	ND		ug/kg	1900	390	50
1,1-Dichloropropene	ND		ug/kg	9500	620	50
Bromoform	ND		ug/kg	7600	450	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	1900	560	50
Benzene	ND		ug/kg	1900	360	50
Toluene	ND		ug/kg	2800	370	50
Ethylbenzene	ND		ug/kg	1900	320	50
Chloromethane	ND		ug/kg	9500	820	50
Bromomethane	ND		ug/kg	3800	640	50
Vinyl chloride	ND		ug/kg	3800	600	50
Chloroethane	ND		ug/kg	3800	600	50
1,1-Dichloroethene	ND		ug/kg	1900	700	50
trans-1,2-Dichloroethene	ND		ug/kg	2800	460	50
Trichloroethene	ND		ug/kg	1900	570	50
1,2-Dichlorobenzene	2100	J	ug/kg	9500	340	50

Project Name: TETRA TECH ISS **Lab Number:** L1746224

Project Number: 10017 **Report Date:** 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-06 D Date Collected: 12/13/17 14:00

Client ID: ISS#4B Date Received: 12/14/17

Sample Location: MIDDLE RIVER, MD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	9500	410	50
1,4-Dichlorobenzene	2300	J	ug/kg	9500	340	50
Methyl tert butyl ether	ND		ug/kg	3800	290	50
p/m-Xylene	ND		ug/kg	3800	660	50
o-Xylene	ND		ug/kg	3800	640	50
Xylenes, Total	ND		ug/kg	3800	640	50
cis-1,2-Dichloroethene	ND		ug/kg	1900	650	50
1,2-Dichloroethene, Total	ND		ug/kg	1900	460	50
Dibromomethane	ND		ug/kg	19000	450	50
1,4-Dichlorobutane	ND		ug/kg	19000	310	50
1,2,3-Trichloropropane	ND		ug/kg	19000	340	50
Styrene	ND		ug/kg	3800	760	50
Dichlorodifluoromethane	ND		ug/kg	19000	950	50
Acetone	ND		ug/kg	68000	4300	50
Carbon disulfide	ND		ug/kg	19000	2100	50
2-Butanone	ND		ug/kg	19000	1300	50
Vinyl acetate	ND		ug/kg	19000	290	50
4-Methyl-2-pentanone	ND		ug/kg	19000	460	50
2-Hexanone	ND		ug/kg	19000	1300	50
Ethyl methacrylate	ND		ug/kg	19000	320	50
Acrylonitrile	ND		ug/kg	7600	970	50
Bromochloromethane	ND		ug/kg	9500	680	50
Tetrahydrofuran	ND		ug/kg	38000	1900	50
2,2-Dichloropropane	ND		ug/kg	9500	850	50
1,2-Dibromoethane	ND		ug/kg	7600	380	50
1,3-Dichloropropane	ND		ug/kg	9500	350	50
1,1,1,2-Tetrachloroethane	ND		ug/kg	1900	600	50
Bromobenzene	ND		ug/kg	9500	410	50
n-Butylbenzene	ND		ug/kg	1900	430	50
sec-Butylbenzene	ND		ug/kg	1900	410	50
tert-Butylbenzene	ND		ug/kg	9500	470	50
o-Chlorotoluene	ND		ug/kg	9500	420	50
p-Chlorotoluene	ND		ug/kg	9500	350	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	9500	750	50
Hexachlorobutadiene	ND		ug/kg	9500	660	50
Isopropylbenzene	ND		ug/kg	1900	370	50
p-Isopropyltoluene	ND		ug/kg	1900	380	50
Naphthalene	630	J	ug/kg	9500	260	50
n-Propylbenzene	ND		ug/kg	1900	410	50

Project Name: TETRA TECH ISS
Lab Number: L1746224
Project Number: 10017
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-06 D
Client ID: ISS#4B
Sample Location: MIDDLE RIVER, MD
Date Collected: 12/13/17 14:00
Date Received: 12/14/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	76000		ug/kg	9500	480	50
1,2,4-Trichlorobenzene	350000		ug/kg	9500	410	50
1,3,5-Trimethylbenzene	ND		ug/kg	9500	300	50
1,2,4-Trimethylbenzene	ND		ug/kg	9500	350	50
trans-1,4-Dichloro-2-butene	ND		ug/kg	9500	740	50
Ethyl ether	ND		ug/kg	9500	490	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	104		70-130

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-07 D
Client ID: ISS#5A
Sample Location: MIDDLE RIVER, MD
Date Collected: 12/13/17 14:00
Date Received: 12/14/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/17 13:29
Analyst: MKS
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	33000	5400	100
1,1-Dichloroethane	ND		ug/kg	4900	890	100
Chloroform	ND		ug/kg	4900	1200	100
Carbon tetrachloride	ND		ug/kg	3300	1100	100
1,2-Dichloropropane	ND		ug/kg	12000	750	100
Dibromochloromethane	ND		ug/kg	3300	580	100
1,1,2-Trichloroethane	ND		ug/kg	4900	1000	100
Tetrachloroethene	ND		ug/kg	3300	1000	100
Chlorobenzene	ND		ug/kg	3300	1100	100
Trichlorofluoromethane	ND		ug/kg	16000	1400	100
1,2-Dichloroethane	ND		ug/kg	3300	810	100
1,1,1-Trichloroethane	ND		ug/kg	3300	1200	100
Bromodichloromethane	ND		ug/kg	3300	1000	100
trans-1,3-Dichloropropene	ND		ug/kg	3300	690	100
cis-1,3-Dichloropropene	ND		ug/kg	3300	760	100
1,3-Dichloropropene, Total	ND		ug/kg	3300	690	100
1,1-Dichloropropene	ND		ug/kg	16000	1100	100
Bromoform	ND		ug/kg	13000	780	100
1,1,2,2-Tetrachloroethane	ND		ug/kg	3300	980	100
Benzene	ND		ug/kg	3300	640	100
Toluene	ND		ug/kg	4900	640	100
Ethylbenzene	ND		ug/kg	3300	560	100
Chloromethane	ND		ug/kg	16000	1400	100
Bromomethane	ND		ug/kg	6600	1100	100
Vinyl chloride	ND		ug/kg	6600	1000	100
Chloroethane	ND		ug/kg	6600	1000	100
1,1-Dichloroethene	ND		ug/kg	3300	1200	100
trans-1,2-Dichloroethene	ND		ug/kg	4900	800	100
Trichloroethene	ND		ug/kg	3300	1000	100
1,2-Dichlorobenzene	5000	J	ug/kg	16000	600	100

Project Name: TETRA TECH ISS **Lab Number:** L1746224

Project Number: 10017 **Report Date:** 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-07 D Date Collected: 12/13/17 14:00

Client ID: ISS#5A Date Received: 12/14/17

Sample Location: MIDDLE RIVER, MD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	16000	720	100
1,4-Dichlorobenzene	5500	J	ug/kg	16000	600	100
Methyl tert butyl ether	ND		ug/kg	6600	500	100
p/m-Xylene	ND		ug/kg	6600	1200	100
o-Xylene	ND		ug/kg	6600	1100	100
Xylenes, Total	ND		ug/kg	6600	1100	100
cis-1,2-Dichloroethene	ND		ug/kg	3300	1100	100
1,2-Dichloroethene, Total	ND		ug/kg	3300	800	100
Dibromomethane	ND		ug/kg	33000	790	100
1,4-Dichlorobutane	ND		ug/kg	33000	540	100
1,2,3-Trichloropropane	ND		ug/kg	33000	580	100
Styrene	ND		ug/kg	6600	1300	100
Dichlorodifluoromethane	ND		ug/kg	33000	1600	100
Acetone	ND		ug/kg	120000	7600	100
Carbon disulfide	ND		ug/kg	33000	3600	100
2-Butanone	ND		ug/kg	33000	2300	100
Vinyl acetate	ND		ug/kg	33000	500	100
4-Methyl-2-pentanone	ND		ug/kg	33000	800	100
2-Hexanone	ND		ug/kg	33000	2200	100
Ethyl methacrylate	ND		ug/kg	33000	550	100
Acrylonitrile	ND		ug/kg	13000	1700	100
Bromochloromethane	ND		ug/kg	16000	1200	100
Tetrahydrofuran	ND		ug/kg	66000	3300	100
2,2-Dichloropropane	ND		ug/kg	16000	1500	100
1,2-Dibromoethane	ND		ug/kg	13000	660	100
1,3-Dichloropropane	ND		ug/kg	16000	600	100
1,1,1,2-Tetrachloroethane	ND		ug/kg	3300	1000	100
Bromobenzene	ND		ug/kg	16000	720	100
n-Butylbenzene	ND		ug/kg	3300	750	100
sec-Butylbenzene	ND		ug/kg	3300	720	100
tert-Butylbenzene	ND		ug/kg	16000	810	100
o-Chlorotoluene	ND		ug/kg	16000	730	100
p-Chlorotoluene	ND		ug/kg	16000	600	100
1,2-Dibromo-3-chloropropane	ND		ug/kg	16000	1300	100
Hexachlorobutadiene	ND		ug/kg	16000	1100	100
Isopropylbenzene	ND		ug/kg	3300	640	100
p-Isopropyltoluene	ND		ug/kg	3300	670	100
Naphthalene	ND		ug/kg	16000	460	100
n-Propylbenzene	ND		ug/kg	3300	710	100

Project Name: TETRA TECH ISS **Lab Number:** L1746224

Project Number: 10017 **Report Date:** 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-07 D Date Collected: 12/13/17 14:00

Client ID: ISS#5A Date Received: 12/14/17

Sample Location: MIDDLE RIVER, MD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	140000		ug/kg	16000	830	100
1,2,4-Trichlorobenzene	680000		ug/kg	16000	710	100
1,3,5-Trimethylbenzene	ND		ug/kg	16000	530	100
1,2,4-Trimethylbenzene	ND		ug/kg	16000	610	100
trans-1,4-Dichloro-2-butene	ND		ug/kg	16000	1300	100
Ethyl ether	ND		ug/kg	16000	860	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	101		70-130

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-08 D
Client ID: ISS#5B
Sample Location: MIDDLE RIVER, MD
Date Collected: 12/13/17 14:00
Date Received: 12/14/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/17 13:56
Analyst: MKS
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	3100	510	10
1,1-Dichloroethane	ND		ug/kg	470	84.	10
Chloroform	ND		ug/kg	470	120	10
Carbon tetrachloride	ND		ug/kg	310	110	10
1,2-Dichloropropane	ND		ug/kg	1100	71.	10
Dibromochloromethane	ND		ug/kg	310	55.	10
1,1,2-Trichloroethane	ND		ug/kg	470	97.	10
Tetrachloroethene	ND		ug/kg	310	94.	10
Chlorobenzene	ND		ug/kg	310	110	10
Trichlorofluoromethane	ND		ug/kg	1600	130	10
1,2-Dichloroethane	ND		ug/kg	310	77.	10
1,1,1-Trichloroethane	ND		ug/kg	310	110	10
Bromodichloromethane	ND		ug/kg	310	96.	10
trans-1,3-Dichloropropene	ND		ug/kg	310	65.	10
cis-1,3-Dichloropropene	ND		ug/kg	310	72.	10
1,3-Dichloropropene, Total	ND		ug/kg	310	65.	10
1,1-Dichloropropene	ND		ug/kg	1600	100	10
Bromoform	ND		ug/kg	1200	74.	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	310	93.	10
Benzene	ND		ug/kg	310	60.	10
Toluene	ND		ug/kg	470	61.	10
Ethylbenzene	ND		ug/kg	310	53.	10
Chloromethane	ND		ug/kg	1600	140	10
Bromomethane	ND		ug/kg	620	100	10
Vinyl chloride	ND		ug/kg	620	98.	10
Chloroethane	ND		ug/kg	620	98.	10
1,1-Dichloroethene	ND		ug/kg	310	120	10
trans-1,2-Dichloroethene	ND		ug/kg	470	75.	10
Trichloroethene	ND		ug/kg	310	94.	10
1,2-Dichlorobenzene	280	J	ug/kg	1600	57.	10

Project Name: TETRA TECH ISS **Lab Number:** L1746224

Project Number: 10017 **Report Date:** 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-08 D Date Collected: 12/13/17 14:00

Client ID: ISS#5B Date Received: 12/14/17

Sample Location: MIDDLE RIVER, MD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1600	68.	10
1,4-Dichlorobenzene	300	J	ug/kg	1600	57.	10
Methyl tert butyl ether	ND		ug/kg	620	48.	10
p/m-Xylene	ND		ug/kg	620	110	10
o-Xylene	ND		ug/kg	620	100	10
Xylenes, Total	ND		ug/kg	620	100	10
cis-1,2-Dichloroethene	ND		ug/kg	310	110	10
1,2-Dichloroethene, Total	ND		ug/kg	310	75.	10
Dibromomethane	ND		ug/kg	3100	74.	10
1,4-Dichlorobutane	ND		ug/kg	3100	51.	10
1,2,3-Trichloropropane	ND		ug/kg	3100	55.	10
Styrene	ND		ug/kg	620	120	10
Dichlorodifluoromethane	ND		ug/kg	3100	160	10
Acetone	ND		ug/kg	11000	710	10
Carbon disulfide	ND		ug/kg	3100	340	10
2-Butanone	ND		ug/kg	3100	210	10
Vinyl acetate	ND		ug/kg	3100	48.	10
4-Methyl-2-pentanone	ND		ug/kg	3100	76.	10
2-Hexanone	ND		ug/kg	3100	210	10
Ethyl methacrylate	ND		ug/kg	3100	52.	10
Acrylonitrile	ND		ug/kg	1200	160	10
Bromochloromethane	ND		ug/kg	1600	110	10
Tetrahydrofuran	ND		ug/kg	6200	310	10
2,2-Dichloropropane	ND		ug/kg	1600	140	10
1,2-Dibromoethane	ND		ug/kg	1200	62.	10
1,3-Dichloropropane	ND		ug/kg	1600	57.	10
1,1,1,2-Tetrachloroethane	ND		ug/kg	310	99.	10
Bromobenzene	ND		ug/kg	1600	68.	10
n-Butylbenzene	ND		ug/kg	310	71.	10
sec-Butylbenzene	ND		ug/kg	310	68.	10
tert-Butylbenzene	ND		ug/kg	1600	77.	10
o-Chlorotoluene	ND		ug/kg	1600	69.	10
p-Chlorotoluene	ND		ug/kg	1600	57.	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	1600	120	10
Hexachlorobutadiene	ND		ug/kg	1600	110	10
Isopropylbenzene	ND		ug/kg	310	60.	10
p-Isopropyltoluene	ND		ug/kg	310	63.	10
Naphthalene	ND		ug/kg	1600	43.	10
n-Propylbenzene	ND		ug/kg	310	67.	10

Project Name: TETRA TECH ISS **Lab Number:** L1746224

Project Number: 10017 **Report Date:** 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-08 D Date Collected: 12/13/17 14:00

Client ID: ISS#5B Date Received: 12/14/17

Sample Location: MIDDLE RIVER, MD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	8600		ug/kg	1600	78.	10
1,2,4-Trichlorobenzene	35000		ug/kg	1600	67.	10
1,3,5-Trimethylbenzene	ND		ug/kg	1600	50.	10
1,2,4-Trimethylbenzene	ND		ug/kg	1600	58.	10
trans-1,4-Dichloro-2-butene	ND		ug/kg	1600	120	10
Ethyl ether	ND		ug/kg	1600	81.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	102		70-130

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-09
Client ID: IWE-03
Sample Location: MIDDLE RIVER, MD

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/20/17 15:15
Analyst: BD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.68	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	ND		ug/l	0.75	0.22	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.8	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.24	1
Bromoform	ND		ug/l	2.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.20	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	ND		ug/l	2.5	0.20	1
Bromomethane	ND		ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Trichloroethene	ND		ug/l	0.50	0.18	1

Project Name: TETRA TECH ISS **Lab Number:** L1746224

Project Number: 10017 **Report Date:** 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-09 Date Collected: 12/13/17 13:00

Client ID: IWE-03 Date Received: 12/14/17

Sample Location: MIDDLE RIVER, MD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.39	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	5.0	0.36	1
1,4-Dichlorobutane	ND		ug/l	5.0	0.46	1
1,2,3-Trichloropropane	ND		ug/l	5.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	0.31	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Ethyl methacrylate	ND		ug/l	5.0	0.61	1
Acrylonitrile	ND		ug/l	5.0	0.43	1
Bromochloromethane	ND		ug/l	2.5	0.15	1
Tetrahydrofuran	28		ug/l	5.0	0.83	1
2,2-Dichloropropane	ND		ug/l	2.5	0.20	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
1,3-Dichloropropane	ND		ug/l	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	2.5	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	2.5	0.20	1
o-Chlorotoluene	ND		ug/l	2.5	0.22	1
p-Chlorotoluene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.35	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1
Naphthalene	ND		ug/l	2.5	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1

Project Name: TETRA TECH ISS
Lab Number: L1746224
Project Number: 10017
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-09
Client ID: IWE-03
Sample Location: MIDDLE RIVER, MD
Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.22	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.19	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.21	1
Ethyl ether	ND		ug/l	2.5	0.16	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	104		70-130

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/21/17 08:00
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02,05 Batch: WG1074986-10					
Methylene chloride	ND		ug/kg	500	82.
1,1-Dichloroethane	ND		ug/kg	75	14.
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	17.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	8.8
1,1,2-Trichloroethane	ND		ug/kg	75	16.
2-Chloroethylvinyl ether	ND		ug/kg	1000	31.
Tetrachloroethene	ND		ug/kg	50	15.
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	21.
1,2-Dichloroethane	ND		ug/kg	50	12.
1,1,1-Trichloroethane	ND		ug/kg	50	18.
Bromodichloromethane	ND		ug/kg	50	15.
trans-1,3-Dichloropropene	ND		ug/kg	50	10.
cis-1,3-Dichloropropene	ND		ug/kg	50	12.
1,3-Dichloropropene, Total	ND		ug/kg	50	10.
1,1-Dichloropropene	ND		ug/kg	250	16.
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	15.
Benzene	ND		ug/kg	50	9.6
Toluene	ND		ug/kg	75	9.8
Ethylbenzene	ND		ug/kg	50	8.5
Chloromethane	ND		ug/kg	250	22.
Bromomethane	30	J	ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	16.
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	19.
trans-1,2-Dichloroethene	ND		ug/kg	75	12.

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/21/17 08:00
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02,05 Batch: WG1074986-10					
Trichloroethene	ND		ug/kg	50	15.
1,2-Dichlorobenzene	ND		ug/kg	250	9.1
1,3-Dichlorobenzene	ND		ug/kg	250	11.
1,4-Dichlorobenzene	ND		ug/kg	250	9.1
Methyl tert butyl ether	ND		ug/kg	100	7.6
p/m-Xylene	ND		ug/kg	100	18.
o-Xylene	ND		ug/kg	100	17.
Xylenes, Total	ND		ug/kg	100	17.
cis-1,2-Dichloroethene	ND		ug/kg	50	17.
1,2-Dichloroethene, Total	ND		ug/kg	50	12.
Dibromomethane	ND		ug/kg	500	12.
1,4-Dichlorobutane	ND		ug/kg	500	8.2
1,2,3-Trichloropropane	ND		ug/kg	500	8.8
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	25.
Acetone	ND		ug/kg	1800	110
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	34.
Vinyl acetate	ND		ug/kg	500	7.6
4-Methyl-2-pentanone	ND		ug/kg	500	12.
2-Hexanone	ND		ug/kg	500	33.
Ethyl methacrylate	ND		ug/kg	500	8.4
Acrolein	ND		ug/kg	1200	400
Acrylonitrile	ND		ug/kg	200	26.
Bromochloromethane	ND		ug/kg	250	18.
Tetrahydrofuran	ND		ug/kg	1000	50.
2,2-Dichloropropane	ND		ug/kg	250	22.
1,2-Dibromoethane	ND		ug/kg	200	10.
1,3-Dichloropropane	ND		ug/kg	250	9.2

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/21/17 08:00
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02,05 Batch: WG1074986-10					
1,1,1,2-Tetrachloroethane	ND		ug/kg	50	16.
Bromobenzene	ND		ug/kg	250	11.
n-Butylbenzene	ND		ug/kg	50	11.
sec-Butylbenzene	ND		ug/kg	50	11.
tert-Butylbenzene	ND		ug/kg	250	12.
1,3,5-Trichlorobenzene	ND		ug/kg	200	12.
o-Chlorotoluene	ND		ug/kg	250	11.
p-Chlorotoluene	ND		ug/kg	250	9.2
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Hexachlorobutadiene	ND		ug/kg	250	17.
Isopropylbenzene	ND		ug/kg	50	9.7
p-Isopropyltoluene	ND		ug/kg	50	10.
Naphthalene	ND		ug/kg	250	6.9
n-Propylbenzene	ND		ug/kg	50	11.
1,2,3-Trichlorobenzene	ND		ug/kg	250	12.
1,2,4-Trichlorobenzene	ND		ug/kg	250	11.
1,3,5-Trimethylbenzene	ND		ug/kg	250	8.0
1,2,4-Trimethylbenzene	ND		ug/kg	250	9.3
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	20.
Halothane	ND		ug/kg	2000	8.1
Ethyl ether	ND		ug/kg	250	13.
Methyl Acetate	ND		ug/kg	1000	23.
Ethyl Acetate	ND		ug/kg	1000	100
Isopropyl Ether	ND		ug/kg	200	14.
Cyclohexane	ND		ug/kg	1000	22.
Tert-Butyl Alcohol	ND		ug/kg	5000	150
Ethyl-Tert-Butyl-Ether	ND		ug/kg	200	8.9
Tertiary-Amyl Methyl Ether	ND		ug/kg	200	12.
1,4-Dioxane	ND		ug/kg	2000	720

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/21/17 08:00
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02,05 Batch: WG1074986-10					
Methyl cyclohexane	ND		ug/kg	200	12.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	1000	26.
p-Diethylbenzene	ND		ug/kg	200	200
4-Ethyltoluene	ND		ug/kg	200	12.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	200	7.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	104		70-130

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/17 08:46
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01,03-04,06-08 Batch: WG1074986-5					
Methylene chloride	ND		ug/kg	500	82.
1,1-Dichloroethane	ND		ug/kg	75	14.
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	17.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	8.8
1,1,2-Trichloroethane	ND		ug/kg	75	16.
2-Chloroethylvinyl ether	ND		ug/kg	1000	31.
Tetrachloroethene	ND		ug/kg	50	15.
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	21.
1,2-Dichloroethane	ND		ug/kg	50	12.
1,1,1-Trichloroethane	ND		ug/kg	50	18.
Bromodichloromethane	ND		ug/kg	50	15.
trans-1,3-Dichloropropene	ND		ug/kg	50	10.
cis-1,3-Dichloropropene	ND		ug/kg	50	12.
1,3-Dichloropropene, Total	ND		ug/kg	50	10.
1,1-Dichloropropene	ND		ug/kg	250	16.
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	15.
Benzene	ND		ug/kg	50	9.6
Toluene	ND		ug/kg	75	9.8
Ethylbenzene	ND		ug/kg	50	8.5
Chloromethane	ND		ug/kg	250	22.
Bromomethane	ND		ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	16.
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	19.
trans-1,2-Dichloroethene	ND		ug/kg	75	12.

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/17 08:46
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01,03-04,06-08 Batch: WG1074986-5					
Trichloroethene	ND		ug/kg	50	15.
1,2-Dichlorobenzene	ND		ug/kg	250	9.1
1,3-Dichlorobenzene	ND		ug/kg	250	11.
1,4-Dichlorobenzene	ND		ug/kg	250	9.1
Methyl tert butyl ether	ND		ug/kg	100	7.6
p/m-Xylene	ND		ug/kg	100	18.
o-Xylene	ND		ug/kg	100	17.
Xylenes, Total	ND		ug/kg	100	17.
cis-1,2-Dichloroethene	ND		ug/kg	50	17.
1,2-Dichloroethene, Total	ND		ug/kg	50	12.
Dibromomethane	ND		ug/kg	500	12.
1,4-Dichlorobutane	ND		ug/kg	500	8.2
1,2,3-Trichloropropane	ND		ug/kg	500	8.8
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	25.
Acetone	150	J	ug/kg	1800	110
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	34.
Vinyl acetate	ND		ug/kg	500	7.6
4-Methyl-2-pentanone	ND		ug/kg	500	12.
2-Hexanone	ND		ug/kg	500	33.
Ethyl methacrylate	ND		ug/kg	500	8.4
Acrolein	ND		ug/kg	1200	400
Acrylonitrile	ND		ug/kg	200	26.
Bromochloromethane	ND		ug/kg	250	18.
Tetrahydrofuran	ND		ug/kg	1000	50.
2,2-Dichloropropane	ND		ug/kg	250	22.
1,2-Dibromoethane	ND		ug/kg	200	10.
1,3-Dichloropropane	ND		ug/kg	250	9.2

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/17 08:46
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01,03-04,06-08 Batch: WG1074986-5					
1,1,1,2-Tetrachloroethane	ND		ug/kg	50	16.
Bromobenzene	ND		ug/kg	250	11.
n-Butylbenzene	ND		ug/kg	50	11.
sec-Butylbenzene	ND		ug/kg	50	11.
tert-Butylbenzene	ND		ug/kg	250	12.
1,3,5-Trichlorobenzene	ND		ug/kg	200	12.
o-Chlorotoluene	ND		ug/kg	250	11.
p-Chlorotoluene	ND		ug/kg	250	9.2
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Hexachlorobutadiene	ND		ug/kg	250	17.
Isopropylbenzene	ND		ug/kg	50	9.7
p-Isopropyltoluene	ND		ug/kg	50	10.
Naphthalene	ND		ug/kg	250	6.9
n-Propylbenzene	ND		ug/kg	50	11.
1,2,3-Trichlorobenzene	ND		ug/kg	250	12.
1,2,4-Trichlorobenzene	ND		ug/kg	250	11.
1,3,5-Trimethylbenzene	ND		ug/kg	250	8.0
1,2,4-Trimethylbenzene	ND		ug/kg	250	9.3
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	20.
Halothane	ND		ug/kg	2000	8.1
Ethyl ether	ND		ug/kg	250	13.
Methyl Acetate	ND		ug/kg	1000	23.
Ethyl Acetate	ND		ug/kg	1000	100
Isopropyl Ether	ND		ug/kg	200	14.
Cyclohexane	ND		ug/kg	1000	22.
Tert-Butyl Alcohol	ND		ug/kg	5000	150
Ethyl-Tert-Butyl-Ether	ND		ug/kg	200	8.9
Tertiary-Amyl Methyl Ether	ND		ug/kg	200	12.
1,4-Dioxane	ND		ug/kg	2000	720

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/17 08:46
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01,03-04,06-08 Batch: WG1074986-5					
Methyl cyclohexane	ND		ug/kg	200	12.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	1000	26.
p-Diethylbenzene	ND		ug/kg	200	200
4-Ethyltoluene	ND		ug/kg	200	12.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	200	7.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	104		70-130

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/17 09:06
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1075087-5					
Methylene chloride	ND		ug/l	3.0	0.68
1,1-Dichloroethane	ND		ug/l	0.75	0.21
Chloroform	ND		ug/l	0.75	0.22
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.8	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
2-Chloroethylvinyl ether	ND		ug/l	10	0.40
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	0.50	0.18
Trichlorofluoromethane	ND		ug/l	2.5	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.24
Bromoform	ND		ug/l	2.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	0.75	0.20
Ethylbenzene	ND		ug/l	0.50	0.17
Chloromethane	ND		ug/l	2.5	0.20
Bromomethane	ND		ug/l	1.0	0.26
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	1.0	0.13
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/17 09:06
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1075087-5					
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19
Methyl tert butyl ether	ND		ug/l	1.0	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.39
Xylenes, Total	ND		ug/l	1.0	0.33
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
Dibromomethane	ND		ug/l	5.0	0.36
1,4-Dichlorobutane	ND		ug/l	5.0	0.46
Iodomethane	ND		ug/l	5.0	0.40
1,2,3-Trichloropropane	ND		ug/l	5.0	0.18
Styrene	ND		ug/l	1.0	0.36
Dichlorodifluoromethane	ND		ug/l	5.0	0.24
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	0.30
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	0.31
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
2-Hexanone	ND		ug/l	5.0	0.52
Ethyl methacrylate	ND		ug/l	5.0	0.61
Acrolein	ND		ug/l	5.0	0.44
Acrylonitrile	ND		ug/l	5.0	0.43
Bromochloromethane	ND		ug/l	2.5	0.15
Tetrahydrofuran	ND		ug/l	5.0	0.83
2,2-Dichloropropane	ND		ug/l	2.5	0.20
1,2-Dibromoethane	ND		ug/l	2.0	0.19

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/17 09:06
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1075087-5					
1,3-Dichloropropane	ND		ug/l	2.5	0.21
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16
Bromobenzene	ND		ug/l	2.5	0.15
n-Butylbenzene	ND		ug/l	0.50	0.19
sec-Butylbenzene	ND		ug/l	0.50	0.18
tert-Butylbenzene	ND		ug/l	2.5	0.20
o-Chlorotoluene	ND		ug/l	2.5	0.22
p-Chlorotoluene	ND		ug/l	2.5	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.35
Hexachlorobutadiene	0.82		ug/l	0.50	0.22
Isopropylbenzene	ND		ug/l	0.50	0.19
p-Isopropyltoluene	ND		ug/l	0.50	0.19
Naphthalene	ND		ug/l	2.5	0.22
n-Propylbenzene	ND		ug/l	0.50	0.17
1,2,3-Trichlorobenzene	0.35	J	ug/l	2.5	0.23
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.22
1,3,5-Trichlorobenzene	ND		ug/l	2.0	0.14
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.19
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.21
Halothane	ND		ug/l	2.5	0.29
Ethyl ether	ND		ug/l	2.5	0.16
Methyl Acetate	ND		ug/l	10	0.23
Ethyl Acetate	ND		ug/l	10	0.72
Isopropyl Ether	ND		ug/l	2.0	0.42
Cyclohexane	ND		ug/l	10	0.27
Tert-Butyl Alcohol	ND		ug/l	10	1.4
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	0.18
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28

Project Name: TETRA TECH ISS
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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/17 09:06
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1075087-5					
1,4-Dioxane	ND		ug/l	250	61.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	10	0.15
Methyl cyclohexane	ND		ug/l	10	0.40
p-Diethylbenzene	ND		ug/l	2.0	0.39
4-Ethyltoluene	ND		ug/l	2.0	0.34
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,03-04,06-08 Batch: WG1074986-3 WG1074986-4								
Methylene chloride	83		84		70-130	1		30
1,1-Dichloroethane	94		95		70-130	1		30
Chloroform	90		91		70-130	1		30
Carbon tetrachloride	96		100		70-130	4		30
1,2-Dichloropropane	87		91		70-130	4		30
Dibromochloromethane	89		93		70-130	4		30
1,1,2-Trichloroethane	89		94		70-130	5		30
2-Chloroethylvinyl ether	**60**	Q	**59**	Q	70-130	2		30
Tetrachloroethene	99		96		70-130	3		30
Chlorobenzene	88		87		70-130	1		30
Trichlorofluoromethane	92		89		70-139	3		30
1,2-Dichloroethane	94		99		70-130	5		30
1,1,1-Trichloroethane	97		97		70-130	0		30
Bromodichloromethane	85		89		70-130	5		30
trans-1,3-Dichloropropene	95		99		70-130	4		30
cis-1,3-Dichloropropene	84		87		70-130	4		30
1,1-Dichloropropene	91		93		70-130	2		30
Bromoform	86		92		70-130	7		30
1,1,2,2-Tetrachloroethane	88		90		70-130	2		30
Benzene	86		86		70-130	0		30
Toluene	93		93		70-130	0		30
Ethylbenzene	89		88		70-130	1		30
Chloromethane	112		108		52-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,03-04,06-08 Batch: WG1074986-3 WG1074986-4								
Bromomethane	88		84		57-147	5		30
Vinyl chloride	114		112		67-130	2		30
Chloroethane	100		102		50-151	2		30
1,1-Dichloroethene	96		95		65-135	1		30
trans-1,2-Dichloroethene	88		87		70-130	1		30
Trichloroethene	87		88		70-130	1		30
1,2-Dichlorobenzene	87		87		70-130	0		30
1,3-Dichlorobenzene	89		87		70-130	2		30
1,4-Dichlorobenzene	87		86		70-130	1		30
Methyl tert butyl ether	90		95		66-130	5		30
p/m-Xylene	87		87		70-130	0		30
o-Xylene	84		83		70-130	1		30
cis-1,2-Dichloroethene	85		85		70-130	0		30
Dibromomethane	82		87		70-130	6		30
1,4-Dichlorobutane	96		99		70-130	3		30
1,2,3-Trichloropropane	91		94		68-130	3		30
Styrene	82		81		70-130	1		30
Dichlorodifluoromethane	106		102		30-146	4		30
Acetone	108		107		54-140	1		30
Carbon disulfide	91		90		59-130	1		30
2-Butanone	91		103		70-130	12		30
Vinyl acetate	96		103		70-130	7		30
4-Methyl-2-pentanone	87		97		70-130	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,03-04,06-08 Batch: WG1074986-3 WG1074986-4								
2-Hexanone	90		96		70-130	6		30
Ethyl methacrylate	79		86		70-130	8		30
Acrolein	95		91		70-130	4		30
Acrylonitrile	90		98		70-130	9		30
Bromochloromethane	86		86		70-130	0		30
Tetrahydrofuran	88		97		66-130	10		30
2,2-Dichloropropane	101		101		70-130	0		30
1,2-Dibromoethane	88		92		70-130	4		30
1,3-Dichloropropane	89		94		69-130	5		30
1,1,1,2-Tetrachloroethane	90		90		70-130	0		30
Bromobenzene	90		91		70-130	1		30
n-Butylbenzene	94		92		70-130	2		30
sec-Butylbenzene	92		90		70-130	2		30
tert-Butylbenzene	89		87		70-130	2		30
1,3,5-Trichlorobenzene	88		88		70-139	0		30
o-Chlorotoluene	95		90		70-130	5		30
p-Chlorotoluene	92		92		70-130	0		30
1,2-Dibromo-3-chloropropane	79		89		68-130	12		30
Hexachlorobutadiene	94		98		67-130	4		30
Isopropylbenzene	90		90		70-130	0		30
p-Isopropyltoluene	88		87		70-130	1		30
Naphthalene	75		82		70-130	9		30
n-Propylbenzene	92		92		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,03-04,06-08 Batch: WG1074986-3 WG1074986-4								
1,2,3-Trichlorobenzene	84		89		70-130	6		30
1,2,4-Trichlorobenzene	87		88		70-130	1		30
1,3,5-Trimethylbenzene	89		88		70-130	1		30
1,2,4-Trimethylbenzene	89		88		70-130	1		30
trans-1,4-Dichloro-2-butene	96		106		70-130	10		30
Halothane	86		87		70-130	1		20
Ethyl ether	88		94		67-130	7		30
Methyl Acetate	98		102		65-130	4		30
Ethyl Acetate	95		100		70-130	5		30
Isopropyl Ether	97		98		66-130	1		30
Cyclohexane	96		96		70-130	0		30
Tert-Butyl Alcohol	83		92		70-130	10		30
Ethyl-Tert-Butyl-Ether	92		95		70-130	3		30
Tertiary-Amyl Methyl Ether	88		92		70-130	4		30
1,4-Dioxane	78		85		65-136	9		30
Methyl cyclohexane	89		88		70-130	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	101		99		70-130	2		30
p-Diethylbenzene	85		85		70-130	0		30
4-Ethyltoluene	91		89		70-130	2		30
1,2,4,5-Tetramethylbenzene	81		81		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,03-04,06-08 Batch: WG1074986-3 WG1074986-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		116		70-130
Toluene-d8	109		110		70-130
4-Bromofluorobenzene	108		107		70-130
Dibromofluoromethane	99		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02,05 Batch: WG1074986-8 WG1074986-9								
Methylene chloride	86		86		70-130	0		30
1,1-Dichloroethane	103		102		70-130	1		30
Chloroform	95		98		70-130	3		30
Carbon tetrachloride	107		106		70-130	1		30
1,2-Dichloropropane	94		95		70-130	1		30
Dibromochloromethane	96		92		70-130	4		30
1,1,2-Trichloroethane	96		95		70-130	1		30
2-Chloroethylvinyl ether	**62**	Q	**64**	Q	70-130	3		30
Tetrachloroethene	104		102		70-130	2		30
Chlorobenzene	92		92		70-130	0		30
Trichlorofluoromethane	93		94		70-139	1		30
1,2-Dichloroethane	100		102		70-130	2		30
1,1,1-Trichloroethane	107		106		70-130	1		30
Bromodichloromethane	92		93		70-130	1		30
trans-1,3-Dichloropropene	101		99		70-130	2		30
cis-1,3-Dichloropropene	90		92		70-130	2		30
1,1-Dichloropropene	100		100		70-130	0		30
Bromoform	94		98		70-130	4		30
1,1,2,2-Tetrachloroethane	90		93		70-130	3		30
Benzene	92		94		70-130	2		30
Toluene	100		98		70-130	2		30
Ethylbenzene	98		94		70-130	4		30
Chloromethane	121		117		52-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02,05 Batch: WG1074986-8 WG1074986-9								
Bromomethane	97		93		57-147	4		30
Vinyl chloride	123		121		67-130	2		30
Chloroethane	109		110		50-151	1		30
1,1-Dichloroethene	105		104		65-135	1		30
trans-1,2-Dichloroethene	95		96		70-130	1		30
Trichloroethene	94		96		70-130	2		30
1,2-Dichlorobenzene	92		93		70-130	1		30
1,3-Dichlorobenzene	97		95		70-130	2		30
1,4-Dichlorobenzene	93		94		70-130	1		30
Methyl tert butyl ether	95		98		66-130	3		30
p/m-Xylene	94		91		70-130	3		30
o-Xylene	92		88		70-130	4		30
cis-1,2-Dichloroethene	91		91		70-130	0		30
Dibromomethane	85		89		70-130	5		30
1,4-Dichlorobutane	101		105		70-130	4		30
1,2,3-Trichloropropane	95		99		68-130	4		30
Styrene	87		86		70-130	1		30
Dichlorodifluoromethane	112		108		30-146	4		30
Acetone	111		110		54-140	1		30
Carbon disulfide	101		98		59-130	3		30
2-Butanone	96		101		70-130	5		30
Vinyl acetate	102		105		70-130	3		30
4-Methyl-2-pentanone	92		92		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02,05 Batch: WG1074986-8 WG1074986-9								
2-Hexanone	93		98		70-130	5		30
Ethyl methacrylate	83		85		70-130	2		30
Acrolein	93		86		70-130	8		30
Acrylonitrile	92		99		70-130	7		30
Bromochloromethane	92		92		70-130	0		30
Tetrahydrofuran	94		97		66-130	3		30
2,2-Dichloropropane	113		113		70-130	0		30
1,2-Dibromoethane	93		94		70-130	1		30
1,3-Dichloropropane	94		94		69-130	0		30
1,1,1,2-Tetrachloroethane	98		95		70-130	3		30
Bromobenzene	97		98		70-130	1		30
n-Butylbenzene	104		102		70-130	2		30
sec-Butylbenzene	101		99		70-130	2		30
tert-Butylbenzene	96		97		70-130	1		30
1,3,5-Trichlorobenzene	99		99		70-139	0		30
o-Chlorotoluene	101		101		70-130	0		30
p-Chlorotoluene	100		99		70-130	1		30
1,2-Dibromo-3-chloropropane	82		89		68-130	8		30
Hexachlorobutadiene	107		106		67-130	1		30
Isopropylbenzene	99		98		70-130	1		30
p-Isopropyltoluene	97		96		70-130	1		30
Naphthalene	82		87		70-130	6		30
n-Propylbenzene	101		100		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02,05 Batch: WG1074986-8 WG1074986-9								
1,2,3-Trichlorobenzene	94		98		70-130	4		30
1,2,4-Trichlorobenzene	98		97		70-130	1		30
1,3,5-Trimethylbenzene	97		97		70-130	0		30
1,2,4-Trimethylbenzene	97		97		70-130	0		30
trans-1,4-Dichloro-2-butene	105		106		70-130	1		30
Halothane	93		94		70-130	1		20
Ethyl ether	98		97		67-130	1		30
Methyl Acetate	105		106		65-130	1		30
Ethyl Acetate	100		104		70-130	4		30
Isopropyl Ether	102		104		66-130	2		30
Cyclohexane	105		107		70-130	2		30
Tert-Butyl Alcohol	94		98		70-130	4		30
Ethyl-Tert-Butyl-Ether	96		98		70-130	2		30
Tertiary-Amyl Methyl Ether	92		97		70-130	5		30
1,4-Dioxane	81		86		65-136	6		30
Methyl cyclohexane	98		97		70-130	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	109		104		70-130	5		30
p-Diethylbenzene	95		95		70-130	0		30
4-Ethyltoluene	99		97		70-130	2		30
1,2,4,5-Tetramethylbenzene	90		90		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02,05 Batch: WG1074986-8 WG1074986-9								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		118		70-130
Toluene-d8	108		106		70-130
4-Bromofluorobenzene	108		107		70-130
Dibromofluoromethane	100		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1075087-3 WG1075087-4								
Methylene chloride	100		87		70-130	14		20
1,1-Dichloroethane	100		89		70-130	12		20
Chloroform	110		98		70-130	12		20
Carbon tetrachloride	120		98		63-132	20		20
1,2-Dichloropropane	110		90		70-130	20		20
Dibromochloromethane	110		90		63-130	20		20
1,1,2-Trichloroethane	100		91		70-130	9		20
2-Chloroethylvinyl ether	**64**	Q	**47**	Q	70-130	**31**	Q	20
Tetrachloroethene	110		92		70-130	18		20
Chlorobenzene	110		91		75-130	19		25
Trichlorofluoromethane	100		92		62-150	8		20
1,2-Dichloroethane	120		100		70-130	18		20
1,1,1-Trichloroethane	120		99		67-130	19		20
Bromodichloromethane	110		97		67-130	13		20
trans-1,3-Dichloropropene	97		78		70-130	**22**	Q	20
cis-1,3-Dichloropropene	110		89		70-130	**21**	Q	20
1,1-Dichloropropene	110		90		70-130	20		20
Bromoform	110		87		54-136	**23**	Q	20
1,1,2,2-Tetrachloroethane	100		86		67-130	15		20
Benzene	110		90		70-130	20		25
Toluene	100		86		70-130	15		25
Ethylbenzene	110		91		70-130	19		20
Chloromethane	66		**57**	Q	64-130	15		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1075087-3 WG1075087-4								
Bromomethane	96		84		39-139	13		20
Vinyl chloride	75		65		55-140	14		20
Chloroethane	110		92		55-138	18		20
1,1-Dichloroethene	100		87		61-145	14		25
trans-1,2-Dichloroethene	100		88		70-130	13		20
Trichloroethene	120		96		70-130	22		25
1,2-Dichlorobenzene	110		93		70-130	17		20
1,3-Dichlorobenzene	110		91		70-130	19		20
1,4-Dichlorobenzene	110		92		70-130	18		20
Methyl tert butyl ether	110		91		63-130	19		20
p/m-Xylene	115		95		70-130	19		20
o-Xylene	120		95		70-130	**23**	Q	20
cis-1,2-Dichloroethene	100		94		70-130	6		20
Dibromomethane	120		100		70-130	18		20
1,4-Dichlorobutane	100		85		70-130	16		20
Iodomethane	**30**	Q	**25**	Q	70-130	18		20
1,2,3-Trichloropropane	100		86		64-130	15		20
Styrene	115		95		70-130	19		20
Dichlorodifluoromethane	88		77		36-147	13		20
Acetone	84		71		58-148	17		20
Carbon disulfide	92		79		51-130	15		20
2-Butanone	83		74		63-138	11		20
Vinyl acetate	82		**67**	Q	70-130	20		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1075087-3 WG1075087-4								
4-Methyl-2-pentanone	98		82		59-130	18		20
2-Hexanone	87		71		57-130	20		20
Ethyl methacrylate	96		78		70-130	**21**	Q	20
Acrolein	75		**68**	Q	70-130	10		20
Acrylonitrile	97		84		70-130	14		20
Bromochloromethane	120		110		70-130	9		20
Tetrahydrofuran	92		81		58-130	13		20
2,2-Dichloropropane	110		91		63-133	19		20
1,2-Dibromoethane	110		95		70-130	15		20
1,3-Dichloropropane	100		89		70-130	12		20
1,1,1,2-Tetrachloroethane	110		93		64-130	17		20
Bromobenzene	110		94		70-130	16		20
n-Butylbenzene	100		86		53-136	15		20
sec-Butylbenzene	100		85		70-130	16		20
tert-Butylbenzene	110		87		70-130	**23**	Q	20
o-Chlorotoluene	100		86		70-130	15		20
p-Chlorotoluene	100		85		70-130	16		20
1,2-Dibromo-3-chloropropane	100		88		41-144	13		20
Hexachlorobutadiene	120		100		63-130	18		20
Isopropylbenzene	110		86		70-130	**24**	Q	20
p-Isopropyltoluene	110		89		70-130	**21**	Q	20
Naphthalene	100		100		70-130	0		20
n-Propylbenzene	100		84		69-130	17		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1075087-3 WG1075087-4								
1,2,3-Trichlorobenzene	110		100		70-130	10		20
1,2,4-Trichlorobenzene	110		96		70-130	14		20
1,3,5-Trimethylbenzene	110		88		64-130	**22**	Q	20
1,3,5-Trichlorobenzene	110		94		70-130	16		20
1,2,4-Trimethylbenzene	110		88		70-130	**22**	Q	20
trans-1,4-Dichloro-2-butene	72		**52**	Q	70-130	**32**	Q	20
Halothane	110		94		70-130	16		20
Ethyl ether	98		88		59-134	11		20
Methyl Acetate	95		88		70-130	8		20
Ethyl Acetate	92		81		70-130	13		20
Isopropyl Ether	98		84		70-130	15		20
Cyclohexane	100		86		70-130	15		20
Tert-Butyl Alcohol	116		122		70-130	5		20
Ethyl-Tert-Butyl-Ether	100		86		70-130	15		20
Tertiary-Amyl Methyl Ether	100		82		66-130	20		20
1,4-Dioxane	88		96		56-162	9		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	120		98		70-130	20		20
Methyl cyclohexane	110		93		70-130	17		20
p-Diethylbenzene	110		88		70-130	**22**	Q	20
4-Ethyltoluene	110		88		70-130	**22**	Q	20
1,2,4,5-Tetramethylbenzene	110		88		70-130	**22**	Q	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1075087-3 WG1075087-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		115		70-130
Toluene-d8	92		91		70-130
4-Bromofluorobenzene	90		90		70-130
Dibromofluoromethane	104		104		70-130

SEMIVOLATILES

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-01 D
Client ID: ISS#1A
Sample Location: MIDDLE RIVER, MD

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/21/17 17:31
Analyst: DV
Percent Solids: 86%

Date Collected: 12/13/17 17:00
Date Received: 12/14/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/19/17 13:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	5100		ug/kg	300	64.	40
2-Chloronaphthalene	ND		ug/kg	300	39.	40
Fluoranthene	18000		ug/kg	300	21.	40
Naphthalene	8000		ug/kg	300	54.	40
Benzo(a)anthracene	6400		ug/kg	300	29.	40
Benzo(a)pyrene	6100		ug/kg	300	36.	40
Benzo(b)fluoranthene	7600		ug/kg	300	29.	40
Benzo(k)fluoranthene	2900		ug/kg	300	27.	40
Chrysene	6200		ug/kg	300	23.	40
Acenaphthylene	620		ug/kg	300	38.	40
Anthracene	6100		ug/kg	300	24.	40
Benzo(ghi)perylene	3200		ug/kg	300	26.	40
Fluorene	2500		ug/kg	300	36.	40
Phenanthrene	18000		ug/kg	300	26.	40
Dibenzo(a,h)anthracene	1100		ug/kg	300	30.	40
Indeno(1,2,3-cd)pyrene	4300		ug/kg	300	36.	40
Pyrene	15000		ug/kg	300	21.	40
1-Methylnaphthalene	860		ug/kg	300	47.	40
2-Methylnaphthalene	1700		ug/kg	300	86.	40

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
4-Terphenyl-d14	**0**	Q	18-120

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-02 D
Client ID: ISS#1B
Sample Location: MIDDLE RIVER, MD

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/21/17 16:33
Analyst: DV
Percent Solids: 84%

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/19/17 13:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/kg	160	33.	20
2-Chloronaphthalene	ND		ug/kg	160	21.	20
Fluoranthene	140	J	ug/kg	160	11.	20
Naphthalene	170		ug/kg	160	28.	20
Benzo(a)anthracene	58	J	ug/kg	160	15.	20
Benzo(a)pyrene	36	J	ug/kg	160	19.	20
Benzo(b)fluoranthene	59	J	ug/kg	160	15.	20
Benzo(k)fluoranthene	37	J	ug/kg	160	14.	20
Chrysene	52	J	ug/kg	160	12.	20
Acenaphthylene	ND		ug/kg	160	20.	20
Anthracene	14	J	ug/kg	160	13.	20
Benzo(ghi)perylene	19	J	ug/kg	160	14.	20
Fluorene	ND		ug/kg	160	19.	20
Phenanthrene	110	J	ug/kg	160	14.	20
Dibenzo(a,h)anthracene	ND		ug/kg	160	16.	20
Indeno(1,2,3-cd)pyrene	21	J	ug/kg	160	19.	20
Pyrene	110	J	ug/kg	160	11.	20
1-Methylnaphthalene	ND		ug/kg	160	25.	20
2-Methylnaphthalene	ND		ug/kg	160	45.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
4-Terphenyl-d14	**0**	Q	18-120

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-03 D
Client ID: ISS#3A
Sample Location: MIDDLE RIVER, MD

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/22/17 13:51
Analyst: DV
Percent Solids: 85%

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/20/17 09:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/kg	38	8.1	5
2-Chloronaphthalene	ND		ug/kg	38	5.0	5
Fluoranthene	ND		ug/kg	38	2.7	5
Naphthalene	ND		ug/kg	38	6.9	5
Benzo(a)anthracene	ND		ug/kg	38	3.7	5
Benzo(a)pyrene	ND		ug/kg	38	4.6	5
Benzo(b)fluoranthene	ND		ug/kg	38	3.7	5
Benzo(k)fluoranthene	7.1	J	ug/kg	38	3.5	5
Chrysene	ND		ug/kg	38	2.9	5
Acenaphthylene	ND		ug/kg	38	4.8	5
Anthracene	ND		ug/kg	38	3.1	5
Benzo(ghi)perylene	ND		ug/kg	38	3.3	5
Fluorene	ND		ug/kg	38	4.6	5
Phenanthrene	5.8	J	ug/kg	38	3.3	5
Dibenzo(a,h)anthracene	ND		ug/kg	38	3.8	5
Indeno(1,2,3-cd)pyrene	ND		ug/kg	38	4.6	5
Pyrene	ND		ug/kg	38	2.7	5
1-Methylnaphthalene	ND		ug/kg	38	6.0	5
2-Methylnaphthalene	ND		ug/kg	38	11.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	108		23-120
2-Fluorobiphenyl	73		30-120
4-Terphenyl-d14	81		18-120

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-04 D
Client ID: ISS#3B
Sample Location: MIDDLE RIVER, MD

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/22/17 20:36
Analyst: KL
Percent Solids: 86%

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/19/17 13:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/kg	610	130	80
2-Chloronaphthalene	ND		ug/kg	610	79.	80
Fluoranthene	ND		ug/kg	610	42.	80
Naphthalene	ND		ug/kg	610	110	80
Benzo(a)anthracene	ND		ug/kg	610	58.	80
Benzo(a)pyrene	ND		ug/kg	610	73.	80
Benzo(b)fluoranthene	ND		ug/kg	610	58.	80
Benzo(k)fluoranthene	100	J	ug/kg	610	55.	80
Chrysene	ND		ug/kg	610	46.	80
Acenaphthylene	ND		ug/kg	610	76.	80
Anthracene	ND		ug/kg	610	49.	80
Benzo(ghi)perylene	ND		ug/kg	610	52.	80
Fluorene	ND		ug/kg	610	73.	80
Phenanthrene	ND		ug/kg	610	52.	80
Dibenzo(a,h)anthracene	ND		ug/kg	610	61.	80
Indeno(1,2,3-cd)pyrene	ND		ug/kg	610	73.	80
Pyrene	ND		ug/kg	610	42.	80
1-Methylnaphthalene	ND		ug/kg	610	94.	80
2-Methylnaphthalene	ND		ug/kg	610	170	80

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
4-Terphenyl-d14	**0**	Q	18-120

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-05 D
Client ID: ISS#4A
Sample Location: MIDDLE RIVER, MD

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/22/17 16:44
Analyst: KL
Percent Solids: 87%

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/19/17 13:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	2900		ug/kg	380	79.	50
2-Chloronaphthalene	ND		ug/kg	380	49.	50
Fluoranthene	9300		ug/kg	380	26.	50
Naphthalene	2500		ug/kg	380	68.	50
Benzo(a)anthracene	3400		ug/kg	380	36.	50
Benzo(a)pyrene	2900		ug/kg	380	45.	50
Benzo(b)fluoranthene	3700		ug/kg	380	36.	50
Benzo(k)fluoranthene	1400		ug/kg	380	34.	50
Chrysene	3300		ug/kg	380	28.	50
Acenaphthylene	96	J	ug/kg	380	47.	50
Anthracene	2600		ug/kg	380	30.	50
Benzo(ghi)perylene	1500		ug/kg	380	32.	50
Fluorene	1400		ug/kg	380	45.	50
Phenanthrene	9700		ug/kg	380	32.	50
Dibenzo(a,h)anthracene	430		ug/kg	380	38.	50
Indeno(1,2,3-cd)pyrene	1800		ug/kg	380	45.	50
Pyrene	7400		ug/kg	380	26.	50
1-Methylnaphthalene	340	J	ug/kg	380	58.	50
2-Methylnaphthalene	680		ug/kg	380	110	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
4-Terphenyl-d14	**0**	Q	18-120

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-06
Client ID: ISS#4B
Sample Location: MIDDLE RIVER, MD

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/21/17 09:17
Analyst: KL
Percent Solids: 84%

Date Collected: 12/13/17 14:00
Date Received: 12/14/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/19/17 13:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	23		ug/kg	7.8	1.6	1
2-Chloronaphthalene	ND		ug/kg	7.8	1.0	1
Fluoranthene	250		ug/kg	7.8	0.55	1
Naphthalene	22		ug/kg	7.8	1.4	1
Benzo(a)anthracene	76		ug/kg	7.8	0.74	1
Benzo(a)pyrene	60		ug/kg	7.8	0.94	1
Benzo(b)fluoranthene	75		ug/kg	7.8	0.74	1
Benzo(k)fluoranthene	29		ug/kg	7.8	0.70	1
Chrysene	74		ug/kg	7.8	0.59	1
Acenaphthylene	1.3	J	ug/kg	7.8	0.98	1
Anthracene	34		ug/kg	7.8	0.63	1
Benzo(ghi)perylene	27		ug/kg	7.8	0.66	1
Fluorene	26		ug/kg	7.8	0.94	1
Phenanthrene	220		ug/kg	7.8	0.66	1
Dibenzo(a,h)anthracene	8.6		ug/kg	7.8	0.78	1
Indeno(1,2,3-cd)pyrene	36		ug/kg	7.8	0.94	1
Pyrene	230		ug/kg	7.8	0.55	1
1-Methylnaphthalene	2.3	J	ug/kg	7.8	1.2	1
2-Methylnaphthalene	4.8	J	ug/kg	7.8	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	48		30-120
4-Terphenyl-d14	108		18-120

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-07 D
Client ID: ISS#5A
Sample Location: MIDDLE RIVER, MD

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/22/17 16:15
Analyst: KL
Percent Solids: 85%

Date Collected: 12/13/17 14:00
Date Received: 12/14/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/19/17 13:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/kg	150	32.	20
2-Chloronaphthalene	ND		ug/kg	150	20.	20
Fluoranthene	ND		ug/kg	150	11.	20
Naphthalene	ND		ug/kg	150	28.	20
Benzo(a)anthracene	ND		ug/kg	150	15.	20
Benzo(a)pyrene	ND		ug/kg	150	18.	20
Benzo(b)fluoranthene	ND		ug/kg	150	15.	20
Benzo(k)fluoranthene	18	J	ug/kg	150	14.	20
Chrysene	ND		ug/kg	150	12.	20
Acenaphthylene	ND		ug/kg	150	19.	20
Anthracene	ND		ug/kg	150	12.	20
Benzo(ghi)perylene	ND		ug/kg	150	13.	20
Fluorene	ND		ug/kg	150	18.	20
Phenanthrene	ND		ug/kg	150	13.	20
Dibenzo(a,h)anthracene	ND		ug/kg	150	15.	20
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	18.	20
Pyrene	ND		ug/kg	150	11.	20
1-Methylnaphthalene	ND		ug/kg	150	24.	20
2-Methylnaphthalene	ND		ug/kg	150	44.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
4-Terphenyl-d14	**0**	Q	18-120

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-08 D
Client ID: ISS#5B
Sample Location: MIDDLE RIVER, MD

Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 12/22/17 15:46
Analyst: KL
Percent Solids: 86%

Date Collected: 12/13/17 14:00
Date Received: 12/14/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/19/17 13:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/kg	38	8.0	5
2-Chloronaphthalene	ND		ug/kg	38	5.0	5
Fluoranthene	ND		ug/kg	38	2.7	5
Naphthalene	ND		ug/kg	38	6.8	5
Benzo(a)anthracene	ND		ug/kg	38	3.6	5
Benzo(a)pyrene	ND		ug/kg	38	4.6	5
Benzo(b)fluoranthene	ND		ug/kg	38	3.6	5
Benzo(k)fluoranthene	3.4	J	ug/kg	38	3.4	5
Chrysene	ND		ug/kg	38	2.8	5
Acenaphthylene	ND		ug/kg	38	4.8	5
Anthracene	ND		ug/kg	38	3.0	5
Benzo(ghi)perylene	ND		ug/kg	38	3.2	5
Fluorene	ND		ug/kg	38	4.6	5
Phenanthrene	ND		ug/kg	38	3.2	5
Dibenzo(a,h)anthracene	ND		ug/kg	38	3.8	5
Indeno(1,2,3-cd)pyrene	ND		ug/kg	38	4.6	5
Pyrene	ND		ug/kg	38	2.7	5
1-Methylnaphthalene	ND		ug/kg	38	5.9	5
2-Methylnaphthalene	ND		ug/kg	38	11.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	110		23-120
2-Fluorobiphenyl	78		30-120
4-Terphenyl-d14	55		18-120

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/20/17 20:13
Analyst: KL

Extraction Method: EPA 3546
Extraction Date: 12/19/17 13:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-08 Batch: WG1074466-1					
Acenaphthene	ND		ug/kg	6.6	1.4
2-Chloronaphthalene	ND		ug/kg	6.6	0.86
Fluoranthene	ND		ug/kg	6.6	0.46
Naphthalene	ND		ug/kg	6.6	1.2
Benzo(a)anthracene	ND		ug/kg	6.6	0.62
Benzo(a)pyrene	ND		ug/kg	6.6	0.79
Benzo(b)fluoranthene	ND		ug/kg	6.6	0.62
Benzo(k)fluoranthene	ND		ug/kg	6.6	0.59
Chrysene	ND		ug/kg	6.6	0.49
Acenaphthylene	ND		ug/kg	6.6	0.82
Anthracene	ND		ug/kg	6.6	0.53
Benzo(ghi)perylene	ND		ug/kg	6.6	0.56
Fluorene	ND		ug/kg	6.6	0.79
Phenanthrene	ND		ug/kg	6.6	0.56
Dibenzo(a,h)anthracene	ND		ug/kg	6.6	0.66
Indeno(1,2,3-cd)pyrene	ND		ug/kg	6.6	0.79
Pyrene	0.56	J	ug/kg	6.6	0.46
1-Methylnaphthalene	ND		ug/kg	6.6	1.0
2-Methylnaphthalene	ND		ug/kg	6.6	1.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	79		30-120
4-Terphenyl-d14	93		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-08 Batch: WG1074466-2 WG1074466-3								
Acenaphthene	78		79		40-140	1		50
2-Chloronaphthalene	70		72		40-140	3		50
Fluoranthene	69		68		40-140	1		50
Naphthalene	78		80		40-140	3		50
Benzo(a)anthracene	77		80		40-140	4		50
Benzo(a)pyrene	80		79		40-140	1		50
Benzo(b)fluoranthene	83		81		40-140	2		50
Benzo(k)fluoranthene	75		78		40-140	4		50
Chrysene	75		80		40-140	6		50
Acenaphthylene	77		80		40-140	4		50
Anthracene	72		75		40-140	4		50
Benzo(ghi)perylene	55		53		40-140	4		50
Fluorene	71		70		40-140	1		50
Phenanthrene	79		77		40-140	3		50
Dibenzo(a,h)anthracene	77		76		40-140	1		50
Indeno(1,2,3-cd)pyrene	68		67		40-140	1		50
Pyrene	69		71		35-142	3		50
1-Methylnaphthalene	74		76		40-140	3		50
2-Methylnaphthalene	69		72		40-140	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-08 Batch: WG1074466-2 WG1074466-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	104		108		23-120
2-Fluorobiphenyl	95		95		30-120
4-Terphenyl-d14	90		92		18-120

PCBS

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-01 D
Client ID: ISS#1A
Sample Location: MIDDLE RIVER, MD

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/21/17 12:05
Analyst: AWS
Percent Solids: 86%

Date Collected: 12/13/17 17:00
Date Received: 12/14/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/19/17 13:28
Cleanup Method: EPA 3665A
Cleanup Date: 12/20/17
Cleanup Method: EPA 3660B
Cleanup Date: 12/20/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	926000	105000	25000	A
Aroclor 1221	ND		ug/kg	926000	141000	25000	A
Aroclor 1232	ND		ug/kg	926000	91200	25000	A
Aroclor 1242	ND		ug/kg	926000	113000	25000	A
Aroclor 1248	ND		ug/kg	926000	104000	25000	A
Aroclor 1254	ND		ug/kg	926000	75600	25000	A
Aroclor 1260	5560000		ug/kg	926000	96700	25000	A
Aroclor 1262	ND		ug/kg	926000	76200	25000	A
Aroclor 1268	ND		ug/kg	926000	65600	25000	A
PCBs, Total	5560000		ug/kg	926000	65600	25000	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-02 D
Client ID: ISS#1B
Sample Location: MIDDLE RIVER, MD

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/21/17 12:21
Analyst: AWS
Percent Solids: 84%

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/19/17 13:28
Cleanup Method: EPA 3665A
Cleanup Date: 12/20/17
Cleanup Method: EPA 3660B
Cleanup Date: 12/20/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	194000	22000	5000	A
Aroclor 1221	ND		ug/kg	194000	29600	5000	A
Aroclor 1232	ND		ug/kg	194000	19100	5000	A
Aroclor 1242	ND		ug/kg	194000	23800	5000	A
Aroclor 1248	ND		ug/kg	194000	21800	5000	A
Aroclor 1254	ND		ug/kg	194000	15800	5000	A
Aroclor 1260	1930000		ug/kg	194000	20300	5000	A
Aroclor 1262	ND		ug/kg	194000	16000	5000	A
Aroclor 1268	ND		ug/kg	194000	13800	5000	A
PCBs, Total	1930000		ug/kg	194000	13800	5000	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-03 D
Client ID: ISS#3A
Sample Location: MIDDLE RIVER, MD

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/21/17 10:26
Analyst: AWS
Percent Solids: 85%

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/19/17 13:28
Cleanup Method: EPA 3665A
Cleanup Date: 12/20/17
Cleanup Method: EPA 3660B
Cleanup Date: 12/20/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	7650	867.	200	A
Aroclor 1221	ND		ug/kg	7650	1160	200	A
Aroclor 1232	ND		ug/kg	7650	752.	200	A
Aroclor 1242	ND		ug/kg	7650	936.	200	A
Aroclor 1248	ND		ug/kg	7650	858.	200	A
Aroclor 1254	ND		ug/kg	7650	624.	200	A
Aroclor 1260	93700		ug/kg	7650	798.	200	B
Aroclor 1262	ND		ug/kg	7650	628.	200	A
Aroclor 1268	ND		ug/kg	7650	541.	200	A
PCBs, Total	93700		ug/kg	7650	541.	200	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-04 D
Client ID: ISS#3B
Sample Location: MIDDLE RIVER, MD

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/21/17 12:37
Analyst: AWS
Percent Solids: 86%

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/19/17 13:28
Cleanup Method: EPA 3665A
Cleanup Date: 12/20/17
Cleanup Method: EPA 3660B
Cleanup Date: 12/20/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	186000	21000	5000	A
Aroclor 1221	ND		ug/kg	186000	28200	5000	A
Aroclor 1232	ND		ug/kg	186000	18300	5000	A
Aroclor 1242	ND		ug/kg	186000	22700	5000	A
Aroclor 1248	ND		ug/kg	186000	20800	5000	A
Aroclor 1254	ND		ug/kg	186000	15100	5000	A
Aroclor 1260	1710000		ug/kg	186000	19400	5000	A
Aroclor 1262	ND		ug/kg	186000	15200	5000	A
Aroclor 1268	ND		ug/kg	186000	13100	5000	A
PCBs, Total	1710000		ug/kg	186000	13100	5000	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-05 D
Client ID: ISS#4A
Sample Location: MIDDLE RIVER, MD

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/21/17 12:54
Analyst: AWS
Percent Solids: 87%

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/19/17 13:28
Cleanup Method: EPA 3665A
Cleanup Date: 12/20/17
Cleanup Method: EPA 3660B
Cleanup Date: 12/20/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	373000	42300	10000	A
Aroclor 1221	ND		ug/kg	373000	56800	10000	A
Aroclor 1232	ND		ug/kg	373000	36700	10000	A
Aroclor 1242	ND		ug/kg	373000	45700	10000	A
Aroclor 1248	ND		ug/kg	373000	41900	10000	A
Aroclor 1254	ND		ug/kg	373000	30500	10000	A
Aroclor 1260	5140000		ug/kg	373000	39000	10000	A
Aroclor 1262	ND		ug/kg	373000	30700	10000	A
Aroclor 1268	ND		ug/kg	373000	26400	10000	A
PCBs, Total	5140000		ug/kg	373000	26400	10000	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-06 D
Client ID: ISS#4B
Sample Location: MIDDLE RIVER, MD

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/21/17 13:10
Analyst: AWS
Percent Solids: 84%

Date Collected: 12/13/17 14:00
Date Received: 12/14/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/19/17 13:28
Cleanup Method: EPA 3665A
Cleanup Date: 12/20/17
Cleanup Method: EPA 3660B
Cleanup Date: 12/20/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38000	4310	1000	A
Aroclor 1221	ND		ug/kg	38000	5780	1000	A
Aroclor 1232	ND		ug/kg	38000	3740	1000	A
Aroclor 1242	ND		ug/kg	38000	4650	1000	A
Aroclor 1248	ND		ug/kg	38000	4260	1000	A
Aroclor 1254	ND		ug/kg	38000	3100	1000	A
Aroclor 1260	284000		ug/kg	38000	3970	1000	A
Aroclor 1262	ND		ug/kg	38000	3120	1000	A
Aroclor 1268	ND		ug/kg	38000	2690	1000	A
PCBs, Total	284000		ug/kg	38000	2690	1000	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-07 D
Client ID: ISS#5A
Sample Location: MIDDLE RIVER, MD

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/21/17 11:32
Analyst: AWS
Percent Solids: 85%

Date Collected: 12/13/17 14:00
Date Received: 12/14/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/19/17 13:28
Cleanup Method: EPA 3665A
Cleanup Date: 12/20/17
Cleanup Method: EPA 3660B
Cleanup Date: 12/20/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	7640	866.	200	A
Aroclor 1221	ND		ug/kg	7640	1160	200	A
Aroclor 1232	ND		ug/kg	7640	752.	200	A
Aroclor 1242	ND		ug/kg	7640	935.	200	A
Aroclor 1248	ND		ug/kg	7640	857.	200	A
Aroclor 1254	ND		ug/kg	7640	623.	200	A
Aroclor 1260	103000		ug/kg	7640	797.	200	A
Aroclor 1262	ND		ug/kg	7640	628.	200	A
Aroclor 1268	ND		ug/kg	7640	541.	200	A
PCBs, Total	103000		ug/kg	7640	541.	200	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-08 D
Client ID: ISS#5B
Sample Location: MIDDLE RIVER, MD

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/21/17 11:48
Analyst: AWS
Percent Solids: 86%

Date Collected: 12/13/17 14:00
Date Received: 12/14/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/19/17 13:28
Cleanup Method: EPA 3665A
Cleanup Date: 12/20/17
Cleanup Method: EPA 3660B
Cleanup Date: 12/20/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	7620	865.	200	A
Aroclor 1221	ND		ug/kg	7620	1160	200	A
Aroclor 1232	ND		ug/kg	7620	750.	200	A
Aroclor 1242	ND		ug/kg	7620	933.	200	A
Aroclor 1248	ND		ug/kg	7620	856.	200	A
Aroclor 1254	ND		ug/kg	7620	622.	200	A
Aroclor 1260	101000		ug/kg	7620	796.	200	A
Aroclor 1262	ND		ug/kg	7620	627.	200	A
Aroclor 1268	ND		ug/kg	7620	540.	200	A
PCBs, Total	101000		ug/kg	7620	540.	200	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-09
Client ID: IWE-03
Sample Location: MIDDLE RIVER, MD

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/20/17 20:09
Analyst: WR

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 12/19/17 23:22
Cleanup Method: EPA 3665A
Cleanup Date: 12/20/17
Cleanup Method: EPA 3660B
Cleanup Date: 12/20/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.250	0.024	1	A
Aroclor 1221	ND		ug/l	0.250	0.038	1	A
Aroclor 1232	ND		ug/l	0.250	0.033	1	A
Aroclor 1242	ND		ug/l	0.250	0.036	1	A
Aroclor 1248	ND		ug/l	0.250	0.027	1	A
Aroclor 1254	ND		ug/l	0.250	0.042	1	A
Aroclor 1260	ND		ug/l	0.250	0.024	1	A
Aroclor 1262	ND		ug/l	0.250	0.021	1	A
Aroclor 1268	ND		ug/l	0.250	0.033	1	A
PCBs, Total	ND		ug/l	0.250	0.021	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	75		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	59		30-150	A

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/20/17 11:18
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 12/19/17 13:28
Cleanup Method: EPA 3665A
Cleanup Date: 12/20/17
Cleanup Method: EPA 3660B
Cleanup Date: 12/20/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
PCB by GC - Westborough Lab for sample(s): 01-08 Batch: WG1074469-1						
Aroclor 1016	ND		ug/kg	31.7	3.60	A
Aroclor 1221	ND		ug/kg	31.7	4.83	A
Aroclor 1232	ND		ug/kg	31.7	3.12	A
Aroclor 1242	ND		ug/kg	31.7	3.88	A
Aroclor 1248	ND		ug/kg	31.7	3.56	A
Aroclor 1254	ND		ug/kg	31.7	2.59	A
Aroclor 1260	107		ug/kg	31.7	3.31	A
Aroclor 1262	ND		ug/kg	31.7	2.61	A
Aroclor 1268	ND		ug/kg	31.7	2.25	A
PCBs, Total	107		ug/kg	31.7	2.25	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/20/17 21:15
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 12/19/17 23:22
Cleanup Method: EPA 3665A
Cleanup Date: 12/20/17
Cleanup Method: EPA 3660B
Cleanup Date: 12/20/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
PCB by GC - Westborough Lab for sample(s): 09 Batch: WG1074656-1						
Aroclor 1016	ND		ug/l	0.250	0.024	A
Aroclor 1221	ND		ug/l	0.250	0.038	A
Aroclor 1232	ND		ug/l	0.250	0.033	A
Aroclor 1242	ND		ug/l	0.250	0.036	A
Aroclor 1248	ND		ug/l	0.250	0.027	A
Aroclor 1254	ND		ug/l	0.250	0.042	A
Aroclor 1260	ND		ug/l	0.250	0.024	A
Aroclor 1262	ND		ug/l	0.250	0.021	A
Aroclor 1268	ND		ug/l	0.250	0.033	A
PCBs, Total	ND		ug/l	0.250	0.021	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	79		30-150	B
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	70		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
PCB by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1074469-2 WG1074469-3									
Aroclor 1016	62		64		40-140	3		50	A
Aroclor 1260	84		129		40-140	42		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		79		30-150	A
Decachlorobiphenyl	96		101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		89		30-150	B
Decachlorobiphenyl	95		102		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
PCB by GC - Westborough Lab Associated sample(s): 09 Batch: WG1074656-2 WG1074656-3									
Aroclor 1016	102		102		40-140	0		50	A
Aroclor 1260	96		106		40-140	10		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		64		30-150	B
Decachlorobiphenyl	95		92		30-150	B
2,4,5,6-Tetrachloro-m-xylene	80		72		30-150	A
Decachlorobiphenyl	82		79		30-150	A

METALS

Project Name: TETRA TECH ISS
Lab Number: L1746224
Project Number: 10017
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-01
Client ID: ISS#1A
Sample Location: MIDDLE RIVER, MD
Matrix: Soil
Percent Solids: 86%

Date Collected: 12/13/17 17:00
Date Received: 12/14/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.29	0.174	1	12/18/17 19:50	12/19/17 20:02	EPA 3050B	1,6010C	AB
Arsenic, Total	1.63		mg/kg	0.457	0.095	1	12/18/17 19:50	12/19/17 20:02	EPA 3050B	1,6010C	AB
Barium, Total	18.8		mg/kg	0.457	0.080	1	12/18/17 19:50	12/19/17 20:02	EPA 3050B	1,6010C	AB
Beryllium, Total	4.50		mg/kg	0.229	0.015	1	12/18/17 19:50	12/19/17 20:02	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.457	0.045	1	12/18/17 19:50	12/19/17 20:02	EPA 3050B	1,6010C	AB
Chromium, Total	8.51		mg/kg	0.457	0.044	1	12/18/17 19:50	12/19/17 20:02	EPA 3050B	1,6010C	AB
Cobalt, Total	23.1		mg/kg	0.914	0.076	1	12/18/17 19:50	12/19/17 20:02	EPA 3050B	1,6010C	AB
Copper, Total	31.0		mg/kg	0.457	0.118	1	12/18/17 19:50	12/19/17 20:02	EPA 3050B	1,6010C	AB
Lead, Total	5.15		mg/kg	2.29	0.122	1	12/18/17 19:50	12/19/17 20:02	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.07	0.02	1	12/20/17 09:00	12/20/17 20:34	EPA 7471B	1,7471B	EA
Molybdenum, Total	0.242	J	mg/kg	2.29	0.062	1	12/18/17 19:50	12/19/17 20:02	EPA 3050B	1,6010C	AB
Nickel, Total	22.8		mg/kg	1.14	0.111	1	12/18/17 19:50	12/19/17 20:02	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	0.914	0.118	1	12/18/17 19:50	12/19/17 20:02	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.457	0.129	1	12/18/17 19:50	12/19/17 20:02	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	0.914	0.144	1	12/18/17 19:50	12/19/17 20:02	EPA 3050B	1,6010C	AB
Vanadium, Total	19.5		mg/kg	0.457	0.093	1	12/18/17 19:50	12/19/17 20:02	EPA 3050B	1,6010C	AB
Zinc, Total	94.8		mg/kg	2.29	0.134	1	12/18/17 19:50	12/19/17 20:02	EPA 3050B	1,6010C	AB

Project Name: TETRA TECH ISS
Lab Number: L1746224
Project Number: 10017
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-02
Client ID: ISS#1B
Sample Location: MIDDLE RIVER, MD
Matrix: Soil
Percent Solids: 84%

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.36	0.179	1	12/18/17 19:50	12/19/17 20:07	EPA 3050B	1,6010C	AB
Arsenic, Total	2.24		mg/kg	0.472	0.098	1	12/18/17 19:50	12/19/17 20:07	EPA 3050B	1,6010C	AB
Barium, Total	8.25		mg/kg	0.472	0.082	1	12/18/17 19:50	12/19/17 20:07	EPA 3050B	1,6010C	AB
Beryllium, Total	1.90		mg/kg	0.236	0.016	1	12/18/17 19:50	12/19/17 20:07	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.472	0.046	1	12/18/17 19:50	12/19/17 20:07	EPA 3050B	1,6010C	AB
Chromium, Total	15.4		mg/kg	0.472	0.045	1	12/18/17 19:50	12/19/17 20:07	EPA 3050B	1,6010C	AB
Cobalt, Total	24.1		mg/kg	0.943	0.078	1	12/18/17 19:50	12/19/17 20:07	EPA 3050B	1,6010C	AB
Copper, Total	17.2		mg/kg	0.472	0.122	1	12/18/17 19:50	12/19/17 20:07	EPA 3050B	1,6010C	AB
Lead, Total	6.69		mg/kg	2.36	0.126	1	12/18/17 19:50	12/19/17 20:07	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.08	0.02	1	12/20/17 09:00	12/20/17 20:42	EPA 7471B	1,7471B	EA
Molybdenum, Total	0.132	J	mg/kg	2.36	0.064	1	12/18/17 19:50	12/19/17 20:07	EPA 3050B	1,6010C	AB
Nickel, Total	15.1		mg/kg	1.18	0.114	1	12/18/17 19:50	12/19/17 20:07	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	0.943	0.122	1	12/18/17 19:50	12/19/17 20:07	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.472	0.133	1	12/18/17 19:50	12/19/17 20:07	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	0.943	0.148	1	12/18/17 19:50	12/19/17 20:07	EPA 3050B	1,6010C	AB
Vanadium, Total	24.1		mg/kg	0.472	0.096	1	12/18/17 19:50	12/19/17 20:07	EPA 3050B	1,6010C	AB
Zinc, Total	28.8		mg/kg	2.36	0.138	1	12/18/17 19:50	12/19/17 20:07	EPA 3050B	1,6010C	AB

Project Name: TETRA TECH ISS
Lab Number: L1746224
Project Number: 10017
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-03
Client ID: ISS#3A
Sample Location: MIDDLE RIVER, MD
Matrix: Soil
Percent Solids: 85%

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.25	0.171	1	12/18/17 19:50	12/19/17 20:23	EPA 3050B	1,6010C	AB
Arsenic, Total	3.52		mg/kg	0.450	0.094	1	12/18/17 19:50	12/19/17 20:23	EPA 3050B	1,6010C	AB
Barium, Total	7.04		mg/kg	0.450	0.078	1	12/18/17 19:50	12/19/17 20:23	EPA 3050B	1,6010C	AB
Beryllium, Total	1.24		mg/kg	0.225	0.015	1	12/18/17 19:50	12/19/17 20:23	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.450	0.044	1	12/18/17 19:50	12/19/17 20:23	EPA 3050B	1,6010C	AB
Chromium, Total	15.5		mg/kg	0.450	0.043	1	12/18/17 19:50	12/19/17 20:23	EPA 3050B	1,6010C	AB
Cobalt, Total	4.50		mg/kg	0.899	0.075	1	12/18/17 19:50	12/19/17 20:23	EPA 3050B	1,6010C	AB
Copper, Total	26.8		mg/kg	0.450	0.116	1	12/18/17 19:50	12/19/17 20:23	EPA 3050B	1,6010C	AB
Lead, Total	5.36		mg/kg	2.25	0.120	1	12/18/17 19:50	12/19/17 20:23	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.08	0.02	1	12/20/17 09:00	12/20/17 20:47	EPA 7471B	1,7471B	EA
Molybdenum, Total	0.108	J	mg/kg	2.25	0.061	1	12/18/17 19:50	12/19/17 20:23	EPA 3050B	1,6010C	AB
Nickel, Total	14.0		mg/kg	1.12	0.109	1	12/18/17 19:50	12/19/17 20:23	EPA 3050B	1,6010C	AB
Selenium, Total	0.117	J	mg/kg	0.899	0.116	1	12/18/17 19:50	12/19/17 20:23	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.450	0.127	1	12/18/17 19:50	12/19/17 20:23	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	0.899	0.142	1	12/18/17 19:50	12/19/17 20:23	EPA 3050B	1,6010C	AB
Vanadium, Total	31.3		mg/kg	0.450	0.091	1	12/18/17 19:50	12/19/17 20:23	EPA 3050B	1,6010C	AB
Zinc, Total	31.3		mg/kg	2.25	0.132	1	12/18/17 19:50	12/19/17 20:23	EPA 3050B	1,6010C	AB

Project Name: TETRA TECH ISS
Lab Number: L1746224
Project Number: 10017
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-04
Client ID: ISS#3B
Sample Location: MIDDLE RIVER, MD
Matrix: Soil
Percent Solids: 86%

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.28	0.173	1	12/18/17 19:50	12/19/17 20:27	EPA 3050B	1,6010C	AB
Arsenic, Total	2.97		mg/kg	0.456	0.095	1	12/18/17 19:50	12/19/17 20:27	EPA 3050B	1,6010C	AB
Barium, Total	5.15		mg/kg	0.456	0.079	1	12/18/17 19:50	12/19/17 20:27	EPA 3050B	1,6010C	AB
Beryllium, Total	1.50		mg/kg	0.228	0.015	1	12/18/17 19:50	12/19/17 20:27	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.456	0.045	1	12/18/17 19:50	12/19/17 20:27	EPA 3050B	1,6010C	AB
Chromium, Total	9.97		mg/kg	0.456	0.044	1	12/18/17 19:50	12/19/17 20:27	EPA 3050B	1,6010C	AB
Cobalt, Total	6.98		mg/kg	0.912	0.076	1	12/18/17 19:50	12/19/17 20:27	EPA 3050B	1,6010C	AB
Copper, Total	10.6		mg/kg	0.456	0.118	1	12/18/17 19:50	12/19/17 20:27	EPA 3050B	1,6010C	AB
Lead, Total	4.44		mg/kg	2.28	0.122	1	12/18/17 19:50	12/19/17 20:27	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.07	0.02	1	12/20/17 09:00	12/20/17 20:49	EPA 7471B	1,7471B	EA
Molybdenum, Total	0.187	J	mg/kg	2.28	0.062	1	12/18/17 19:50	12/19/17 20:27	EPA 3050B	1,6010C	AB
Nickel, Total	10.1		mg/kg	1.14	0.110	1	12/18/17 19:50	12/19/17 20:27	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	0.912	0.118	1	12/18/17 19:50	12/19/17 20:27	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.456	0.129	1	12/18/17 19:50	12/19/17 20:27	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	0.912	0.144	1	12/18/17 19:50	12/19/17 20:27	EPA 3050B	1,6010C	AB
Vanadium, Total	17.1		mg/kg	0.456	0.093	1	12/18/17 19:50	12/19/17 20:27	EPA 3050B	1,6010C	AB
Zinc, Total	23.0		mg/kg	2.28	0.134	1	12/18/17 19:50	12/19/17 20:27	EPA 3050B	1,6010C	AB

Project Name: TETRA TECH ISS
Lab Number: L1746224
Project Number: 10017
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-05
Client ID: ISS#4A
Sample Location: MIDDLE RIVER, MD
Matrix: Soil
Percent Solids: 87%

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.22	0.169	1	12/18/17 19:50	12/19/17 20:32	EPA 3050B	1,6010C	AB
Arsenic, Total	0.977		mg/kg	0.444	0.092	1	12/18/17 19:50	12/19/17 20:32	EPA 3050B	1,6010C	AB
Barium, Total	24.2		mg/kg	0.444	0.077	1	12/18/17 19:50	12/19/17 20:32	EPA 3050B	1,6010C	AB
Beryllium, Total	1.58		mg/kg	0.222	0.015	1	12/18/17 19:50	12/19/17 20:32	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.444	0.044	1	12/18/17 19:50	12/19/17 20:32	EPA 3050B	1,6010C	AB
Chromium, Total	5.88		mg/kg	0.444	0.043	1	12/18/17 19:50	12/19/17 20:32	EPA 3050B	1,6010C	AB
Cobalt, Total	50.0		mg/kg	0.888	0.074	1	12/18/17 19:50	12/19/17 20:32	EPA 3050B	1,6010C	AB
Copper, Total	15.0		mg/kg	0.444	0.114	1	12/18/17 19:50	12/19/17 20:32	EPA 3050B	1,6010C	AB
Lead, Total	3.07		mg/kg	2.22	0.119	1	12/18/17 19:50	12/19/17 20:32	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.07	0.02	1	12/20/17 09:00	12/20/17 20:51	EPA 7471B	1,7471B	EA
Molybdenum, Total	ND		mg/kg	2.22	0.060	1	12/18/17 19:50	12/19/17 20:32	EPA 3050B	1,6010C	AB
Nickel, Total	15.7		mg/kg	1.11	0.107	1	12/18/17 19:50	12/19/17 20:32	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	0.888	0.114	1	12/18/17 19:50	12/19/17 20:32	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.444	0.126	1	12/18/17 19:50	12/19/17 20:32	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	0.888	0.140	1	12/18/17 19:50	12/19/17 20:32	EPA 3050B	1,6010C	AB
Vanadium, Total	8.60		mg/kg	0.444	0.090	1	12/18/17 19:50	12/19/17 20:32	EPA 3050B	1,6010C	AB
Zinc, Total	39.1		mg/kg	2.22	0.130	1	12/18/17 19:50	12/19/17 20:32	EPA 3050B	1,6010C	AB

Project Name: TETRA TECH ISS
Lab Number: L1746224
Project Number: 10017
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-06
Client ID: ISS#4B
Sample Location: MIDDLE RIVER, MD
Matrix: Soil
Percent Solids: 84%

Date Collected: 12/13/17 14:00
Date Received: 12/14/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.29	0.174	1	12/18/17 19:50	12/19/17 20:36	EPA 3050B	1,6010C	AB
Arsenic, Total	1.34		mg/kg	0.458	0.095	1	12/18/17 19:50	12/19/17 20:36	EPA 3050B	1,6010C	AB
Barium, Total	7.46		mg/kg	0.458	0.080	1	12/18/17 19:50	12/19/17 20:36	EPA 3050B	1,6010C	AB
Beryllium, Total	2.64		mg/kg	0.229	0.015	1	12/18/17 19:50	12/19/17 20:36	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.458	0.045	1	12/18/17 19:50	12/19/17 20:36	EPA 3050B	1,6010C	AB
Chromium, Total	17.2		mg/kg	0.458	0.044	1	12/18/17 19:50	12/19/17 20:36	EPA 3050B	1,6010C	AB
Cobalt, Total	6.18		mg/kg	0.917	0.076	1	12/18/17 19:50	12/19/17 20:36	EPA 3050B	1,6010C	AB
Copper, Total	14.0		mg/kg	0.458	0.118	1	12/18/17 19:50	12/19/17 20:36	EPA 3050B	1,6010C	AB
Lead, Total	8.47		mg/kg	2.29	0.123	1	12/18/17 19:50	12/19/17 20:36	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.08	0.02	1	12/20/17 09:00	12/20/17 20:53	EPA 7471B	1,7471B	EA
Molybdenum, Total	0.096	J	mg/kg	2.29	0.062	1	12/18/17 19:50	12/19/17 20:36	EPA 3050B	1,6010C	AB
Nickel, Total	19.3		mg/kg	1.14	0.111	1	12/18/17 19:50	12/19/17 20:36	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	0.917	0.118	1	12/18/17 19:50	12/19/17 20:36	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.458	0.130	1	12/18/17 19:50	12/19/17 20:36	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	0.917	0.144	1	12/18/17 19:50	12/19/17 20:36	EPA 3050B	1,6010C	AB
Vanadium, Total	22.1		mg/kg	0.458	0.093	1	12/18/17 19:50	12/19/17 20:36	EPA 3050B	1,6010C	AB
Zinc, Total	26.3		mg/kg	2.29	0.134	1	12/18/17 19:50	12/19/17 20:36	EPA 3050B	1,6010C	AB

Project Name: TETRA TECH ISS
Lab Number: L1746224
Project Number: 10017
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-07
Client ID: ISS#5A
Sample Location: MIDDLE RIVER, MD
Matrix: Soil
Percent Solids: 85%

Date Collected: 12/13/17 14:00
Date Received: 12/14/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.29	0.174	1	12/18/17 19:50	12/19/17 20:40	EPA 3050B	1,6010C	AB
Arsenic, Total	ND		mg/kg	0.458	0.095	1	12/18/17 19:50	12/19/17 20:40	EPA 3050B	1,6010C	AB
Barium, Total	5.00		mg/kg	0.458	0.080	1	12/18/17 19:50	12/19/17 20:40	EPA 3050B	1,6010C	AB
Beryllium, Total	2.50		mg/kg	0.229	0.015	1	12/18/17 19:50	12/19/17 20:40	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.458	0.045	1	12/18/17 19:50	12/19/17 20:40	EPA 3050B	1,6010C	AB
Chromium, Total	10.2		mg/kg	0.458	0.044	1	12/18/17 19:50	12/19/17 20:40	EPA 3050B	1,6010C	AB
Cobalt, Total	9.66		mg/kg	0.916	0.076	1	12/18/17 19:50	12/19/17 20:40	EPA 3050B	1,6010C	AB
Copper, Total	9.60		mg/kg	0.458	0.118	1	12/18/17 19:50	12/19/17 20:40	EPA 3050B	1,6010C	AB
Lead, Total	5.38		mg/kg	2.29	0.123	1	12/18/17 19:50	12/19/17 20:40	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.08	0.02	1	12/20/17 09:00	12/20/17 20:55	EPA 7471B	1,7471B	EA
Molybdenum, Total	ND		mg/kg	2.29	0.062	1	12/18/17 19:50	12/19/17 20:40	EPA 3050B	1,6010C	AB
Nickel, Total	19.2		mg/kg	1.14	0.111	1	12/18/17 19:50	12/19/17 20:40	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	0.916	0.118	1	12/18/17 19:50	12/19/17 20:40	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.458	0.130	1	12/18/17 19:50	12/19/17 20:40	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	0.916	0.144	1	12/18/17 19:50	12/19/17 20:40	EPA 3050B	1,6010C	AB
Vanadium, Total	15.0		mg/kg	0.458	0.093	1	12/18/17 19:50	12/19/17 20:40	EPA 3050B	1,6010C	AB
Zinc, Total	55.5		mg/kg	2.29	0.134	1	12/18/17 19:50	12/19/17 20:40	EPA 3050B	1,6010C	AB

Project Name: TETRA TECH ISS
Lab Number: L1746224
Project Number: 10017
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-08
Client ID: ISS#5B
Sample Location: MIDDLE RIVER, MD
Matrix: Soil
Percent Solids: 86%

Date Collected: 12/13/17 14:00
Date Received: 12/14/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.30	0.175	1	12/18/17 19:50	12/19/17 20:44	EPA 3050B	1,6010C	AB
Arsenic, Total	ND		mg/kg	0.460	0.096	1	12/18/17 19:50	12/19/17 20:44	EPA 3050B	1,6010C	AB
Barium, Total	6.60		mg/kg	0.460	0.080	1	12/18/17 19:50	12/19/17 20:44	EPA 3050B	1,6010C	AB
Beryllium, Total	3.91		mg/kg	0.230	0.015	1	12/18/17 19:50	12/19/17 20:44	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.460	0.045	1	12/18/17 19:50	12/19/17 20:44	EPA 3050B	1,6010C	AB
Chromium, Total	11.4		mg/kg	0.460	0.044	1	12/18/17 19:50	12/19/17 20:44	EPA 3050B	1,6010C	AB
Cobalt, Total	6.48		mg/kg	0.919	0.076	1	12/18/17 19:50	12/19/17 20:44	EPA 3050B	1,6010C	AB
Copper, Total	13.0		mg/kg	0.460	0.118	1	12/18/17 19:50	12/19/17 20:44	EPA 3050B	1,6010C	AB
Lead, Total	5.35		mg/kg	2.30	0.123	1	12/18/17 19:50	12/19/17 20:44	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.08	0.02	1	12/20/17 09:00	12/20/17 20:56	EPA 7471B	1,7471B	EA
Molybdenum, Total	ND		mg/kg	2.30	0.063	1	12/18/17 19:50	12/19/17 20:44	EPA 3050B	1,6010C	AB
Nickel, Total	14.9		mg/kg	1.15	0.111	1	12/18/17 19:50	12/19/17 20:44	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	0.919	0.118	1	12/18/17 19:50	12/19/17 20:44	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.460	0.130	1	12/18/17 19:50	12/19/17 20:44	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	0.919	0.145	1	12/18/17 19:50	12/19/17 20:44	EPA 3050B	1,6010C	AB
Vanadium, Total	14.4		mg/kg	0.460	0.093	1	12/18/17 19:50	12/19/17 20:44	EPA 3050B	1,6010C	AB
Zinc, Total	49.5		mg/kg	2.30	0.135	1	12/18/17 19:50	12/19/17 20:44	EPA 3050B	1,6010C	AB

Project Name: TETRA TECH ISS
Lab Number: L1746224
Project Number: 10017
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-09
Client ID: IWE-03
Sample Location: MIDDLE RIVER, MD
Matrix: Water

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.050	0.007	1	12/20/17 10:40	12/21/17 00:17	EPA 3005A	1,6010C	AB
Arsenic, Total	0.003	J	mg/l	0.005	0.002	1	12/20/17 10:40	12/21/17 00:17	EPA 3005A	1,6010C	AB
Barium, Total	0.039		mg/l	0.010	0.002	1	12/20/17 10:40	12/21/17 00:17	EPA 3005A	1,6010C	AB
Beryllium, Total	ND		mg/l	0.005	0.001	1	12/20/17 10:40	12/21/17 00:17	EPA 3005A	1,6010C	AB
Cadmium, Total	ND		mg/l	0.005	0.001	1	12/20/17 10:40	12/21/17 00:17	EPA 3005A	1,6010C	AB
Chromium, Total	ND		mg/l	0.010	0.002	1	12/20/17 10:40	12/21/17 00:17	EPA 3005A	1,6010C	AB
Cobalt, Total	0.003	J	mg/l	0.020	0.002	1	12/20/17 10:40	12/21/17 00:17	EPA 3005A	1,6010C	AB
Copper, Total	ND		mg/l	0.010	0.002	1	12/20/17 10:40	12/21/17 00:17	EPA 3005A	1,6010C	AB
Lead, Total	ND		mg/l	0.010	0.003	1	12/20/17 10:40	12/21/17 00:17	EPA 3005A	1,6010C	AB
Mercury, Total	0.00009	J	mg/l	0.00020	0.00006	1	12/15/17 14:22	12/21/17 16:15	EPA 7470A	1,7470A	MG
Molybdenum, Total	ND		mg/l	0.050	0.004	1	12/20/17 10:40	12/21/17 00:17	EPA 3005A	1,6010C	AB
Nickel, Total	0.008	J	mg/l	0.025	0.002	1	12/20/17 10:40	12/21/17 00:17	EPA 3005A	1,6010C	AB
Selenium, Total	ND		mg/l	0.010	0.004	1	12/20/17 10:40	12/21/17 00:17	EPA 3005A	1,6010C	AB
Silver, Total	ND		mg/l	0.007	0.003	1	12/20/17 10:40	12/21/17 00:17	EPA 3005A	1,6010C	AB
Thallium, Total	ND		mg/l	0.020	0.003	1	12/20/17 10:40	12/21/17 00:17	EPA 3005A	1,6010C	AB
Vanadium, Total	ND		mg/l	0.010	0.002	1	12/20/17 10:40	12/21/17 00:17	EPA 3005A	1,6010C	AB
Zinc, Total	0.134		mg/l	0.050	0.002	1	12/20/17 10:40	12/21/17 00:17	EPA 3005A	1,6010C	AB

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 09 Batch: WG1073240-1										
Mercury, Total	0.00008	J	mg/l	0.00020	0.00006	1	12/15/17 14:22	12/21/17 15:52	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1074097-1										
Antimony, Total	ND		mg/kg	2.00	0.152	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Arsenic, Total	0.108	J	mg/kg	0.400	0.083	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Chromium, Total	ND		mg/kg	0.400	0.038	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Copper, Total	ND		mg/kg	0.400	0.103	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Molybdenum, Total	ND		mg/kg	2.00	0.054	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Nickel, Total	ND		mg/kg	1.00	0.097	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Selenium, Total	ND		mg/kg	0.800	0.103	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Thallium, Total	ND		mg/kg	0.800	0.126	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Zinc, Total	ND		mg/kg	2.00	0.117	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1074718-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	12/20/17 09:00	12/20/17 20:30	1,7471B	EA

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 09 Batch: WG1074850-1										
Antimony, Total	ND		mg/l	0.050	0.007	1	12/20/17 10:40	12/21/17 00:04	1,6010C	AB
Arsenic, Total	0.002	J	mg/l	0.005	0.002	1	12/20/17 10:40	12/21/17 00:04	1,6010C	AB
Barium, Total	ND		mg/l	0.010	0.002	1	12/20/17 10:40	12/21/17 00:04	1,6010C	AB
Beryllium, Total	ND		mg/l	0.005	0.001	1	12/20/17 10:40	12/21/17 00:04	1,6010C	AB
Cadmium, Total	ND		mg/l	0.005	0.001	1	12/20/17 10:40	12/21/17 00:04	1,6010C	AB
Chromium, Total	ND		mg/l	0.010	0.002	1	12/20/17 10:40	12/21/17 00:04	1,6010C	AB
Cobalt, Total	ND		mg/l	0.020	0.002	1	12/20/17 10:40	12/21/17 00:04	1,6010C	AB
Copper, Total	ND		mg/l	0.010	0.002	1	12/20/17 10:40	12/21/17 00:04	1,6010C	AB
Lead, Total	ND		mg/l	0.010	0.003	1	12/20/17 10:40	12/21/17 00:04	1,6010C	AB
Molybdenum, Total	ND		mg/l	0.050	0.004	1	12/20/17 10:40	12/21/17 00:04	1,6010C	AB
Nickel, Total	ND		mg/l	0.025	0.002	1	12/20/17 10:40	12/21/17 00:04	1,6010C	AB
Selenium, Total	ND		mg/l	0.010	0.004	1	12/20/17 10:40	12/21/17 00:04	1,6010C	AB
Silver, Total	ND		mg/l	0.007	0.003	1	12/20/17 10:40	12/21/17 00:04	1,6010C	AB
Thallium, Total	ND		mg/l	0.020	0.003	1	12/20/17 10:40	12/21/17 00:04	1,6010C	AB
Vanadium, Total	ND		mg/l	0.010	0.002	1	12/20/17 10:40	12/21/17 00:04	1,6010C	AB
Zinc, Total	ND		mg/l	0.050	0.002	1	12/20/17 10:40	12/21/17 00:04	1,6010C	AB

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 Batch: WG1073240-2								
Mercury, Total	116		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1074097-2 SRM Lot Number: D098-540								
Antimony, Total	131		-		6-194	-		
Arsenic, Total	89		-		83-117	-		
Barium, Total	84		-		82-118	-		
Beryllium, Total	89		-		83-117	-		
Cadmium, Total	100		-		82-117	-		
Chromium, Total	86		-		83-119	-		
Cobalt, Total	105		-		84-116	-		
Copper, Total	88		-		84-116	-		
Lead, Total	85		-		82-117	-		
Molybdenum, Total	112		-		79-121	-		
Nickel, Total	101		-		82-117	-		
Selenium, Total	97		-		78-121	-		
Silver, Total	89		-		80-120	-		
Thallium, Total	94		-		80-119	-		
Vanadium, Total	86		-		79-121	-		
Zinc, Total	89		-		81-119	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1074718-2 SRM Lot Number: D098-540					
Mercury, Total	109	-	50-149	-	
Total Metals - Mansfield Lab Associated sample(s): 09 Batch: WG1074850-2					
Antimony, Total	86	-	80-120	-	
Arsenic, Total	108	-	80-120	-	
Barium, Total	100	-	80-120	-	
Beryllium, Total	102	-	80-120	-	
Cadmium, Total	100	-	80-120	-	
Chromium, Total	96	-	80-120	-	
Cobalt, Total	94	-	80-120	-	
Copper, Total	96	-	80-120	-	
Lead, Total	103	-	80-120	-	
Molybdenum, Total	95	-	80-120	-	
Nickel, Total	94	-	80-120	-	
Selenium, Total	104	-	80-120	-	
Silver, Total	100	-	80-120	-	
Thallium, Total	102	-	80-120	-	
Vanadium, Total	98	-	80-120	-	
Zinc, Total	100	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1073240-3 QC Sample: L1745695-01 Client ID: MS Sample												
Mercury, Total	0.04580	0.005	0.04780	**40**	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1074097-3 QC Sample: L1746394-01 Client ID: MS Sample												
Antimony, Total	ND	41.1	41.2	100		-	-		75-125	-		20
Arsenic, Total	0.298J	9.86	11.8	120		-	-		75-125	-		20
Barium, Total	3.94	164	158	94		-	-		75-125	-		20
Beryllium, Total	0.041J	4.11	3.22	78		-	-		75-125	-		20
Cadmium, Total	ND	4.19	3.45	82		-	-		75-125	-		20
Chromium, Total	1.76	16.4	16.0	87		-	-		75-125	-		20
Cobalt, Total	1.12J	41.1	34.3	83		-	-		75-125	-		20
Copper, Total	2.45	20.5	24.6	108		-	-		75-125	-		20
Lead, Total	13.9	41.9	52.0	91		-	-		75-125	-		20
Molybdenum, Total	ND	82.2	71.7	87		-	-		75-125	-		20
Nickel, Total	1.91J	41.1	34.4	84		-	-		75-125	-		20
Selenium, Total	ND	9.86	10.5	106		-	-		75-125	-		20
Silver, Total	ND	24.6	31.3	**127**	Q	-	-		75-125	-		20
Thallium, Total	ND	9.86	7.12	**72**	Q	-	-		75-125	-		20
Vanadium, Total	1.96	41.1	39.9	92		-	-		75-125	-		20
Zinc, Total	32.1	41.1	51.3	**47**	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1074718-3 QC Sample: L1746224-01 Client ID: ISS#1A												
Mercury, Total	ND	0.146	0.21	**144**	Q	-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1074850-3 QC Sample: L1745665-01 Client ID: MS Sample										
Antimony, Total	ND	0.5	0.518	104		-	-	75-125	-	20
Arsenic, Total	0.003J	0.12	0.004J	**0**	Q	-	-	75-125	-	20
Barium, Total	0.090	2	2.11	101		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.050	100		-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.047	93		-	-	75-125	-	20
Chromium, Total	1.09	0.2	1.23	**70**	Q	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.459	92		-	-	75-125	-	20
Copper, Total	ND	0.25	0.250	100		-	-	75-125	-	20
Lead, Total	0.004J	0.51	0.003J	**0**	Q	-	-	75-125	-	20
Molybdenum, Total	ND	1	0.949	95		-	-	75-125	-	20
Nickel, Total	ND	0.5	0.456	91		-	-	75-125	-	20
Selenium, Total	ND	0.12	ND	**0**	Q	-	-	75-125	-	20
Silver, Total	ND	0.05	0.054	107		-	-	75-125	-	20
Thallium, Total	0.003J	0.12	ND	**0**	Q	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.499	100		-	-	75-125	-	20
Zinc, Total	0.021J	0.5	0.516	103		-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1073240-4 QC Sample: L1745695-01 Client ID: DUP Sample						
Mercury, Total	0.04580	0.04610	mg/l	1		20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1074097-4 QC Sample: L1746394-01 Client ID: DUP Sample						
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	0.298J	ND	mg/kg	NC		20
Barium, Total	3.94	4.18	mg/kg	6		20
Beryllium, Total	0.041J	0.032J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	1.76	1.84	mg/kg	4		20
Cobalt, Total	1.12J	1.02J	mg/kg	NC		20
Copper, Total	2.45	2.36	mg/kg	4		20
Lead, Total	13.9	18.6	mg/kg	**29**	Q	20
Nickel, Total	1.91J	1.87J	mg/kg	NC		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	1.96	1.95	mg/kg	1		20
Zinc, Total	32.1	32.3	mg/kg	1		20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1074718-4 QC Sample: L1746224-01 Client ID: ISS#1A						
Mercury, Total	ND	0.02J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1074850-4 QC Sample: L1745665-01 Client ID: DUP Sample					
Chromium, Total	1.09	1.09	mg/l	0	20

INORGANICS
&
MISCELLANEOUS

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-01
Client ID: ISS#1A
Sample Location: MIDDLE RIVER, MD
Matrix: Soil

Date Collected: 12/13/17 17:00
Date Received: 12/14/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Grain Size Analysis - Mansfield Lab										
Cobbles	ND		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Coarse Gravel	ND		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Fine Gravel	3.80		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Gravel	3.80		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Coarse Sand	3.80		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Medium Sand	31.2		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Fine Sand	45.6		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Sand	80.6		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Fines	15.6		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	12/19/17 11:45	121,2540G	RI
pH (H)	7.4		SU	-	NA	1	-	12/15/17 01:50	1,9045D	UN
Moisture	13.9		%	0.100	NA	1	-	12/19/17 11:45	121,2540G	RI
Density of Soil - Mansfield Lab										
Bulk Density	116.9		lbs/ft3	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP
Moisture Content	15.80		%	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP
Dry Density	101.0		lbs/ft3	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-02
Client ID: ISS#1B
Sample Location: MIDDLE RIVER, MD
Matrix: Soil

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Grain Size Analysis - Mansfield Lab										
Cobbles	ND		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Coarse Gravel	ND		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Fine Gravel	5.00		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Gravel	5.00		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Coarse Sand	9.30		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Medium Sand	12.7		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Fine Sand	40.4		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Sand	62.4		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Fines	32.6		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	12/19/17 11:45	121,2540G	RI
pH (H)	6.7		SU	-	NA	1	-	12/15/17 01:50	1,9045D	UN
Moisture	16.4		%	0.100	NA	1	-	12/19/17 11:45	121,2540G	RI
Density of Soil - Mansfield Lab										
Bulk Density	128.9		lbs/ft3	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP
Moisture Content	21.50		%	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP
Dry Density	106.1		lbs/ft3	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-03
Client ID: ISS#3A
Sample Location: MIDDLE RIVER, MD
Matrix: Soil

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Grain Size Analysis - Mansfield Lab										
Cobbles	ND		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Coarse Gravel	ND		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Fine Gravel	ND		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Gravel	ND		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Coarse Sand	0.200		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Medium Sand	2.30		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Fine Sand	36.1		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Sand	38.6		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Fines	61.4		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	12/19/17 11:45	121,2540G	RI
pH (H)	6.0		SU	-	NA	1	-	12/15/17 01:50	1,9045D	UN
Moisture	14.8		%	0.100	NA	1	-	12/19/17 11:45	121,2540G	RI
Density of Soil - Mansfield Lab										
Bulk Density	104.1		lbs/ft3	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP
Moisture Content	20.90		%	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP
Dry Density	86.09		lbs/ft3	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-04
Client ID: ISS#3B
Sample Location: MIDDLE RIVER, MD
Matrix: Soil

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Grain Size Analysis - Mansfield Lab										
Cobbles	ND		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Coarse Gravel	ND		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Fine Gravel	1.60		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Gravel	1.60		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Coarse Sand	5.70		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Medium Sand	19.5		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Fine Sand	51.9		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Sand	77.1		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Fines	21.3		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	12/19/17 11:45	121,2540G	RI
pH (H)	6.3		SU	-	NA	1	-	12/15/17 01:50	1,9045D	UN
Moisture	14.1		%	0.100	NA	1	-	12/19/17 11:45	121,2540G	RI
Density of Soil - Mansfield Lab										
Bulk Density	115.5		lbs/ft3	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP
Moisture Content	16.00		%	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP
Dry Density	99.56		lbs/ft3	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-05
Client ID: ISS#4A
Sample Location: MIDDLE RIVER, MD
Matrix: Soil

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Grain Size Analysis - Mansfield Lab										
Cobbles	ND		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Coarse Gravel	ND		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Fine Gravel	4.20		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Gravel	4.20		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Coarse Sand	6.50		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Medium Sand	19.1		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Fine Sand	45.7		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Sand	71.3		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Fines	24.5		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	12/19/17 11:45	121,2540G	RI
pH (H)	5.8		SU	-	NA	1	-	12/15/17 01:50	1,9045D	UN
Moisture	12.8		%	0.100	NA	1	-	12/19/17 11:45	121,2540G	RI
Density of Soil - Mansfield Lab										
Bulk Density	116.8		lbs/ft3	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP
Moisture Content	21.40		%	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP
Dry Density	69.20		lbs/ft3	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-06
Client ID: ISS#4B
Sample Location: MIDDLE RIVER, MD
Matrix: Soil
Date Collected: 12/13/17 14:00
Date Received: 12/14/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Grain Size Analysis - Mansfield Lab										
Cobbles	ND		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Coarse Gravel	ND		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Fine Gravel	0.800		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Gravel	0.800		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Coarse Sand	1.70		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Medium Sand	5.80		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Fine Sand	7.90		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Sand	15.4		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Fines	83.8		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
General Chemistry - Westborough Lab										
Solids, Total	84.1		%	0.100	NA	1	-	12/19/17 11:45	121,2540G	RI
pH (H)	5.4		SU	-	NA	1	-	12/15/17 01:50	1,9045D	UN
Moisture	15.9		%	0.100	NA	1	-	12/19/17 11:45	121,2540G	RI
Density of Soil - Mansfield Lab										
Bulk Density	93.60		lbs/ft3	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP
Moisture Content	24.60		%	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP
Dry Density	75.10		lbs/ft3	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-07
Client ID: ISS#5A
Sample Location: MIDDLE RIVER, MD
Matrix: Soil

Date Collected: 12/13/17 14:00
Date Received: 12/14/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Grain Size Analysis - Mansfield Lab										
Cobbles	ND		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Coarse Gravel	ND		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Fine Gravel	2.70		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Gravel	2.70		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Coarse Sand	7.60		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Medium Sand	8.50		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Fine Sand	36.8		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Sand	52.9		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Fines	44.4		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	12/19/17 11:45	121,2540G	RI
pH (H)	5.4		SU	-	NA	1	-	12/15/17 01:50	1,9045D	UN
Moisture	15.2		%	0.100	NA	1	-	12/19/17 11:45	121,2540G	RI
Density of Soil - Mansfield Lab										
Bulk Density	96.37		lbs/ft3	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP
Moisture Content	16.80		%	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP
Dry Density	82.52		lbs/ft3	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-08
Client ID: ISS#5B
Sample Location: MIDDLE RIVER, MD
Matrix: Soil
Date Collected: 12/13/17 14:00
Date Received: 12/14/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Grain Size Analysis - Mansfield Lab										
Cobbles	ND		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Coarse Gravel	ND		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Fine Gravel	2.00		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Gravel	2.00		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Coarse Sand	4.30		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Medium Sand	10.2		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Fine Sand	30.3		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Sand	44.8		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
% Total Fines	53.2		%	0.100	NA	1	-	12/19/17 11:52	12,D6913/D7928	RM
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	12/19/17 11:45	121,2540G	RI
pH (H)	5.4		SU	-	NA	1	-	12/15/17 01:50	1,9045D	UN
Moisture	14.0		%	0.100	NA	1	-	12/19/17 11:45	121,2540G	RI
Density of Soil - Mansfield Lab										
Bulk Density	92.30		lbs/ft3	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP
Moisture Content	16.20		%	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP
Dry Density	79.45		lbs/ft3	0.0100	NA	1	-	12/27/17 15:03	12,D7263	SP

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

SAMPLE RESULTS

Lab ID: L1746224-09
Client ID: IWE-03
Sample Location: MIDDLE RIVER, MD
Matrix: Water

Date Collected: 12/13/17 13:00
Date Received: 12/14/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
pH (H)	6.0		SU	-	NA	1	-	12/15/17 01:50	1,9040C	UN

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 09 Batch: WG1072987-1								
pH	100		-		99-101	-		5
General Chemistry - Westborough Lab Associated sample(s): 01-08 Batch: WG1072988-1								
pH	100		-		99-101	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1072987-2 QC Sample: L1746224-09 Client ID: IWE-03						
pH (H)	6.0	6.0	SU	0		5
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1072988-2 QC Sample: L1746245-01 Client ID: DUP Sample						
pH	8.3	8.4	SU	1		5
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1074305-1 QC Sample: L1746224-01 Client ID: ISS#1A						
Solids, Total	86.1	87.4	%	1		20
Moisture	13.9	12.6	%	10		20
Grain Size Analysis - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1074426-1 QC Sample: L1746224-01 Client ID: ISS#1A						
Cobbles	ND	ND	%	NC		20
% Coarse Gravel	ND	ND	%	NC		20
% Fine Gravel	3.80	1.90	%	**67**	Q	20
% Total Gravel	3.80	1.90	%	**67**	Q	20
% Coarse Sand	3.80	3.40	%	11		20
% Medium Sand	31.2	28.6	%	9		20
% Fine Sand	45.6	45.3	%	1		20
% Total Sand	80.6	77.3	%	4		20
% Total Fines	15.6	20.8	%	**29**	Q	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Density of Soil - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1076879-1 QC Sample: L1746224-01 Client ID: ISS#1A					
Bulk Density	116.9	111.0	lbs/ft3	5	20
Moisture Content	15.80	15.60	%	1	20
Dry Density	101.0	96.10	lbs/ft3	5	20

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1746224-01A	Vial MeOH preserved	A	NA		3.0	Y	Absent		8260H(14)
L1746224-01D	Plastic 2oz unpreserved for TS	A	NA		3.0	Y	Absent		TS(7),PH-9045(1)
L1746224-01E	Glass 250ml/8oz unpreserved	A	NA		3.0	Y	Absent		PAHTCL-SIM(14),PCB-8082(14),MOISTURE(7)
L1746224-01F	Bag	A	NA		3.0	Y	Absent		A2-HYDRO-TFINE(),A2-DENSITY-SOIL(),A2-HYDRO-CFINE(),A2-HYDRO-CGRAVEL(),A2-HYDRO-FSAND(),A2-HYDRO-MSAND(),A2-HYDRO-TGRAVEL(),A2-HYDRO-CSAND(),A2-HYDRO-SFINE(),A2-HYDRO-TSAND(),A2-HYDRO-COBBLES(),A2-HYDRO-FGRAVEL()
L1746224-01G	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),MO-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),CD-TI(180)
L1746224-02A	Vial MeOH preserved	A	NA		3.0	Y	Absent		8260H(14)
L1746224-02D	Plastic 2oz unpreserved for TS	A	NA		3.0	Y	Absent		TS(7),PH-9045(1)
L1746224-02E	Glass 250ml/8oz unpreserved	A	NA		3.0	Y	Absent		PAHTCL-SIM(14),PCB-8082(14),MOISTURE(7)
L1746224-02F	Bag	A	NA		3.0	Y	Absent		A2-HYDRO-TFINE(),A2-DENSITY-SOIL(),A2-HYDRO-CFINE(),A2-HYDRO-CGRAVEL(),A2-HYDRO-FSAND(),A2-HYDRO-MSAND(),A2-HYDRO-TGRAVEL(),A2-HYDRO-CSAND(),A2-HYDRO-SFINE(),A2-HYDRO-TSAND(),A2-HYDRO-COBBLES(),A2-HYDRO-FGRAVEL()
L1746224-02G	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),MO-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),CD-TI(180)
L1746224-03A	Vial MeOH preserved	A	NA		3.0	Y	Absent		8260H(14)
L1746224-03D	Plastic 2oz unpreserved for TS	A	NA		3.0	Y	Absent		TS(7),PH-9045(1)
L1746224-03E	Glass 250ml/8oz unpreserved	A	NA		3.0	Y	Absent		PAHTCL-SIM(14),PCB-8082(14),MOISTURE(7)

*Values in parentheses indicate holding time in days

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1746224-03F	Bag	A	NA		3.0	Y	Absent		A2-HYDRO-TFINE(),A2-DENSITY-SOIL(),A2-HYDRO-CFINE(),A2-HYDRO-CGRAVEL(),A2-HYDRO-FSAND(),A2-HYDRO-MSAND(),A2-HYDRO-TGRAVEL(),A2-HYDRO-CSAND(),A2-HYDRO-SFINE(),A2-HYDRO-TSAND(),A2-HYDRO-COBBLES(),A2-HYDRO-FGRAVEL()
L1746224-03G	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),MO-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),CD-TI(180)
L1746224-04A	Vial MeOH preserved	A	NA		3.0	Y	Absent		8260H(14)
L1746224-04D	Plastic 2oz unpreserved for TS	A	NA		3.0	Y	Absent		TS(7),PH-9045(1)
L1746224-04E	Glass 250ml/8oz unpreserved	A	NA		3.0	Y	Absent		PAHTCL-SIM(14),PCB-8082(14),MOISTURE(7)
L1746224-04F	Bag	A	NA		3.0	Y	Absent		A2-HYDRO-TFINE(),A2-DENSITY-SOIL(),A2-HYDRO-CFINE(),A2-HYDRO-CGRAVEL(),A2-HYDRO-FSAND(),A2-HYDRO-MSAND(),A2-HYDRO-TGRAVEL(),A2-HYDRO-CSAND(),A2-HYDRO-SFINE(),A2-HYDRO-TSAND(),A2-HYDRO-COBBLES(),A2-HYDRO-FGRAVEL()
L1746224-04G	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),MO-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),CD-TI(180)
L1746224-05A	Vial MeOH preserved	A	NA		3.0	Y	Absent		8260H(14)
L1746224-05D	Plastic 2oz unpreserved for TS	A	NA		3.0	Y	Absent		TS(7),PH-9045(1)
L1746224-05E	Glass 250ml/8oz unpreserved	A	NA		3.0	Y	Absent		PAHTCL-SIM(14),PCB-8082(14),MOISTURE(7)
L1746224-05F	Bag	A	NA		3.0	Y	Absent		A2-HYDRO-TFINE(),A2-DENSITY-SOIL(),A2-HYDRO-CFINE(),A2-HYDRO-CGRAVEL(),A2-HYDRO-FSAND(),A2-HYDRO-MSAND(),A2-HYDRO-TGRAVEL(),A2-HYDRO-CSAND(),A2-HYDRO-SFINE(),A2-HYDRO-TSAND(),A2-HYDRO-COBBLES(),A2-HYDRO-FGRAVEL()
L1746224-05G	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),MO-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),CD-TI(180)
L1746224-06A	Vial MeOH preserved	A	NA		3.0	Y	Absent		8260H(14)
L1746224-06D	Plastic 2oz unpreserved for TS	A	NA		3.0	Y	Absent		TS(7),PH-9045(1)
L1746224-06E	Glass 250ml/8oz unpreserved	A	NA		3.0	Y	Absent		PAHTCL-SIM(14),PCB-8082(14),MOISTURE(7)

*Values in parentheses indicate holding time in days

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1746224-06F	Bag	A	NA		3.0	Y	Absent		A2-HYDRO-TFINE(),A2-DENSITY-SOIL(),A2-HYDRO-CFINE(),A2-HYDRO-CGRAVEL(),A2-HYDRO-FSAND(),A2-HYDRO-MSAND(),A2-HYDRO-TGRAVEL(),A2-HYDRO-CSAND(),A2-HYDRO-SFINE(),A2-HYDRO-TSAND(),A2-HYDRO-COBBLES(),A2-HYDRO-FGRAVEL()
L1746224-06G	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),MO-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),CD-TI(180)
L1746224-07A	Vial MeOH preserved	A	NA		3.0	Y	Absent		8260H(14)
L1746224-07D	Plastic 2oz unpreserved for TS	A	NA		3.0	Y	Absent		TS(7),PH-9045(1)
L1746224-07E	Glass 250ml/8oz unpreserved	A	NA		3.0	Y	Absent		PAHTCL-SIM(14),PCB-8082(14),MOISTURE(7)
L1746224-07F	Bag	A	NA		3.0	Y	Absent		A2-HYDRO-TFINE(),A2-DENSITY-SOIL(),A2-HYDRO-CFINE(),A2-HYDRO-CGRAVEL(),A2-HYDRO-FSAND(),A2-HYDRO-MSAND(),A2-HYDRO-TGRAVEL(),A2-HYDRO-CSAND(),A2-HYDRO-SFINE(),A2-HYDRO-TSAND(),A2-HYDRO-COBBLES(),A2-HYDRO-FGRAVEL()
L1746224-07G	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),MO-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),CD-TI(180)
L1746224-08A	Vial MeOH preserved	A	NA		3.0	Y	Absent		8260H(14)
L1746224-08D	Plastic 2oz unpreserved for TS	A	NA		3.0	Y	Absent		TS(7),PH-9045(1)
L1746224-08E	Glass 250ml/8oz unpreserved	A	NA		3.0	Y	Absent		PAHTCL-SIM(14),PCB-8082(14),MOISTURE(7)
L1746224-08F	Bag	A	NA		3.0	Y	Absent		A2-HYDRO-TFINE(),A2-DENSITY-SOIL(),A2-HYDRO-CFINE(),A2-HYDRO-CGRAVEL(),A2-HYDRO-FSAND(),A2-HYDRO-MSAND(),A2-HYDRO-TGRAVEL(),A2-HYDRO-CSAND(),A2-HYDRO-SFINE(),A2-HYDRO-TSAND(),A2-HYDRO-COBBLES(),A2-HYDRO-FGRAVEL()
L1746224-08G	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),MO-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),CD-TI(180)
L1746224-09A	Vial HCl preserved	B	NA		4.2	Y	Absent		8260(14)
L1746224-09B	Vial HCl preserved	B	NA		4.2	Y	Absent		8260(14)
L1746224-09C	Vial HCl preserved	B	NA		4.2	Y	Absent		8260(14)

*Values in parentheses indicate holding time in days

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1746224
Report Date: 12/29/17

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1746224-09D	Amber 1000ml unpreserved	B	7	7	4.2	Y	Absent		HOLD-8270(7)
L1746224-09E	Amber 1000ml unpreserved	B	7	7	4.2	Y	Absent		PCB-8082(7)
L1746224-09H	Plastic 60ml unpreserved	B	7	7	4.2	Y	Absent		PH-9040(1)
L1746224-09I	Plastic 250ml HNO3 preserved	B	<2	<2	4.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),MO-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name:	TETRA TECH ISS	**Lab Number:**	L1746224
Project Number:	10017	**Report Date:**	12/29/17

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report with 'J' Qualifiers

Project Name:	TETRA TECH ISS	**Lab Number:**	L1746224
Project Number:	10017	**Report Date:**	12/29/17

Data Qualifiers

projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1746224
Report Date: 12/29/17

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

12 Annual Book of ASTM Standards. (American Society for Testing and Materials) ASTM International.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

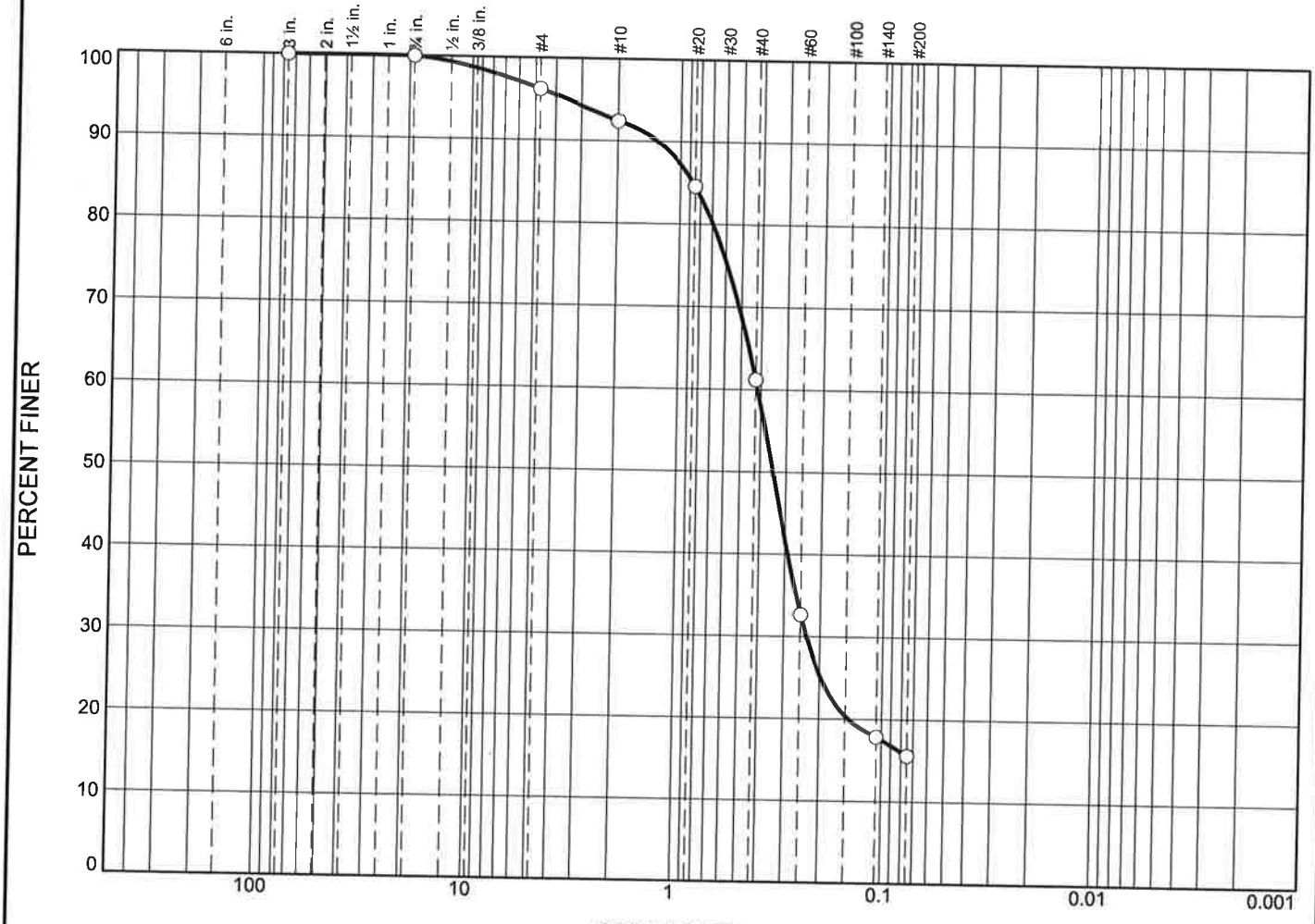
Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ASTM D6913/D7928

GRAIN SIZE ANALYSIS

Particle Size Distribution Report



	% +3"	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○	0.0	0.0	3.8	3.8	31.2	45.6	15.6	

	Colloids	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○				0.8693	0.4155	0.3473	0.2334				

	Material Description	USCS	AASHTO
○			

Project No. **Client:**

Project:

○ **Source of Sample:** ISS#1A **Sample Number:** 11746224-01

Date: ○

Alpha Analytical

Mansfield, MA

Remarks:

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

12/27/2017

Location: ISS#1A

Sample Number: l1746224-01

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare =** 88.86
Tare Wt. = 0.00
Minus #200 from wash = 0.0%

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
88.86	0.00	3	0.00	0.00	100.0
		0.75	0.00	0.00	100.0
		#4	3.39	0.00	96.2
		#10	3.37	0.00	92.4
		#20	6.94	0.00	84.6
		#40	20.80	0.00	61.2
		#60	25.29	0.00	32.7
		#140	13.17	0.00	17.9
		#200	2.06	0.00	15.6

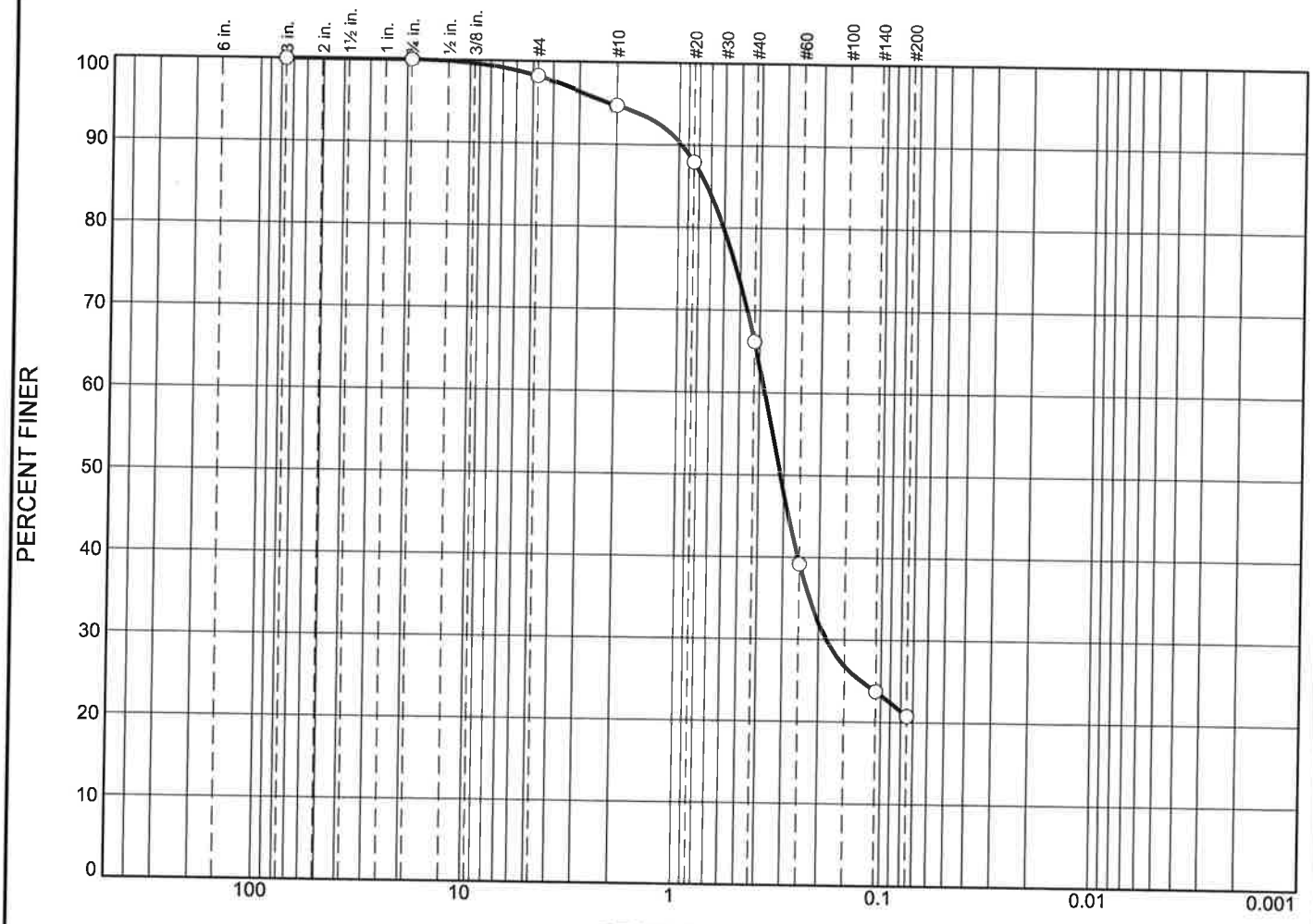
Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	0.0	3.8	3.8	3.8	31.2	45.6	80.6			15.6

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
			0.1444	0.2334	0.2906	0.3473	0.4155	0.6946	0.8693	1.2965	3.5903

Fineness Modulus
1.85

Particle Size Distribution Report



	% +3"	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○	0.0	0.0	1.9	3.4	28.6	45.3	20.8	

	Colloids	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○				0.7328	0.3768	0.3129	0.1834				

Material Description	USCS	AASHTO
○		

Project No. **Client:**

Project:

○ **Source of Sample:** ISS#1A **Sample Number:** WG1074426-1

Date: ○

Alpha Analytical

Mansfield, MA

Remarks:

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

12/27/2017

Location: ISS#1A

Sample Number: WG1074426-1

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare =** 89.00
Tare Wt. = 0.00
Minus #200 from wash = 0.0%

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
89.00	0.00	3	0.00	0.00	100.0
		0.75	0.00	0.00	100.0
		#4	1.66	0.00	98.1
		#10	3.10	0.00	94.7
		#20	5.98	0.00	87.9
		#40	19.39	0.00	66.1
		#60	23.99	0.00	39.2
		#140	13.73	0.00	23.8
		#200	2.67	0.00	20.8

Fractional Components

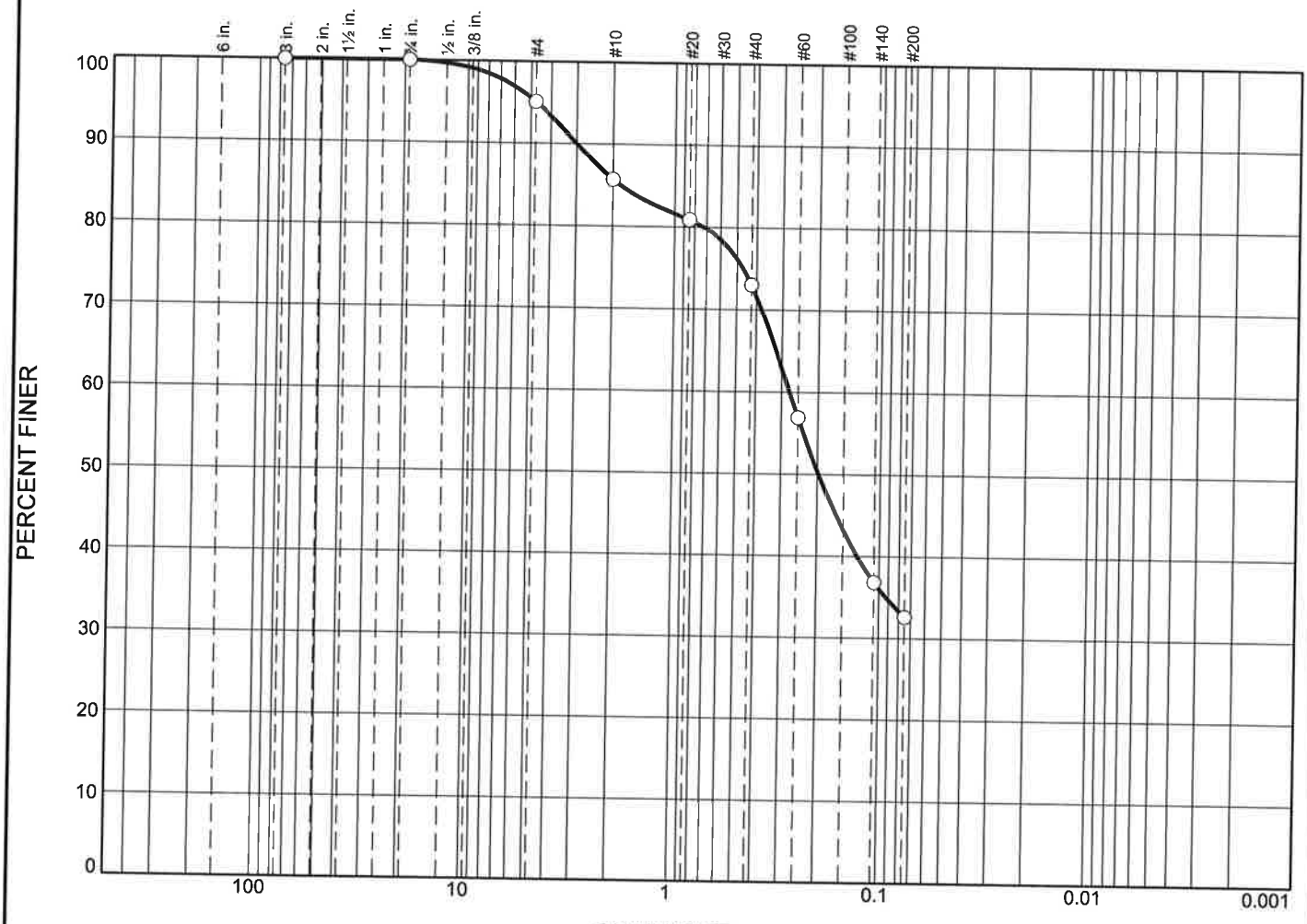
Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	0.0	1.9	1.9	3.4	28.6	45.3	77.3			20.8

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
				0.1834	0.2549	0.3129	0.3768	0.6062	0.7328	0.9764	2.1861

Fineness Modulus
1.61

Alpha Analytical

Particle Size Distribution Report



	% +3"	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○	0.0	0.0	5.0	9.3	12.7	40.4	32.6	

	Colloids	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○				1.8449	0.2753	0.1978					

	Material Description	USCS	AASHTO
○			

Project No. **Client:**

Project:

○ **Source of Sample:** ISS#1B **Sample Number:** L1746224-02

Date: ○

Alpha Analytical

Mansfield, MA

Remarks:

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

12/27/2017

Location: ISS#1B

Sample Number: L1746224-02

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare =** 99.53
Tare Wt. = 0.00
Minus #200 from wash = 0.0%

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
99.53	0.00	3	0.00	0.00	100.0
		0.75	0.00	0.00	100.0
		#4	4.93	0.00	95.0
		#10	9.33	0.00	85.7
		#20	4.80	0.00	80.8
		#40	7.79	0.00	73.0
		#60	16.06	0.00	56.9
		#140	19.94	0.00	36.9
		#200	4.22	0.00	32.6

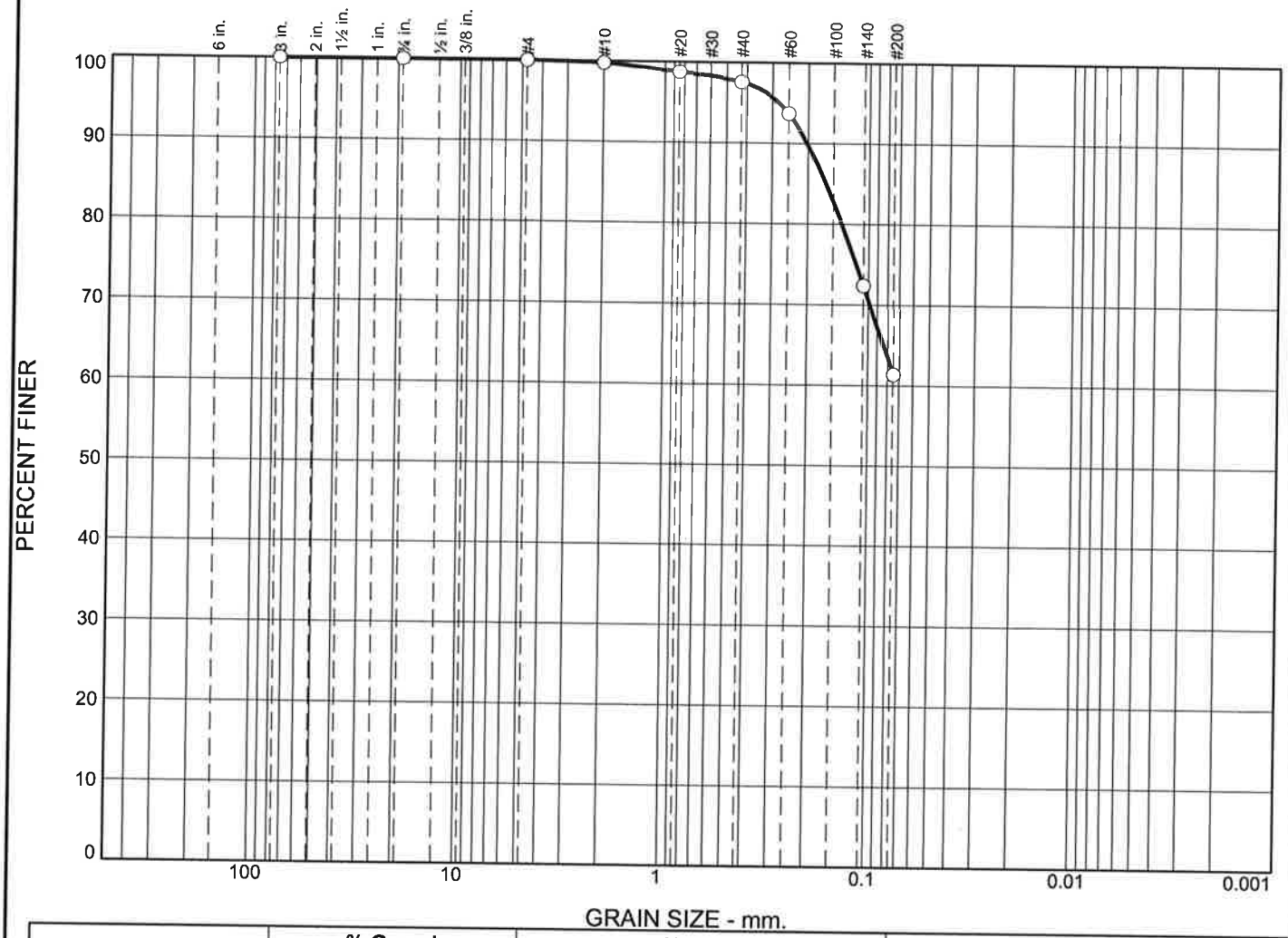
Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	0.0	5.0	5.0	9.3	12.7	40.4	62.4			32.6

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
					0.1280	0.1978	0.2753	0.7243	1.8449	3.0011	4.7262

Fineness Modulus
1.52

Particle Size Distribution Report



	% +3"	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○	0.0	0.0	0.0	0.2	2.3	36.1	61.4	

	Colloids	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○				0.1638							

	Material Description	USCS	AASHTO
○			

Project No. **Client:**

Project:

○ **Source of Sample:** ISS#3A **Sample Number:** L1746224-03

Date: ○

Alpha Analytical

Mansfield, MA

Remarks:

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

12/27/2017

Location: ISS#3A

Sample Number: L1746224-03

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare =** 67.00
Tare Wt. = 0.00
Minus #200 from wash = 0.0%

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
67.00	0.00	3	0.00	0.00	100.0
		0.75	0.00	0.00	100.0
		#4	0.00	0.00	100.0
		#10	0.15	0.00	99.8
		#20	0.72	0.00	98.7
		#40	0.82	0.00	97.5
		#60	2.59	0.00	93.6
		#140	14.22	0.00	72.4
		#200	7.38	0.00	61.4

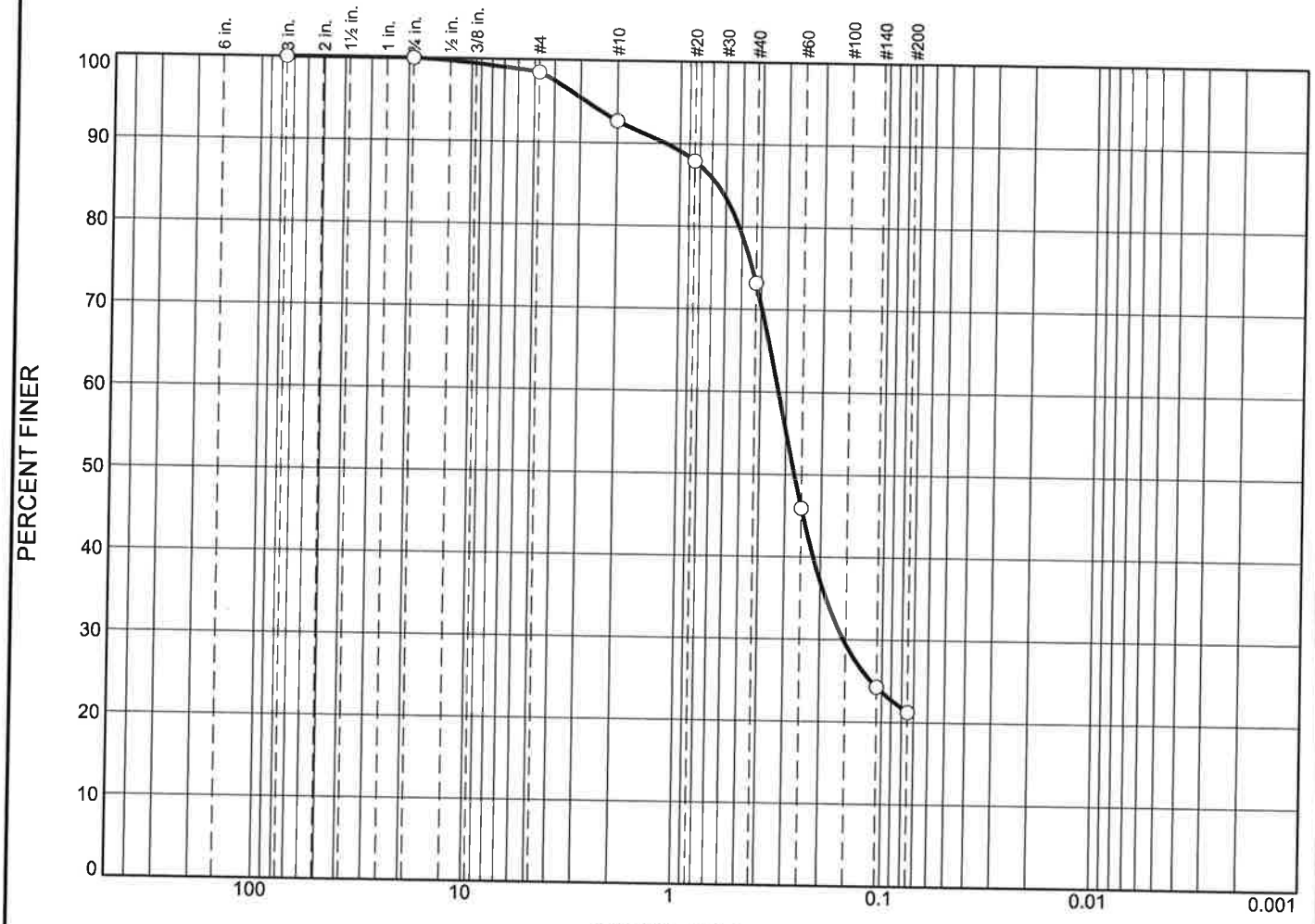
Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	0.0	0.0	0.0	0.2	2.3	36.1	38.6			61.4

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
								0.1364	0.1638	0.2031	0.2803

Fineness Modulus
0.24

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	1.6	5.7	19.5	51.9	21.3	

Colloids	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
			0.6558	0.3268	0.2716	0.1541				

Material Description	USCS	AASHTO

Project No. **Client:**

Project:

Source of Sample: ISS#3B **Sample Number:** L1746224-04

Date:

Alpha Analytical

Mansfield, MA

Remarks:

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

12/27/2017

Location: ISS#3B

Sample Number: L1746224-04

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare =** 93.36
Tare Wt. = 0.00
Minus #200 from wash = 0.0%

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
93.36	0.00	3	0.00	0.00	100.0
		0.75	0.00	0.00	100.0
		#4	1.46	0.00	98.4
		#10	5.39	0.00	92.7
		#20	4.45	0.00	87.9
		#40	13.71	0.00	73.2
		#60	25.49	0.00	45.9
		#140	20.17	0.00	24.3
		#200	2.84	0.00	21.3

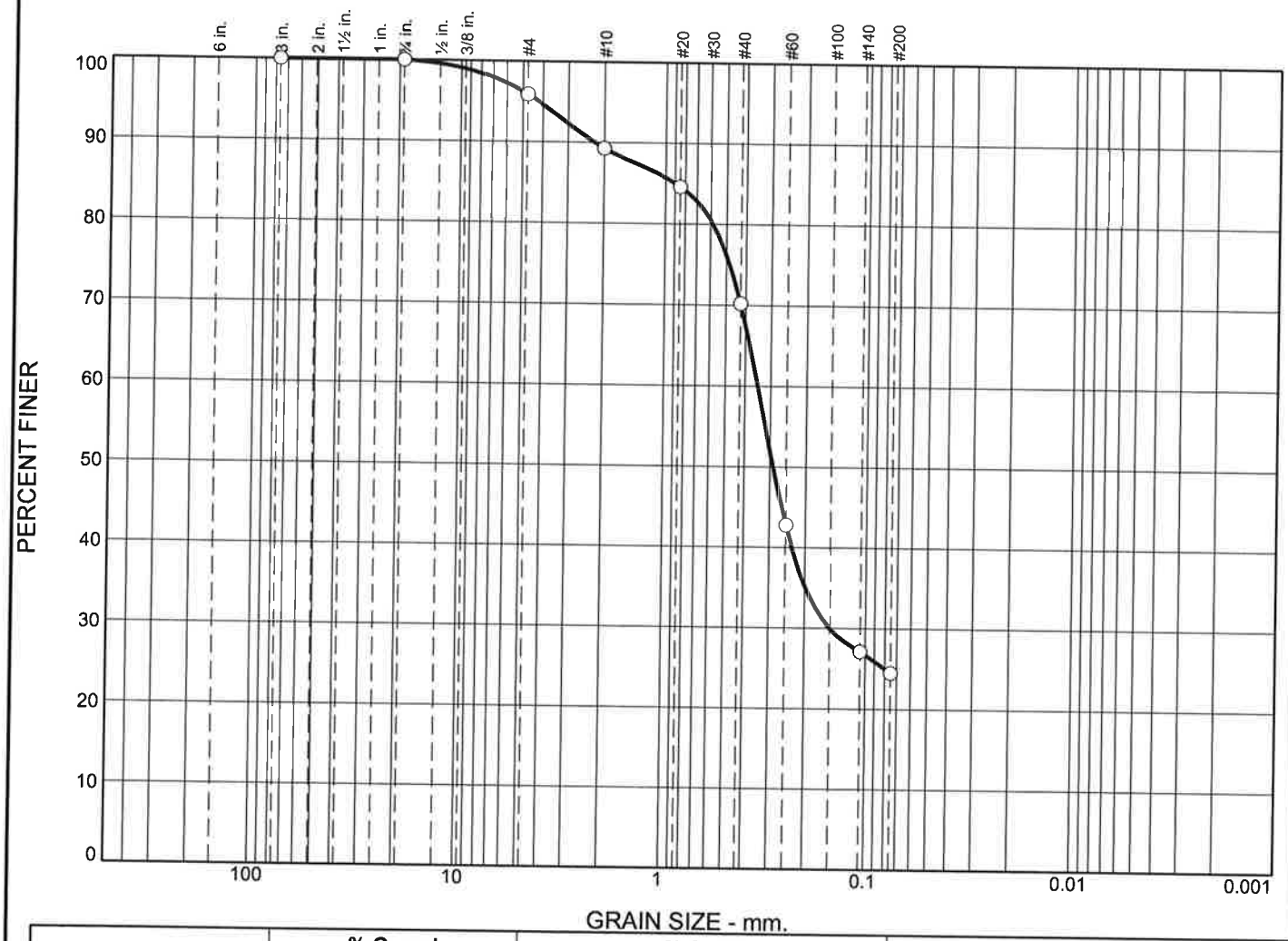
Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	0.0	1.6	1.6	5.7	19.5	51.9	77.1			21.3

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
				0.1541	0.2175	0.2716	0.3268	0.5167	0.6558	1.1706	2.8285

Fineness Modulus
1.50

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	4.2	6.5	19.1	45.7	24.5	

Colloids	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
			0.8990	0.3471	0.2896	0.1505				

Material Description	USCS	AASHTO

Project No. **Client:**

Project:

Source of Sample: ISS#4A **Sample Number:** L1746224-05

Date:

Alpha Analytical

Mansfield, MA

Remarks:

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

12/27/2017

Location: ISS#4A

Sample Number: L1746224-05

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare =** 88.76
Tare Wt. = 0.00
Minus #200 from wash = 0.0%

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
88.76	0.00	3	0.00	0.00	100.0
		0.75	0.00	0.00	100.0
		#4	3.72	0.00	95.8
		#10	5.81	0.00	89.3
		#20	4.14	0.00	84.6
		#40	12.77	0.00	70.2
		#60	24.35	0.00	42.8
		#140	13.87	0.00	27.2
		#200	2.36	0.00	24.5

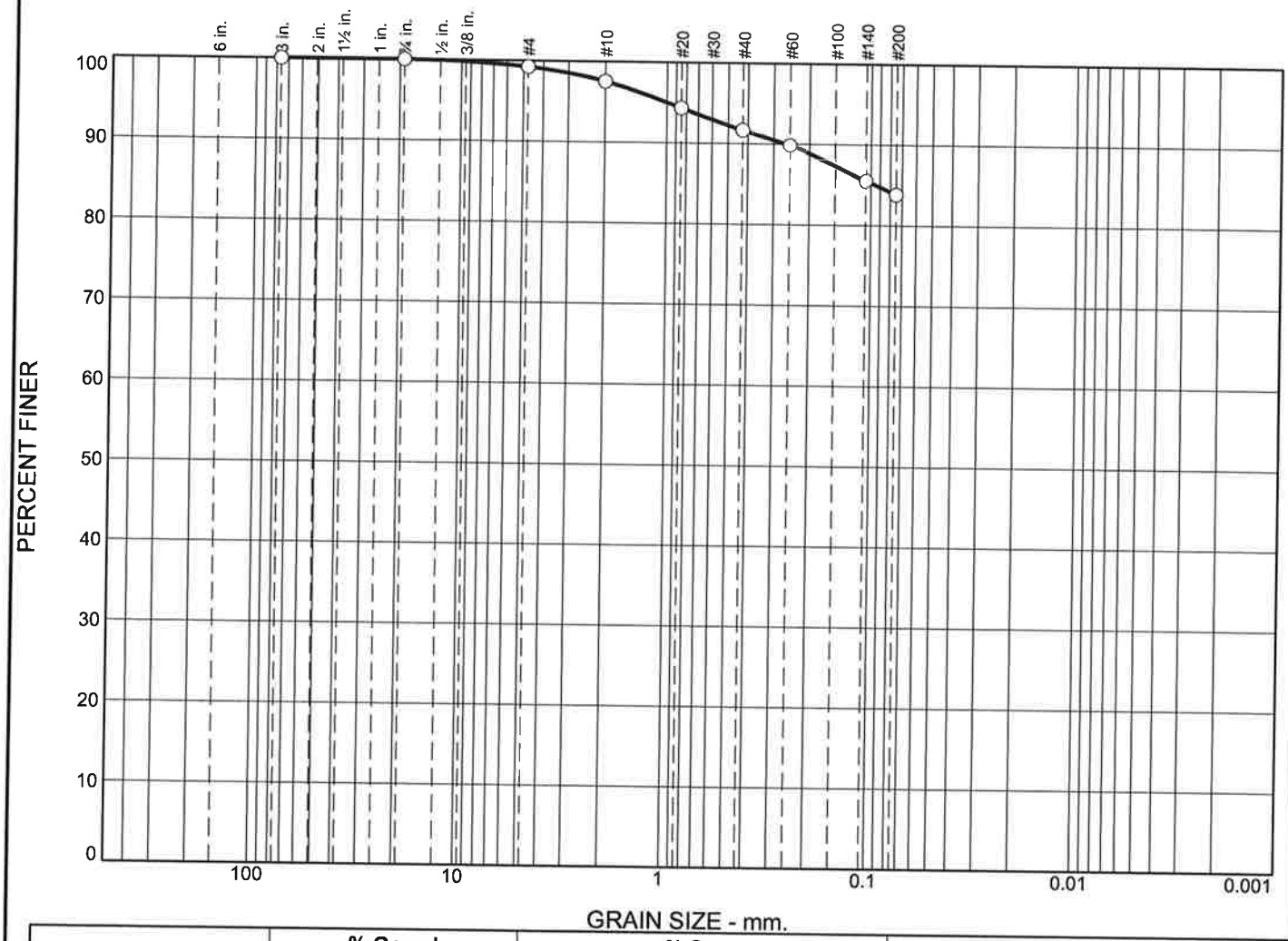
Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	0.0	4.2	4.2	6.5	19.1	45.7	71.3			24.5

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
				0.1505	0.2334	0.2896	0.3471	0.5848	0.8990	2.2347	4.2358

Fineness Modulus
1.66

Particle Size Distribution Report



	% +3"	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○	0.0	0.0	0.8	1.7	5.8	7.9	83.8	

	Colloids	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○				0.0949							

	Material Description	USCS	AASHTO
○			

Project No. **Client:**

Project:

○ **Source of Sample:** ISS#4B **Sample Number:** L1746224-06

Date: ○

Alpha Analytical

Mansfield, MA

Remarks:

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

12/27/2017

Location: ISS#4B

Sample Number: L1746224-06

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare =** 69.49
Tare Wt. = 0.00
Minus #200 from wash = 0.0%

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
69.49	0.00	3	0.00	0.00	100.0
		0.75	0.00	0.00	100.0
		#4	0.54	0.00	99.2
		#10	1.18	0.00	97.5
		#20	2.22	0.00	94.3
		#40	1.86	0.00	91.7
		#60	1.28	0.00	89.8
		#140	2.95	0.00	85.6
		#200	1.21	0.00	83.8

Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	0.0	0.8	0.8	1.7	5.8	7.9	15.4			83.8

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
									0.0949	0.2623	1.0012

Fineness Modulus
0.37

Particle Size Distribution Report



	% +3"	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○	0.0	0.0	2.7	7.6	8.5	36.8	44.4	

	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○			1.0047	0.1322	0.0942					

	Material Description	USCS	AASHTO
○			

Project No. **Client:**

Project:

○ **Source of Sample:** ISS#5A **Sample Number:** L1746224-07

Remarks:

Alpha Analytical

Mansfield, MA

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

12/29/2017

Location: ISS#5A

Sample Number: L1746224-07

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare =** 79.23
Tare Wt. = 0.00
Minus #200 from wash = 0.0%

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
79.23	0.00	3	0.00	0.00	100.0
		0.75	0.00	0.00	100.0
		#4	2.17	0.00	97.3
		#10	6.03	0.00	89.7
		#20	4.39	0.00	84.1
		#40	2.34	0.00	81.2
		#60	2.89	0.00	77.5
		#140	19.26	0.00	53.2
		#200	6.96	0.00	44.4

Fractional Components

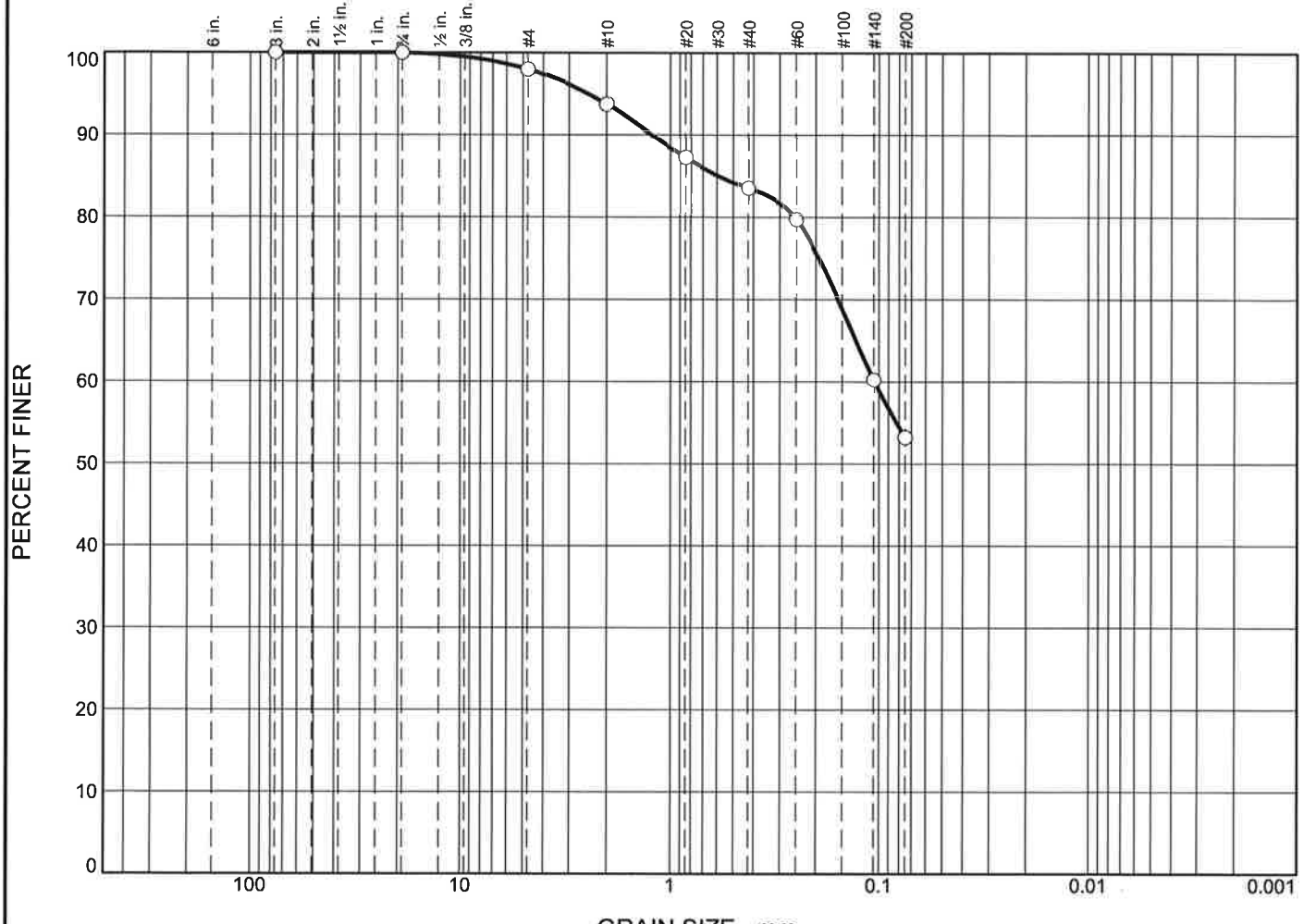
Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	0.0	2.7	2.7	7.6	8.5	36.8	52.9			44.4

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
						0.0942	0.1322	0.3142	1.0047	2.0830	3.5711

Fineness Modulus
1.01

Alpha Analytical

Particle Size Distribution Report



	% +3"	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○	0.0	0.0	2.0	4.3	10.2	30.3	53.2	

	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○			0.5900	0.1050						

	Material Description	USCS	AASHTO
○			

Project No. **Client:**

Project:

○ **Source of Sample:** ISS#5B **Sample Number:** L1746224-08

Remarks:

Alpha Analytical

Mansfield, MA

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

12/29/2017

Location: ISS#5B

Sample Number: L1746224-08

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare =** 65.13
Tare Wt. = 0.00
Minus #200 from wash = 0.0%

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
65.13	0.00	3	0.00	0.00	100.0
		0.75	0.00	0.00	100.0
		#4	1.32	0.00	98.0
		#10	2.76	0.00	93.7
		#20	4.26	0.00	87.2
		#40	2.42	0.00	83.5
		#60	2.49	0.00	79.7
		#140	12.66	0.00	60.2
		#200	4.56	0.00	53.2

Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	0.0	2.0	2.0	4.3	10.2	30.3	44.8			53.2

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
							0.1050	0.2564	0.5900	1.2304	2.4375

Fineness Modulus
0.83

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: NPW and SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
EPA 9012B: NPW: Total Cyanide
EPA 9050A: NPW: Specific Conductance
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
SM 2540D: TSS
EPA 3005A NPW
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E.**

Mansfield Facility:

Drinking Water
EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE ____ OF ____

Date Rec'd in Lab: 12/14/17

ALPHA Job #: L1746224

ALPHA ANALYTICAL
8 Walkup Drive
Westboro, MA 01581
Tel: 508-898-9220

320 Forbes Blvd
Mansfield, MA 02048
Tel: 508-822-9300

Project Information

Project Name: Tetra Tech ISS

Project Location: Middle River, MD

Project #: 10017

Project Manager: Amine Dahmani

ALPHA Quote #:

Report Information - Data Deliverables

☐ ADEx ☑ EMAIL

Billing Information

☑ Same as Client info PO #:

Client Information

Client: SESI

Address: 12A Maple Ave. Pine Brook, NJ

Phone: 860-942-2881

Email: ad@SESI.org

Turn-Around Time

☐ Standard ☑ RUSH (only confirmed if pre-approved!)

Date Due: 5-day TAT

Regulatory Requirements & Project Information Requirements

☐ Yes ☐ No MA MCP Analytical Methods ☐ Yes ☐ No CT RCP Analytical Methods

☐ Yes ☐ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)

☐ Yes ☐ No GW1 Standards (Info Required for Metals & EPH with Targets)

☐ Yes ☐ No NPDES RGP

☐ Other State /Fed Program ____ Criteria ____

Additional Project Information:

ANALYSIS: VOC: ☑ 8260 ☐ 624 ☐ 524.2; SVOC: ☐ ABN ☑ PAH TCL-SIM; METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15; METALS: ☐ RCRA5 ☐ RCRA8 ☑ PP13 + Ba, Co, Mn, V; EPH: ☐ Ranges & Targets ☐ Ranges Only; VPH: ☐ Ranges & Targets ☐ Ranges Only; ☑ PCB ☐ PEST; TPH: ☐ Quant Only ☐ Fingerprint; Grain size; pH; Bulk density; Moisture Content

SAMPLE INFO: Filtration ☐ Field ☐ Lab to do; Preservation ☐ Lab to do

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	VOC	SVOC	METALS	METALS	EPH	VPH	PCB	TPH	Grain size	pH	Bulk density	Moisture Content			Sample Comments
46224-01	ISS #1A	12/13/17	5:00 p.m.	Soil	KD	✓	✓		✓			✓		✓	✓	✓	✓			for metals:
02	ISS #1B			"	KD															PP13+Co, V, Mo
03	ISS #3A			"	KD															and Ba
04	ISS #3B			"	KD															
05	ISS #4A			"	KD															
06	ISS #4B			"	KD															
07	ISS #5A			"	KD															
08	ISS #5B			"	KD															
09	IWE-03			Water	KD	✓	✓	✓				✓			✓					

Container Type																			
Preservative																			

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H = $Na_2S_2O_3$
I= Ascorbic Acid
J = NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	12/14/17 16:00	[signature]	12/14/17 1610
[signature]	12/14/17 1847	[signature]	12/14/17 1847

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

ANALYTICAL REPORT

Lab Number:	L1747614
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Amine Dahmani
Phone:	(973) 808-9050
Project Name:	TETRA TECH ISS
Project Number:	10017
Report Date:	01/03/18

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1747614
Report Date: 01/03/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1747614-01	SS199 CLAY	SOLID	MIDDLE RIVER, MD	12/26/17 14:00	12/26/17
L1747614-02	MINTEK LKD	SOLID	MIDDLE RIVER, MD	12/26/17 14:30	12/26/17
L1747614-03	MINTEK CKD	SOLID	MIDDLE RIVER, MD	12/26/17 13:30	12/26/17
L1747614-04	PORTLAND CEMENT	SOLID	MIDDLE RIVER, MD	12/26/17 13:00	12/26/17
L1747614-05	IWE-03	WATER	MIDDLE RIVER, MD	12/26/17 15:00	12/26/17

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1747614
Report Date: 01/03/18

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	TETRA TECH ISS	**Lab Number:**	L1747614
Project Number:	10017	**Report Date:**	01/03/18

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Susan E O'Neil Susan O' Neil

Title: Technical Director/Representative Date: 01/03/18

ORGANICS

SEMIVOLATILES

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1747614
Report Date: 01/03/18

SAMPLE RESULTS

Lab ID: L1747614-05
Client ID: IWE-03
Sample Location: MIDDLE RIVER, MD

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/30/17 09:49
Analyst: KL

Date Collected: 12/26/17 15:00
Date Received: 12/26/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 12/28/17 00:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Naphthalene	0.07	J	ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1
1-Methylnaphthalene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	86		15-120
4-Terphenyl-d14	70		41-149

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1747614
Report Date: 01/03/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/30/17 08:21
Analyst: KL

Extraction Method: EPA 3510C
Extraction Date: 12/28/17 00:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05 Batch: WG1077119-1					
Acenaphthene	ND		ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.10	0.04
Naphthalene	ND		ug/l	0.10	0.04
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.04
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04
Chrysene	ND		ug/l	0.10	0.04
Acenaphthylene	ND		ug/l	0.10	0.04
Anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.10	0.04
Fluorene	ND		ug/l	0.10	0.04
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04
Pyrene	ND		ug/l	0.10	0.04
1-Methylnaphthalene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.05

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	78		15-120
4-Terphenyl-d14	85		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: TETRA TECH ISS

Project Number: 10017

Lab Number: L1747614

Report Date: 01/03/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05 Batch: WG1077119-2 WG1077119-3								
Acenaphthene	72		74		40-140	3		40
2-Chloronaphthalene	66		68		40-140	3		40
Fluoranthene	67		69		40-140	3		40
Naphthalene	73		77		40-140	5		40
Benzo(a)anthracene	72		73		40-140	1		40
Benzo(a)pyrene	72		74		40-140	3		40
Benzo(b)fluoranthene	70		73		40-140	4		40
Benzo(k)fluoranthene	69		72		40-140	4		40
Chrysene	76		78		40-140	3		40
Acenaphthylene	71		73		40-140	3		40
Anthracene	74		75		40-140	1		40
Benzo(ghi)perylene	75		80		40-140	6		40
Fluorene	68		67		40-140	1		40
Phenanthrene	70		71		40-140	1		40
Dibenzo(a,h)anthracene	84		87		40-140	4		40
Indeno(1,2,3-cd)pyrene	75		80		40-140	6		40
Pyrene	68		70		40-140	3		40
1-Methylnaphthalene	68		70		40-140	3		40
2-Methylnaphthalene	64		67		40-140	5		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: TETRA TECH ISS

Project Number: 10017

Lab Number: L1747614

Report Date: 01/03/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05 Batch: WG1077119-2 WG1077119-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	90		93		23-120
2-Fluorobiphenyl	89		92		15-120
4-Terphenyl-d14	90		93		41-149

METALS

Project Name: TETRA TECH ISS
Lab Number: L1747614
Project Number: 10017
Report Date: 01/03/18

SAMPLE RESULTS

Lab ID: L1747614-01
Client ID: SS199 CLAY
Sample Location: MIDDLE RIVER, MD
Matrix: Solid
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Date Collected: 12/26/17 14:00
Date Received: 12/26/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.02	0.153	1	12/27/17 09:00	12/27/17 19:04	EPA 3050B	1,6010C	AB
Arsenic, Total	3.60		mg/kg	0.403	0.084	1	12/27/17 09:00	12/27/17 19:04	EPA 3050B	1,6010C	AB
Barium, Total	91.9		mg/kg	0.403	0.070	1	12/27/17 09:00	12/27/17 19:04	EPA 3050B	1,6010C	AB
Beryllium, Total	0.738		mg/kg	0.202	0.013	1	12/27/17 09:00	12/27/17 19:04	EPA 3050B	1,6010C	AB
Cadmium, Total	0.073	J	mg/kg	0.403	0.040	1	12/27/17 09:00	12/27/17 19:04	EPA 3050B	1,6010C	AB
Chromium, Total	3.19		mg/kg	0.403	0.039	1	12/27/17 09:00	12/27/17 19:04	EPA 3050B	1,6010C	AB
Cobalt, Total	0.730	J	mg/kg	0.807	0.067	1	12/27/17 09:00	12/27/17 19:04	EPA 3050B	1,6010C	AB
Copper, Total	1.75		mg/kg	0.403	0.104	1	12/27/17 09:00	12/27/17 19:04	EPA 3050B	1,6010C	AB
Lead, Total	15.6		mg/kg	2.02	0.108	1	12/27/17 09:00	12/27/17 19:04	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.07	0.01	1	12/27/17 06:00	12/27/17 12:54	EPA 7471B	1,7471B	MG
Molybdenum, Total	0.884	J	mg/kg	2.02	0.055	1	12/27/17 09:00	12/27/17 19:04	EPA 3050B	1,6010C	AB
Nickel, Total	2.38		mg/kg	1.01	0.098	1	12/27/17 09:00	12/27/17 19:04	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	0.807	0.104	1	12/27/17 09:00	12/27/17 19:04	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.403	0.114	1	12/27/17 09:00	12/27/17 19:04	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	0.807	0.127	1	12/27/17 09:00	12/27/17 19:04	EPA 3050B	1,6010C	AB
Vanadium, Total	1.03		mg/kg	0.403	0.082	1	12/27/17 09:00	12/27/17 19:04	EPA 3050B	1,6010C	AB
Zinc, Total	20.8		mg/kg	2.02	0.118	1	12/27/17 09:00	12/27/17 19:04	EPA 3050B	1,6010C	AB

Project Name: TETRA TECH ISS
Lab Number: L1747614
Project Number: 10017
Report Date: 01/03/18

SAMPLE RESULTS

Lab ID: L1747614-02
Client ID: MINTEK LKD
Sample Location: MIDDLE RIVER, MD
Matrix: Solid
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Date Collected: 12/26/17 14:30
Date Received: 12/26/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	0.308	J	mg/kg	1.93	0.146	1	12/27/17 09:00	12/27/17 19:09	EPA 3050B	1,6010C	AB
Arsenic, Total	7.25		mg/kg	0.386	0.080	1	12/27/17 09:00	12/27/17 19:09	EPA 3050B	1,6010C	AB
Barium, Total	317		mg/kg	0.386	0.067	1	12/27/17 09:00	12/27/17 19:09	EPA 3050B	1,6010C	AB
Beryllium, Total	1.78		mg/kg	0.193	0.013	1	12/27/17 09:00	12/27/17 19:09	EPA 3050B	1,6010C	AB
Cadmium, Total	0.767		mg/kg	0.386	0.038	1	12/27/17 09:00	12/27/17 19:09	EPA 3050B	1,6010C	AB
Chromium, Total	11.0		mg/kg	0.386	0.037	1	12/27/17 09:00	12/27/17 19:09	EPA 3050B	1,6010C	AB
Cobalt, Total	5.81		mg/kg	0.771	0.064	1	12/27/17 09:00	12/27/17 19:09	EPA 3050B	1,6010C	AB
Copper, Total	16.4		mg/kg	0.386	0.100	1	12/27/17 09:00	12/27/17 19:09	EPA 3050B	1,6010C	AB
Lead, Total	12.2		mg/kg	1.93	0.103	1	12/27/17 09:00	12/27/17 19:09	EPA 3050B	1,6010C	AB
Mercury, Total	0.03	J	mg/kg	0.06	0.01	1	12/27/17 06:00	12/27/17 12:56	EPA 7471B	1,7471B	MG
Molybdenum, Total	1.68	J	mg/kg	1.93	0.052	1	12/27/17 09:00	12/27/17 19:09	EPA 3050B	1,6010C	AB
Nickel, Total	10.0		mg/kg	0.964	0.093	1	12/27/17 09:00	12/27/17 19:09	EPA 3050B	1,6010C	AB
Selenium, Total	5.73		mg/kg	0.771	0.100	1	12/27/17 09:00	12/27/17 19:09	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.386	0.109	1	12/27/17 09:00	12/27/17 19:09	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	0.771	0.121	1	12/27/17 09:00	12/27/17 19:09	EPA 3050B	1,6010C	AB
Vanadium, Total	29.8		mg/kg	0.386	0.078	1	12/27/17 09:00	12/27/17 19:09	EPA 3050B	1,6010C	AB
Zinc, Total	95.7		mg/kg	1.93	0.113	1	12/27/17 09:00	12/27/17 19:09	EPA 3050B	1,6010C	AB

Project Name: TETRA TECH ISS
Lab Number: L1747614
Project Number: 10017
Report Date: 01/03/18

SAMPLE RESULTS

Lab ID: L1747614-03
Client ID: MINTEK CKD
Sample Location: MIDDLE RIVER, MD
Matrix: Solid
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Date Collected: 12/26/17 13:30
Date Received: 12/26/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	0.510	J	mg/kg	1.90	0.144	1	12/27/17 09:00	12/27/17 19:14	EPA 3050B	1,6010C	AB
Arsenic, Total	5.36		mg/kg	0.380	0.079	1	12/27/17 09:00	12/27/17 19:14	EPA 3050B	1,6010C	AB
Barium, Total	145		mg/kg	0.380	0.066	1	12/27/17 09:00	12/27/17 19:14	EPA 3050B	1,6010C	AB
Beryllium, Total	0.411		mg/kg	0.190	0.013	1	12/27/17 09:00	12/27/17 19:14	EPA 3050B	1,6010C	AB
Cadmium, Total	1.15		mg/kg	0.380	0.037	1	12/27/17 09:00	12/27/17 19:14	EPA 3050B	1,6010C	AB
Chromium, Total	54.1		mg/kg	0.380	0.037	1	12/27/17 09:00	12/27/17 19:14	EPA 3050B	1,6010C	AB
Cobalt, Total	2.91		mg/kg	0.760	0.063	1	12/27/17 09:00	12/27/17 19:14	EPA 3050B	1,6010C	AB
Copper, Total	185		mg/kg	0.380	0.098	1	12/27/17 09:00	12/27/17 19:14	EPA 3050B	1,6010C	AB
Lead, Total	133		mg/kg	1.90	0.102	1	12/27/17 09:00	12/27/17 19:14	EPA 3050B	1,6010C	AB
Mercury, Total	0.08		mg/kg	0.07	0.01	1	12/27/17 06:00	12/27/17 12:58	EPA 7471B	1,7471B	MG
Molybdenum, Total	3.06		mg/kg	1.90	0.052	1	12/27/17 09:00	12/27/17 19:14	EPA 3050B	1,6010C	AB
Nickel, Total	11.3		mg/kg	0.950	0.092	1	12/27/17 09:00	12/27/17 19:14	EPA 3050B	1,6010C	AB
Selenium, Total	41.1		mg/kg	0.760	0.098	1	12/27/17 09:00	12/27/17 19:14	EPA 3050B	1,6010C	AB
Silver, Total	26.6		mg/kg	0.380	0.108	1	12/27/17 09:00	12/27/17 19:14	EPA 3050B	1,6010C	AB
Thallium, Total	19.2		mg/kg	0.760	0.120	1	12/27/17 09:00	12/27/17 19:14	EPA 3050B	1,6010C	AB
Vanadium, Total	16.0		mg/kg	0.380	0.077	1	12/27/17 09:00	12/27/17 19:14	EPA 3050B	1,6010C	AB
Zinc, Total	174		mg/kg	1.90	0.111	1	12/27/17 09:00	12/27/17 19:14	EPA 3050B	1,6010C	AB

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1747614
Report Date: 01/03/18

SAMPLE RESULTS

Lab ID: L1747614-04
Client ID: PORTLAND CEMENT
Sample Location: MIDDLE RIVER, MD
Matrix: Solid
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Date Collected: 12/26/17 13:00
Date Received: 12/26/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	0.316	J	mg/kg	1.98	0.150	1	12/27/17 09:00	12/27/17 19:20	EPA 3050B	1,6010C	AB
Arsenic, Total	5.73		mg/kg	0.395	0.082	1	12/27/17 09:00	12/27/17 19:20	EPA 3050B	1,6010C	AB
Barium, Total	114		mg/kg	0.395	0.069	1	12/27/17 09:00	12/27/17 19:20	EPA 3050B	1,6010C	AB
Beryllium, Total	0.407		mg/kg	0.198	0.013	1	12/27/17 09:00	12/27/17 19:20	EPA 3050B	1,6010C	AB
Cadmium, Total	0.115	J	mg/kg	0.395	0.039	1	12/27/17 09:00	12/27/17 19:20	EPA 3050B	1,6010C	AB
Chromium, Total	91.2		mg/kg	0.395	0.038	1	12/27/17 09:00	12/27/17 19:20	EPA 3050B	1,6010C	AB
Cobalt, Total	3.64		mg/kg	0.790	0.066	1	12/27/17 09:00	12/27/17 19:20	EPA 3050B	1,6010C	AB
Copper, Total	50.2		mg/kg	0.395	0.102	1	12/27/17 09:00	12/27/17 19:20	EPA 3050B	1,6010C	AB
Lead, Total	5.21		mg/kg	1.98	0.106	1	12/27/17 09:00	12/27/17 19:20	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.06	0.01	1	12/27/17 06:00	12/27/17 13:00	EPA 7471B	1,7471B	MG
Molybdenum, Total	3.32		mg/kg	1.98	0.054	1	12/27/17 09:00	12/27/17 19:20	EPA 3050B	1,6010C	AB
Nickel, Total	14.5		mg/kg	0.988	0.096	1	12/27/17 09:00	12/27/17 19:20	EPA 3050B	1,6010C	AB
Selenium, Total	0.980		mg/kg	0.790	0.102	1	12/27/17 09:00	12/27/17 19:20	EPA 3050B	1,6010C	AB
Silver, Total	0.158	J	mg/kg	0.395	0.112	1	12/27/17 09:00	12/27/17 19:20	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	0.790	0.124	1	12/27/17 09:00	12/27/17 19:20	EPA 3050B	1,6010C	AB
Vanadium, Total	17.2		mg/kg	0.395	0.080	1	12/27/17 09:00	12/27/17 19:20	EPA 3050B	1,6010C	AB
Zinc, Total	221		mg/kg	1.98	0.116	1	12/27/17 09:00	12/27/17 19:20	EPA 3050B	1,6010C	AB

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1747614
Report Date: 01/03/18

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1076721-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	12/27/17 06:00	12/27/17 12:07	1,7471B	MG

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1076742-1										
Antimony, Total	ND		mg/kg	2.00	0.152	1	12/27/17 09:00	12/27/17 17:44	1,6010C	PS
Arsenic, Total	ND		mg/kg	0.400	0.083	1	12/27/17 09:00	12/27/17 17:44	1,6010C	PS
Barium, Total	ND		mg/kg	0.400	0.070	1	12/27/17 09:00	12/27/17 17:44	1,6010C	PS
Beryllium, Total	ND		mg/kg	0.200	0.013	1	12/27/17 09:00	12/27/17 17:44	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.400	0.039	1	12/27/17 09:00	12/27/17 17:44	1,6010C	PS
Chromium, Total	ND		mg/kg	0.400	0.038	1	12/27/17 09:00	12/27/17 17:44	1,6010C	PS
Cobalt, Total	ND		mg/kg	0.800	0.066	1	12/27/17 09:00	12/27/17 17:44	1,6010C	PS
Copper, Total	ND		mg/kg	0.400	0.103	1	12/27/17 09:00	12/27/17 17:44	1,6010C	PS
Lead, Total	ND		mg/kg	2.00	0.107	1	12/27/17 09:00	12/27/17 17:44	1,6010C	PS
Molybdenum, Total	ND		mg/kg	2.00	0.054	1	12/27/17 09:00	12/27/17 17:44	1,6010C	PS
Nickel, Total	ND		mg/kg	1.00	0.097	1	12/27/17 09:00	12/27/17 17:44	1,6010C	PS
Selenium, Total	ND		mg/kg	0.800	0.103	1	12/27/17 09:00	12/27/17 17:44	1,6010C	PS
Silver, Total	ND		mg/kg	0.400	0.113	1	12/27/17 09:00	12/27/17 17:44	1,6010C	PS
Thallium, Total	ND		mg/kg	0.800	0.126	1	12/27/17 09:00	12/27/17 17:44	1,6010C	PS
Vanadium, Total	ND		mg/kg	0.400	0.081	1	12/27/17 09:00	12/27/17 17:44	1,6010C	PS
Zinc, Total	ND		mg/kg	2.00	0.117	1	12/27/17 09:00	12/27/17 17:44	1,6010C	PS

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: TETRA TECH ISS

Project Number: 10017

Lab Number: L1747614

Report Date: 01/03/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1076721-2 SRM Lot Number: D098-540								
Mercury, Total	125		-		50-149	-		
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1076742-2 SRM Lot Number: D098-540								
Antimony, Total	170		-		6-194	-		
Arsenic, Total	109		-		83-117	-		
Barium, Total	102		-		82-118	-		
Beryllium, Total	101		-		83-117	-		
Cadmium, Total	100		-		82-117	-		
Chromium, Total	106		-		83-119	-		
Cobalt, Total	100		-		84-116	-		
Copper, Total	106		-		84-116	-		
Lead, Total	103		-		82-117	-		
Molybdenum, Total	101		-		79-121	-		
Nickel, Total	100		-		82-117	-		
Selenium, Total	104		-		78-121	-		
Silver, Total	110		-		80-120	-		
Thallium, Total	104		-		80-119	-		
Vanadium, Total	104		-		79-121	-		
Zinc, Total	100		-		81-119	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1747614
Report Date: 01/03/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1076721-3 QC Sample: L1746653-01 Client ID: MS Sample												
Mercury, Total	0.06J	0.143	0.22	**154**	Q	-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1076742-3 QC Sample: L1747630-09 Client ID: MS Sample												
Antimony, Total	0.934J	45.5	30.8	**68**	Q	-	-		75-125	-		20
Arsenic, Total	2.57	10.9	10.7	**74**	Q	-	-		75-125	-		20
Barium, Total	96.1	182	210	**62**	Q	-	-		75-125	-		20
Beryllium, Total	0.654	4.55	3.92	**72**	Q	-	-		75-125	-		20
Cadmium, Total	0.135J	4.64	3.30	**71**	Q	-	-		75-125	-		20
Chromium, Total	24.6	18.2	37.7	**72**	Q	-	-		75-125	-		20
Cobalt, Total	11.3	45.5	41.4	**66**	Q	-	-		75-125	-		20
Copper, Total	10.5	22.8	28.9	81		-	-		75-125	-		20
Lead, Total	19.2	46.4	46.9	**60**	Q	-	-		75-125	-		20
Molybdenum, Total	0.338J	91	60.8	**67**	Q	-	-		75-125	-		20
Nickel, Total	21.6	45.5	54.1	**71**	Q	-	-		75-125	-		20
Selenium, Total	0.573J	10.9	7.63	**70**	Q	-	-		75-125	-		20
Silver, Total	ND	27.3	22.4	82		-	-		75-125	-		20
Thallium, Total	0.149J	10.9	6.73	**62**	Q	-	-		75-125	-		20
Vanadium, Total	35.1	45.5	65.7	**67**	Q	-	-		75-125	-		20
Zinc, Total	53.8	45.5	90.5	81		-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1747614
Report Date: 01/03/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1076721-4 QC Sample: L1746653-01 Client ID: DUP Sample						
Mercury, Total	0.06J	0.07	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1076742-4 QC Sample: L1747630-09 Client ID: DUP Sample						
Arsenic, Total	2.57	2.50	mg/kg	3		20

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1747614
Report Date: 01/03/18

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1747614-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),MO-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),CD-TI(180)
L1747614-01B	Glass 60ml unpreserved split	A	NA		3.0	Y	Absent		TS(7),CO-TI(180),MOISTURE(7)
L1747614-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),MO-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),CD-TI(180)
L1747614-02B	Glass 60ml unpreserved split	A	NA		3.0	Y	Absent		TS(7),CO-TI(180),MOISTURE(7)
L1747614-03A	Plastic 2oz unpreserved for TS	A	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),MO-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),CD-TI(180)
L1747614-03B	Glass 60ml unpreserved split	A	NA		3.0	Y	Absent		TS(7),CO-TI(180),MOISTURE(7)
L1747614-04A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),MO-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),CD-TI(180)
L1747614-04B	Glass 60ml unpreserved split	A	NA		3.0	Y	Absent		TS(7),CO-TI(180),MOISTURE(7)
L1747614-05A	Amber 1000ml unpreserved	A	7	7	3.0	Y	Absent		PAHTCL-SIM(7)

*Values in parentheses indicate holding time in days

Project Name:	TETRA TECH ISS	**Lab Number:**	L1747614
Project Number:	10017	**Report Date:**	01/03/18

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report with 'J' Qualifiers

Project Name:	TETRA TECH ISS	**Lab Number:**	L1747614
Project Number:	10017	**Report Date:**	01/03/18

Data Qualifiers

projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	TETRA TECH ISS	**Lab Number:**	L1747614
Project Number:	10017	**Report Date:**	01/03/18

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: NPW and SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
EPA 9012B: NPW: Total Cyanide
EPA 9050A: NPW: Specific Conductance
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
SM 2540D: TSS
EPA 3005A NPW
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E.**

Mansfield Facility:

Drinking Water
EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE _____ OF _____

ALPHA ANALYTICAL
8 Walkup Drive, Westboro, MA 01581, Tel: 508-898-9220
320 Forbes Blvd, Mansfield, MA 02048, Tel: 508-822-9300

Date Rec'd in Lab: 12/26/17

ALPHA Job #: L1747614

Client Information
Client: Amine Dahmani
Address: 12A Maple Avenue, Pine Brook, NJ 07058
Phone: 973-808-9050
Email: ad@SESI.org

Project Information
Project Name: Tetra Tech TSS
Project Location: Middle River, MD
Project #: 10017
Project Manager: Amine Dahmani
ALPHA Quote #: 4417

Turn-Around Time
☑ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: 1/4/17

Additional Project Information:

Report Information - Data Deliverables
☐ ADEx ☑ EMAIL

Billing Information
☑ Same as Client info PO #:

Regulatory Requirements & Project Information Requirements
☐ Yes ☐ No MA MCP Analytical Methods
☐ Yes ☐ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☐ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☐ No NPDES RGP
☐ Other State /Fed Program _____ Criteria _____
EDD (Excel file)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	VOC: ☐ 8260 ☐ 624	SVOC: ☐ ABN ☐ 524.2	METALS: ☐ MCP 13 ☑ PAH SIM	METALS: ☐ MCP 14 ☐ RCP 15	EPH: ☐ RCRA5 ☐ RCRA8	VPH: ☐ Ranges & Targets ☐ Ranges Only	☐ PCB ☐ PEST	TPH: ☐ Quant Only ☐ Fingerprint	SAMPLE INFO: Filtration ☐ Field ☐ Lab to do; Preservation ☐ Lab to do	Sample Comments	TOTAL # BOTTLES
47614-01	SS199 Clay	12/26/17	2:00 pm	S	AD			✓							TPP13+	1
02	MINTEK LKD	12/26/17	2:30 pm	S	AD			✓							Ba, Co, Mo, V	1
03	MINTEK CKD	12/26/17	1:30 pm	S	AD			✓								1
04	Portland Cement	12/26/17	1:00 pm	S	AD			✓								1
05	IWE-03	12/26/17	3:00 pm	W	AD	✓									water testing rerun	1

Container Type	A	A/P
Preservative	A	A

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H = $Na_2S_2O_3$
I= Ascorbic Acid
J = NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
Amine Dahmani	12/26/17 1642		12/26/17 1642

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

Appendix B

Geotesting Express Report

GeoTesting EXPRESS

Technologies to manage risk for infrastructure

Boston
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Los Angeles
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www.geotesting.com

Transmittal

TO:

Amine Dahmani

SESI Consulting Engineers

12A Maple Avenue

Pine Brook, NJ 07058

DATE: 3/27/2018	GTX NO: 307698
RE: ISS Tetra Tech Study	

COPIES	DATE	DESCRIPTION
	3/27/2018	**February - March 2018 Laboratory Test Report**

REMARKS:

SIGNED:

Jonathan Campbell, Assistant Laboratory Manager

CC:

APPROVED BY:

Ethan Marro, Laboratory Manager

GeoTesting EXPRESS

Technologies to manage risk for infrastructure

Boston
Atlanta
Chicago
Los Angeles
New York
www.geotesting.com

March 27, 2018

Amine Dahmani
SESI Consulting Engineers
12A Maple Avenue
Pine Brook, NJ 07058

RE: ISS Tetra Tech Study, Middle River, MD (GTX-307698)

Dear Amine:

Enclosed are the test results you requested for the above referenced project. GeoTesting Express, Inc. (GTX) received 36 cylinder sets from you on 2/15/2018. These samples were labeled as instructed by your test request.

GTX performed the following tests on these samples:

34 ASTM D1633 - Compressive Strength of Soil-Cement
14 ASTM D5084 - Flexible Wall Permeability (<=2.87 inch diameter)

A copy of your test request is attached.

Samples 4B-13%-LKD/PC-OC-D, 4B-5%-OC, and 4B-5%-D could not be tested. The samples fell apart when extruded from their molds.

The results presented in this report apply only to the items tested. This report shall not be reproduced except in full, without written approval from GeoTesting Express. The remainder of these samples will be retained for a period of sixty (60) days and will then be discarded unless otherwise notified by you. Please call me if you have any questions or require additional information. Thank you for allowing GeoTesting Express the opportunity of providing you with testing services. We look forward to working with you again in the future.

Respectfully yours,

Jonathan Campbell
Assistant Laboratory Manager

GeoTesting EXPRESS

Technologies to manage risk for infrastructure

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Geotechnical Test Report **3/27/2018**

GTX-307698

ISS Tetra Tech Study

Middle River, MD

Client Project No.: 10017

Prepared for:

SESI Consulting Engineers

Client:	SESI Consulting Engineers
Project Name:	ISS Tetra Tech Study
Project Location:	Middle River, MD
GTX #:	307698
Report Date :	03/05/18

ASTM D1633 - Compressive Strength of Molded Soil-Cement

Sample ID	Curing Age, days	Height, in	Diameter, in	Area, in2	Mass, grams	Bulk Density, pcf	Moisture Content at Break, %	Maximum Load, lbs	Compressive Strength, psi
1A-5%-A	28	4.00	2.00	3.14	338	102.6	7.1	130	40
1A-5%-D	28	3.85	2.01	3.17	334	104.1	7.4	220	70
1A-10%-A	28	3.90	2.03	3.24	344	103.7	9.1	520	160
1A-10%-D	28	3.86	2.03	3.24	340	103.6	9.9	580	180
1A-13%-A	28	3.83	2.03	3.24	339	104.3	9.8	580	180
1A-13%-D	28	3.77	2.03	3.24	344	107.5	11.5	910	280
4B-5%	28	3.68	1.92	2.90	281	100.6	35.2	110	40
4B-5%-D	28	Untestable Specimen							
4B-10%	28	4.00	1.99	3.11	335	102.5	29.5	130	40
4B-10%-D	28	3.96	2.02	3.20	328	98.3	33.6	90	30

GeoTesting EXPRESS

Client:	SESI Consulting Engineers
Project Name:	ISS Tetra Tech Study
Project Location:	Middle River, MD
GTX #:	307698
Report Date :	03/05/18

ASTM D1633 - Compressive Strength of Molded Soil-Cement

Sample ID	Curing Age, days	Height, in	Diameter, in	Area, in2	Mass, grams	Bulk Density, pcf	Moisture Content at Break, %	Maximum Load, lbs	Compressive Strength, psi
4B-13%	28	3.90	2.01	3.17	278	85.6	22.3	70	20
4B-13%-D	28	4.00	2.01	3.17	321	96.4	23.1	100	30
1A-10%-OC	28	3.99	2.03	3.24	346	102.0	11.8	450	140
1A-10%-OC-D	28	3.95	2.04	3.27	337	99.4	11.9	550	165
1A-13%-OC	28	3.93	2.04	3.27	328	97.2	12.3	740	225
1A-13%-OC-D	28	4.00	2.02	3.20	347	103.0	11.3	700	220
1A-5%-OC	28	3.98	2.02	3.20	341	101.9	12.8	150	45
1A-5%-OC-D	28	4.02	2.02	3.20	368	108.9	12.3	130	40
1A-5%-PC\LKD-OC	28	4.00	1.98	3.08	348	107.7	14.5	80	25
1A-5%-PC\LKD-OC-D	28	4.03	2.01	3.17	343	102.1	14.4	120	35

Client:	SESI Consulting Engineers
Project Name:	ISS Tetra Tech Study
Project Location:	Middle River, MD
GTX #:	307698
Report Date :	03/05/18

ASTM D1633 - Compressive Strength of Molded Soil-Cement

Sample ID	Curing Age, days	Height, in	Diameter, in	Area, in2	Mass, grams	Bulk Density, pcf	Moisture Content at Break, %	Maximum Load, lbs	Compressive Strength, psi
4B-10%-OC	28	3.97	2.01	3.17	314	94.9	25.6	80	25
4B-10%-OC-D	28	4.07	2	3.14	350	104.4	37.4	90	30
4B-5%-OC	28	3.91	1.95	2.99	318	103.7	30.2	110	40
4B-5%-OC-D	28	3.76	1.92	2.90	290	101.5	28.8	60	20
4B-13%-OC	28	4.01	2.03	3.24	321	94.3	31.5	100	30
4B-13%-OC-D	28	4.05	2.01	3.17	346	102.6	30.0	140	45
1A-10%-PC\LKD-OC	28	3.81	2.02	3.20	334	104.1	14.5	220	70
1A-10%-PC\LKD-OC-D	28	3.87	2.02	3.20	325	99.9	13.1	190	60
1A-13%-PC\LKD-OC	28	4.04	2.00	3.14	325	97.5	12.4	280	90
1A-13%-PC\LKD-OC-D	28	3.87	2.00	3.14	289	90.5	13.0	160	50

Client:	SESI Consulting Engineers
Project Name:	ISS Tetra Tech Study
Project Location:	Middle River, MD
GTX #:	307698
Report Date :	03/05/18

ASTM D1633 - Compressive Strength of Molded Soil-Cement

Sample ID	Curing Age, days	Height, in	Diameter, in	Area, in2	Mass, grams	Bulk Density, pcf	Moisture Content at Break, %	Maximum Load, lbs	Compressive Strength, psi
4B-5%-LKD\PC-OC	28	3.84	1.88	2.78	272	97.3	26.5	50	20
4B-5%-LKD\PC-OC-D	28	3.56	1.96	3.02	284	100.7	30.6	80	25
4B-10%-LKD\PC-OC	28	3.89	1.98	3.08	302	96.0	24.6	110	35
4B-10%-LKD\PC-OC-D	Untestable Specimen								
4B-13%-LKD\PC-OC	28	3.65	2.01	3.17	316	104.0	23.4	100	30
4B-13%-LKD\PC-OC-D	28	3.75	1.98	3.08	318	104.9	25.1	150	50

Notes: Specimens cured in a humid environment prior to testing.
Maximum Load reported to the nearest 10 psi
Compressive Strength reported to the nearest 5 psi

Client:	SESI Consulting Engineers		
Project Name:	ISS Tetra Tech Study		
Project Location:	Middle River, MD		
GTX #:	307698		
Start Date:	2/21/2018	Tested By:	eec
End Date:	2/28/2018	Checked By:	emm
Boring #:	1/19/2018		
Sample #:	1A-5%		
Depth:	---		
Visual Description:	Soil cement mix		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type:	Intact	Permeant Fluid:	De-aired Distilled water
Orientation:	Vertical	Cell #:	---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.50

Parameter	Initial	Final
Height, in	3.87	3.81
Diameter, in	2.02	2.04
Area, in^2	3.20	3.27
Volume, in^3	12.4	12.5
Mass, g	336.4	391.5
Bulk Density, pcf	103.1	119.5
Moisture Content, %	6.9	24.4
Dry Density, pcf	96.4	96.0
Degree of Saturation, %	28	98

B COEFFICIENT DETERMINATION

Cell Pressure, psi:	90.00	Increased Cell Pressure, psi:	95.02	Cell Pressure Increment, psi:	5.02
Sample Pressure, psi:	85.19	Corresponding Sample Pressure, psi:	89.97	Sample Pressure Increment, psi:	4.78
				B Coefficient:	0.95

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,	R_t	Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C		cm/sec
2/23	1	90.0	85.2	14.0	13.6	0.4	38	18.2	8.7E-07	19.5	1.013	8.8E-07
2/23	2	90.0	85.2	14.0	13.6	0.4	36	18.2	9.2E-07	19.5	1.013	9.3E-07
2/23	3	90.0	85.2	14.0	13.6	0.4	36	18.2	9.2E-07	19.5	1.013	9.3E-07
2/23	4	90.0	85.2	14.0	13.6	0.4	37	18.2	9.0E-07	19.5	1.013	9.1E-07

PERMEABILITY AT 20° C: 9.2 x 10^{-7} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers		
Project Name:	ISS Tetra Tech Study		
Project Location:	Middle River, MD		
GTX #:	307698		
Start Date:	2/21/2018	Tested By:	eec
End Date:	2/26/2018	Checked By:	emm
Boring #:	1/19/2018		
Sample #:	1A-5%-D		
Depth:	---		
Visual Description:	Soil cement mix		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type:	Intact	Permeant Fluid:	De-aired Distilled water
Orientation:	Vertical	Cell #:	---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.50

Parameter	Initial	Final
Height, in	3.76	3.61
Diameter, in	2.04	2.06
Area, in^2	3.27	3.33
Volume, in^3	12.3	12.0
Mass, g	329.0	377.7
Bulk Density, pcf	101.8	119.3
Moisture Content, %	7.7	23.7
Dry Density, pcf	94.5	96.5
Degree of Saturation, %	30	96

B COEFFICIENT DETERMINATION

Cell Pressure, psi:	90.01	Increased Cell Pressure, psi:	95.01	Cell Pressure Increment, psi:	5.00
Sample Pressure, psi:	85.06	Corresponding Sample Pressure, psi:	89.86	Sample Pressure Increment, psi:	4.80
				B Coefficient:	0.96

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,	R_t	Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C		cm/sec
2/23	1	90.0	85.1	12.0	11.8	0.2	37	16.5	4.8E-07	19.5	1.013	4.9E-07
2/23	2	90.0	85.1	12.0	11.8	0.2	36	16.5	5.0E-07	19.5	1.013	5.0E-07
2/23	3	90.0	85.1	12.0	11.8	0.2	38	16.5	4.7E-07	19.5	1.013	4.8E-07
2/23	4	90.0	85.1	12.0	11.8	0.2	38	16.5	4.7E-07	19.5	1.013	4.8E-07

PERMEABILITY AT 20° C: 4.9 x 10^{-7} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers		
Project Name:	ISS Tetra Tech Study		
Project Location:	Middle River, MD		
GTX #:	307698		
Start Date:	2/21/2018	Tested By:	eec
End Date:	2/26/2018	Checked By:	emm
Boring #:	1/19/2018		
Sample #:	1A-10%		
Depth:	---		
Visual Description:	Soil cement mix		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type:	Intact	Permeant Fluid:	De-aired Distilled water
Orientation:	Vertical	Cell #:	---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.50

Parameter	Initial	Final
Height, in	3.63	3.65
Diameter, in	2.05	2.05
Area, in^2	3.30	3.30
Volume, in^3	12.0	12.0
Mass, g	339.5	384.5
Bulk Density, pcf	107.7	121.3
Moisture Content, %	9.3	23.8
Dry Density, pcf	98.6	98.0
Degree of Saturation, %	40	100

B COEFFICIENT DETERMINATION

Cell Pressure, psi:	90.02	Increased Cell Pressure, psi:	95.02	Cell Pressure Increment, psi:	5.01
Sample Pressure, psi:	85.04	Corresponding Sample Pressure, psi:	89.77	Sample Pressure Increment, psi:	4.72
				B Coefficient:	0.94

*B value did not increase with increase in pressure. Final degree of saturation >95%.

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,		Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C	R_t	cm/sec
2/23	1	90.0	85.0	15.0	14.9	0.1	47	20.4	1.5E-07	19.5	1.013	1.6E-07
2/23	2	90.0	85.0	15.0	14.9	0.1	48	20.4	1.5E-07	19.5	1.013	1.5E-07
2/23	3	90.0	85.0	15.0	14.9	0.1	46	20.4	1.6E-07	19.5	1.013	1.6E-07
2/23	4	90.0	85.0	15.0	14.9	0.1	46	20.4	1.6E-07	19.5	1.013	1.6E-07

PERMEABILITY AT 20° C: 1.6 x 10^{-7} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers		
Project Name:	ISS Tetra Tech Study		
Project Location:	Middle River, MD		
GTX #:	307698		
Start Date:	2/21/2018	Tested By:	eec
End Date:	2/26/2018	Checked By:	emm
Boring #:	1/19/2018		
Sample #:	1A-10%-D		
Depth:	---		
Visual Description:	Soil cement mix		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type:	Intact	Permeant Fluid:	De-aired Distilled water
Orientation:	Vertical	Cell #:	---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.50

Parameter	Initial	Final
Height, in	3.84	3.79
Diameter, in	2.04	2.04
Area, in^2	3.27	3.27
Volume, in^3	12.6	12.4
Mass, g	337.5	385.0
Bulk Density, pcf	102.2	118.2
Moisture Content, %	10.0	25.6
Dry Density, pcf	92.9	94.1
Degree of Saturation, %	37	97

B COEFFICIENT DETERMINATION

Cell Pressure, psi:	90.02	Increased Cell Pressure, psi:	95.01	Cell Pressure Increment, psi:	4.99
Sample Pressure, psi:	85.01	Corresponding Sample Pressure, psi:	89.83	Sample Pressure Increment, psi:	4.82
				B Coefficient:	0.97

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,		Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C	R_t	cm/sec
2/23	1	90.0	85.0	11.0	10.9	0.1	51	14.4	2.0E-07	19.5	1.013	2.1E-07
2/23	2	90.0	85.0	11.0	10.9	0.1	50	14.4	2.1E-07	19.5	1.013	2.1E-07
2/23	3	90.0	85.0	11.0	10.9	0.1	53	14.4	2.0E-07	19.5	1.013	2.0E-07
2/23	4	90.0	85.0	11.0	10.9	0.1	51	14.4	2.0E-07	19.5	1.013	2.1E-07

PERMEABILITY AT 20° C: 2.1 x 10^{-7} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers		
Project Name:	ISS Tetra Tech Study		
Project Location:	Middle River, MD		
GTX #:	307698		
Start Date:	2/21/2018	Tested By:	eec
End Date:	2/28/2018	Checked By:	emm
Boring #:	1/19/18		
Sample #:	1A-13%		
Depth:	---		
Visual Description:	Soil cement mix		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type:	Intact	Permeant Fluid:	De-aired Distilled water
Orientation:	Vertical	Cell #:	---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.50

Parameter	Initial	Final
Height, in	3.70	3.70
Diameter, in	2.02	2.02
Area, in^2	3.20	3.20
Volume, in^3	11.9	11.9
Mass, g	334.9	381.3
Bulk Density, pcf	107.4	122.2
Moisture Content, %	7.5	22.5
Dry Density, pcf	99.8	99.8
Degree of Saturation, %	33	100

B COEFFICIENT DETERMINATION

Cell Pressure, psi:	90.00	Increased Cell Pressure, psi:	95.00	Cell Pressure Increment, psi:	5.00
Sample Pressure, psi:	85.02	Corresponding Sample Pressure, psi:	89.77	Sample Pressure Increment, psi:	4.75
				B Coefficient:	0.95

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,		Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C	R_t	cm/sec
2/23	1	90.0	85.0	14.0	13.7	0.3	32	18.8	7.7E-07	19.5	1.013	7.8E-07
2/23	2	90.0	85.0	14.0	13.7	0.3	32	18.8	7.7E-07	19.5	1.013	7.8E-07
2/23	3	90.0	85.0	14.0	13.7	0.3	33	18.8	7.4E-07	19.5	1.013	7.5E-07
2/23	4	90.0	85.0	14.0	13.7	0.3	34	18.8	7.2E-07	19.5	1.013	7.3E-07

PERMEABILITY AT 20° C: 7.6 x 10^{-7} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers		
Project Name:	ISS Tetra Tech Study		
Project Location:	Middle River, MD		
GTX #:	307698		
Start Date:	2/21/2018	Tested By:	eec
End Date:	2/28/2018	Checked By:	emm
Boring #:	1/19/18		
Sample #:	1A-13%-D		
Depth:	---		
Visual Description:	Soil cement mix		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type:	Intact	Permeant Fluid:	De-aired Distilled water
Orientation:	Vertical	Cell #:	---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.50

Parameter	Initial	Final
Height, in	3.80	3.79
Diameter, in	2.04	2.04
Area, in^2	3.27	3.27
Volume, in^3	12.4	12.4
Mass, g	337.5	383.2
Bulk Density, pcf	103.3	117.6
Moisture Content, %	10.3	25.2
Dry Density, pcf	93.7	93.9
Degree of Saturation, %	39	95

B COEFFICIENT DETERMINATION

Cell Pressure, psi:	90.01	Increased Cell Pressure, psi:	95.01	Cell Pressure Increment, psi:	5.00
Sample Pressure, psi:	85.03	Corresponding Sample Pressure, psi:	89.83	Sample Pressure Increment, psi:	4.79
				B Coefficient:	0.96

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,		Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C	R_t	cm/sec
2/23	1	90.0	85.0	16.0	15.5	0.5	38	20.9	9.5E-07	19.5	1.013	9.6E-07
2/23	2	90.0	85.0	16.0	15.5	0.5	40	20.9	9.0E-07	19.5	1.013	9.2E-07
2/23	3	90.0	85.0	16.0	15.5	0.5	39	20.9	9.3E-07	19.5	1.013	9.4E-07
2/23	4	90.0	85.0	16.0	15.5	0.5	41	20.9	8.8E-07	19.5	1.013	8.9E-07

PERMEABILITY AT 20° C: 9.3 x 10^{-7} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers		
Project Name:	ISS Tetra Tech Study		
Project Location:	Middle River, MD		
GTX #:	307698		
Start Date:	2/27/2018	Tested By:	eec
End Date:	3/5/2018	Checked By:	emm
Boring #:	1/25/18		
Sample #:	1A-10%-OC		
Depth:	---		
Visual Description:	Soil cement mix		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type:	Intact	Permeant Fluid:	De-aired Distilled water
Orientation:	Vertical	Cell #:	---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.50

Parameter	Initial	Final
Height, in	3.98	3.96
Diameter, in	2.03	2.02
Area, in^2	3.24	3.20
Volume, in^3	12.9	12.7
Mass, g	350.0	392.9
Bulk Density, pcf	103.3	117.7
Moisture Content, %	11.3	24.9
Dry Density, pcf	92.8	94.2
Degree of Saturation, %	41	95

B COEFFICIENT DETERMINATION

Cell Pressure, psi:	90.01	Increased Cell Pressure, psi:	95.01	Cell Pressure Increment, psi:	5.00
Sample Pressure, psi:	85.02	Corresponding Sample Pressure, psi:	89.67	Sample Pressure Increment, psi:	4.65
				B Coefficient:	0.93

*B value did not increase with increase in pressure. Final degree of saturation >95%.

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,	R_t	Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C		cm/sec
2/27	1	90.0	85.0	12.0	11.7	0.3	34	15.0	9.0E-07	19.5	1.013	9.1E-07
2/27	2	90.0	85.0	12.0	11.7	0.3	33	15.0	9.3E-07	19.5	1.013	9.4E-07
2/27	3	90.0	85.0	12.0	11.7	0.3	34	15.0	9.0E-07	19.5	1.013	9.1E-07
2/27	4	90.0	85.0	12.0	11.7	0.3	32	15.0	9.6E-07	19.5	1.013	9.7E-07

PERMEABILITY AT 20° C: 9.4 x 10^{-7} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers		
Project Name:	ISS Tetra Tech Study		
Project Location:	Middle River, MD		
GTX #:	307698		
Start Date:	3/1/2018	Tested By:	eec
End Date:	3/6/2018	Checked By:	emm
Boring #:	1/25/2018		
Sample #:	1A-10% -OC-D		
Depth:	---		
Visual Description:	Soil cement mix		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type:	Intact	Permeant Fluid:	De-aired Distilled water
Orientation:	Vertical	Cell #:	---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.50

Parameter	Initial	Final
Height, in	3.85	3.85
Diameter, in	1.98	1.98
Area, in^2	3.08	3.08
Volume, in^3	11.9	11.9
Mass, g	346.3	376.8
Bulk Density, pcf	111.1	120.8
Moisture Content, %	12.8	22.8
Dry Density, pcf	98.4	98.4
Degree of Saturation, %	55	97

B COEFFICIENT DETERMINATION

Cell Pressure, psi:	90.00	Increased Cell Pressure, psi:	95.07	Cell Pressure Increment, psi:	5.07
Sample Pressure, psi:	85.05	Corresponding Sample Pressure, psi:	89.67	Sample Pressure Increment, psi:	4.62
				B Coefficient:	0.91

*B value did not increase with increase in pressure. Final degree of saturation >95%.

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,	R_t	Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C		cm/sec
3/5	1	90.0	85.1	14.0	13.8	0.2	30	18.0	5.9E-07	19.5	1.013	6.0E-07
3/5	2	90.0	85.1	14.0	13.8	0.2	31	18.0	5.7E-07	19.5	1.013	5.8E-07
3/5	3	90.0	85.1	14.0	13.8	0.2	32	18.0	5.5E-07	19.5	1.013	5.6E-07
3/5	4	90.0	85.1	14.0	13.8	0.2	33	18.0	5.4E-07	19.5	1.013	5.4E-07

PERMEABILITY AT 20° C: 5.7 x 10^{-7} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers		
Project Name:	ISS Tetra Tech Study		
Project Location:	Middle River, MD		
GTX #:	307698		
Start Date:	2/27/2018	Tested By:	eec
End Date:	3/1/2018	Checked By:	emm
Boring #:	1/25/18		
Sample #:	1A-13%-OC		
Depth:	---		
Visual Description:	Soil cement mix		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type:	Intact	Permeant Fluid:	De-aired Distilled water
Orientation:	Vertical	Cell #:	---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.50

Parameter	Initial	Final
Height, in	4.03	3.98
Diameter, in	2.03	2.00
Area, in^2	3.24	3.14
Volume, in^3	13.0	12.5
Mass, g	309.4	366.4
Bulk Density, pcf	90.2	111.4
Moisture Content, %	14.8	35.9
Dry Density, pcf	78.5	81.9
Degree of Saturation, %	37	99

B COEFFICIENT DETERMINATION

Cell Pressure, psi:	90.02	Increased Cell Pressure, psi:	95.01	Cell Pressure Increment, psi:	4.99
Sample Pressure, psi:	85.04	Corresponding Sample Pressure, psi:	89.89	Sample Pressure Increment, psi:	4.85
				B Coefficient:	0.97

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,		Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C	R_t	cm/sec
3/1	1	90.0	85.0	10.0	9.8	0.2	34	12.5	7.4E-07	19.5	1.013	7.5E-07
3/1	2	90.0	85.0	10.0	9.8	0.2	34	12.5	7.4E-07	19.5	1.013	7.5E-07
3/1	3	90.0	85.0	10.0	9.8	0.2	35	12.5	7.2E-07	19.5	1.013	7.3E-07
3/1	4	90.0	85.0	10.0	9.8	0.2	36	12.5	7.0E-07	19.5	1.013	7.1E-07

PERMEABILITY AT 20° C: 7.3 x 10^{-7} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers		
Project Name:	ISS Tetra Tech Study		
Project Location:	Middle River, MD		
GTX #:	307698		
Start Date:	2/27/2018	Tested By:	eec
End Date:	3/1/2018	Checked By:	emm
Boring #:	1/25/2018		
Sample #:	1A-13%-OC-D		
Depth:	---		
Visual Description:	Soil cement mix		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type:	Intact	Permeant Fluid:	De-aired Distilled water
Orientation:	Vertical	Cell #:	---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.50

Parameter	Initial	Final
Height, in	3.94	3.94
Diameter, in	2.01	2.01
Area, in^2	3.17	3.17
Volume, in^3	12.5	12.5
Mass, g	328.0	373.4
Bulk Density, pcf	99.7	113.6
Moisture Content, %	15.3	31.2
Dry Density, pcf	86.5	86.5
Degree of Saturation, %	47	97

B COEFFICIENT DETERMINATION

Cell Pressure, psi:	90.01	Increased Cell Pressure, psi:	95.04	Cell Pressure Increment, psi:	5.04
Sample Pressure, psi:	85.03	Corresponding Sample Pressure, psi:	89.86	Sample Pressure Increment, psi:	4.83
				B Coefficient:	0.96

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,		Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C	R_t	cm/sec
3/1	1	90.0	85.0	13.0	12.7	0.3	35	16.4	8.1E-07	19.5	1.013	8.2E-07
3/1	2	90.0	85.0	13.0	12.7	0.3	36	16.4	7.9E-07	19.5	1.013	8.0E-07
3/1	3	90.0	85.0	13.0	12.7	0.3	37	16.4	7.7E-07	19.5	1.013	7.8E-07
3/1	4	90.0	85.0	13.0	12.7	0.3	36	16.4	7.9E-07	19.5	1.013	8.0E-07

PERMEABILITY AT 20° C: 8.0 x 10^{-7} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers		
Project Name:	ISS Tetra Tech Study		
Project Location:	Middle River, MD		
GTX #:	307698		
Start Date:	3/1/2018	Tested By:	eec
End Date:	3/6/2018	Checked By:	emm
Boring #:	1/30/2018		
Sample #:	1A10% PC/LKD-OC		
Depth:	---		
Visual Description:	Soil cement mix		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type:	Intact	Permeant Fluid:	De-aired Distilled water
Orientation:	Vertical	Cell #:	---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.50

Parameter	Initial	Final
Height, in	3.81	3.81
Diameter, in	1.99	1.99
Area, in^2	3.11	3.11
Volume, in^3	11.9	11.9
Mass, g	330.3	369.3
Bulk Density, pcf	106.0	118.5
Moisture Content, %	13.3	26.6
Dry Density, pcf	93.6	93.6
Degree of Saturation, %	50	100

B COEFFICIENT DETERMINATION

Cell Pressure, psi:	90.01	Increased Cell Pressure, psi:	95.03	Cell Pressure Increment, psi:	5.02
Sample Pressure, psi:	85.06	Corresponding Sample Pressure, psi:	89.87	Sample Pressure Increment, psi:	4.80
				B Coefficient:	0.96

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,		Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C	R_t	cm/sec
3/2	1	90.0	85.1	11.0	10.7	0.3	35	14.3	9.5E-07	19.5	1.013	9.6E-07
3/2	2	90.0	85.1	11.0	10.7	0.3	36	14.3	9.2E-07	19.5	1.013	9.4E-07
3/2	3	90.0	85.1	11.0	10.7	0.3	36	14.3	9.2E-07	19.5	1.013	9.4E-07
3/2	4	90.0	85.1	11.0	10.7	0.3	35	14.3	9.5E-07	19.5	1.013	9.6E-07

PERMEABILITY AT 20° C: 9.5 x 10^{-7} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers		
Project Name:	ISS Tetra Tech Study		
Project Location:	Middle River, MD		
GTX #:	307698		
Start Date:	3/1/2018	Tested By:	eec
End Date:	3/6/2018	Checked By:	emm
Boring #:	1/30/18		
Sample #:	1A-10% PC/LKD -OC-D		
Depth:	---		
Visual Description:	Soil cement mix		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type:	Intact	Permeant Fluid:	De-aired Distilled water
Orientation:	Vertical	Cell #:	---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.50

Parameter	Initial	Final
Height, in	3.92	3.92
Diameter, in	1.98	1.98
Area, in^2	3.08	3.08
Volume, in^3	12.1	12.1
Mass, g	337.8	376.9
Bulk Density, pcf	106.4	118.7
Moisture Content, %	12.9	25.9
Dry Density, pcf	94.3	94.3
Degree of Saturation, %	49	99

B COEFFICIENT DETERMINATION

Cell Pressure, psi:	90.02	Increased Cell Pressure, psi:	95.02	Cell Pressure Increment, psi:	5.01
Sample Pressure, psi:	85.04	Corresponding Sample Pressure, psi:	89.86	Sample Pressure Increment, psi:	4.82
				B Coefficient:	0.96

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,		Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C	R_t	cm/sec
3/5	1	90.0	85.0	12.0	11.8	0.2	30	15.2	7.0E-07	19.5	1.013	7.1E-07
3/5	2	90.0	85.0	12.0	11.8	0.2	31	15.2	6.8E-07	19.5	1.013	6.9E-07
3/5	3	90.0	85.0	12.0	11.8	0.2	32	15.2	6.6E-07	19.5	1.013	6.6E-07
3/5	4	90.0	85.0	12.0	11.8	0.2	33	15.2	6.4E-07	19.5	1.013	6.4E-07

PERMEABILITY AT 20° C: 6.8 x 10^{-7} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers		
Project Name:	ISS Tetra Tech Study		
Project Location:	Middle River, MD		
GTX #:	307698		
Start Date:	3/1/2018	Tested By:	eec
End Date:	3/6/2018	Checked By:	emm
Boring #:	1/30/2018		
Sample #:	1A-13% PC/LKD -OC		
Depth:	---		
Visual Description:	Soil cement mix		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type:	Intact	Permeant Fluid:	De-aired Distilled water
Orientation:	Vertical	Cell #:	---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.50

Parameter	Initial	Final
Height, in	3.91	3.91
Diameter, in	1.99	1.99
Area, in^2	3.11	3.11
Volume, in^3	12.2	12.2
Mass, g	311.8	364.3
Bulk Density, pcf	97.5	113.9
Moisture Content, %	11.3	30.0
Dry Density, pcf	87.6	87.6
Degree of Saturation, %	36	96

B COEFFICIENT DETERMINATION

Cell Pressure, psi:	90.00	Increased Cell Pressure, psi:	95.02	Cell Pressure Increment, psi:	5.02
Sample Pressure, psi:	85.19	Corresponding Sample Pressure, psi:	89.97	Sample Pressure Increment, psi:	4.78
				B Coefficient:	0.95

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,		Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C	R_t	cm/sec
3/5	1	90.0	80.0	13.0	12.7	0.3	34	16.5	8.5E-07	19.5	1.013	8.6E-07
3/5	2	90.0	80.0	13.0	12.7	0.3	35	16.5	8.2E-07	19.5	1.013	8.3E-07
3/5	3	90.0	80.0	13.0	12.7	0.3	33	16.5	8.7E-07	19.5	1.013	8.8E-07
3/5	4	90.0	80.0	13.0	12.7	0.3	33	16.5	8.7E-07	19.5	1.013	8.8E-07

PERMEABILITY AT 20° C: 8.7 x 10^{-7} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers		
Project Name:	ISS Tetra Tech Study		
Project Location:	Middle River, MD		
GTX #:	307698		
Start Date:	3/1/2018	Tested By:	eec
End Date:	3/6/2018	Checked By:	emm
Boring #:	1/30/2018		
Sample #:	1A-13% PC/LKD-OC-D		
Depth:	---		
Visual Description:	Soil cement mix		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type:	Intact	Permeant Fluid:	De-aired Distilled water
Orientation:	Vertical	Cell #:	---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.50

Parameter	Initial	Final
Height, in	3.85	3.85
Diameter, in	1.98	1.98
Area, in^2	3.08	3.08
Volume, in^3	11.9	11.9
Mass, g	326.6	369.6
Bulk Density, pcf	104.7	118.5
Moisture Content, %	11.9	26.6
Dry Density, pcf	93.6	93.6
Degree of Saturation, %	45	100

B COEFFICIENT DETERMINATION

Cell Pressure, psi:	90.01	Increased Cell Pressure, psi:	95.03	Cell Pressure Increment, psi:	5.01
Sample Pressure, psi:	85.06	Corresponding Sample Pressure, psi:	89.68	Sample Pressure Increment, psi:	4.61
				B Coefficient:	0.92

*B value did not increase with increase in pressure. Final degree of saturation >95%.

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,		Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C	R_t	cm/sec
3/5	1	90.0	85.1	10.5	10.3	0.2	31	13.5	7.6E-07	19.5	1.013	7.7E-07
3/5	2	90.0	85.1	10.5	10.3	0.2	30	13.5	7.9E-07	19.5	1.013	8.0E-07
3/5	3	90.0	85.1	10.5	10.3	0.2	31	13.5	7.6E-07	19.5	1.013	7.7E-07
3/5	4	90.0	85.1	10.5	10.3	0.2	32	13.5	7.4E-07	19.5	1.013	7.5E-07

PERMEABILITY AT 20° C: 7.7 x 10^{-7} cm/sec (@ 5 psi effective stress)

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www.geotesting.com

CLIENT		INVOICE (complete if different from Client)	
Company: SEST Consulting Engineers		Company:	
Address: 12A Maple Avenue		Address:	
City, State, Zip: Pine Brook NJ 07058		City, State, Zip:	
Contact: Armin Dahmani	Phone: 973-808-9050	Contact:	Phone:
E-mail: ad@SEST.org	Cell: 860-942-2881	E-mail:	Cell:

PROJECT		
Project Name: TSS Testing Tech Study	Client Project #: 10017	Purchase Order#:
Project Location: Middle River, MD	GTX Quote #:	Requested Turnaround:
On-site Contact:	E-mail: ad@SEST.org	Phone:

SOIL			Atterberg Limits (ASTM D 4318)	USCS – Classification (ASTM D 2487)	Grain Size (ASTM D 6913) (Sieve Only)	Grain Size (ASTM 7928) (Hydrometer)	Density (ASTM D 7263)	Moisture Content (ASTM D 2216)	Organic Content (ASTM D 2974)	pH (ASTM D 4972) (ASTM G51) Please circle one	Specific Gravity (ASTM D 854)	Electrical Resistivity (ASTM G 57) (AASHTO T 288) Please circle one	Proctor Compaction (Standard – ASTM D 698) (Modified – ASTM D 1557) please circle one	California Bearing Ratio * (ASTM D 1883)	Direct Shear* (ASTM D 3080)	Triaxial Shear* (UU – ASTM D 2850) (CU – ASTM D 4767) (CD – ASTM D7181) Please circle one	Incremental Consolidation* (ASTM D 2435)	Permeability/ Hydraulic Conductivity* (Fixed Wall – ASTM D 2434) (Flexible Wall – ASTM D5084) Please circle one	Unconfined Compression (ASTM D 2166)	Other:
~~Boring ID~~ mold date	Sample ID	Depth																			
1/19/18	1A-5%																	✓			
"	1A-5%-D																	~~Hold~~ ✓			
"	1A-10%																	✓			
"	1A-10%-D																	~~Hold~~ ✓			
"	1A-13%																	✓			
"	1A-13%-D																	~~Hold~~ ✓			
1/25/18	1A-5%-OC																	hold			
"	1A-5%-OC-D																	Hold			
"	1A-10%-OC																	hold			
"	1A-10%-OC-D																	Hold			
"	1A-13%-OC																	hold			

*Specify Test Conditions (Undisturbed or Remolded, Density and moisture, Test Normal Loads, Test Confining Stresses, etc.):

AUTHORIZE BY SIGNING AND DATING:

SIGNATURE: _____ PRINT NAME: Armin Dahmani DATE: 2/15/18

For GTX Use Only
Incoming Sample Inspection Performed □
Adverse conditions:

Relinquished By:	DATE: / TIME:	Received By:	DATE: 2/15/18 / TIME:
Relinquished By:	DATE: / TIME:	Received By:	DATE: / TIME:

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CLIENT		INVOICE (complete if different from Client)	
Company: SEST Consulting Engineers		Company:	
Address: 12A Maple Ave S		Address:	
City, State, Zip: Pine Brook NJ 07058		City, State, Zip:	
Contact: Amine Dahmani	Phone: 973-808-9050	Contact:	Phone:
E-mail: ad@SEST.org	Cell: 860-942-2881	E-mail:	Cell:

PROJECT		
Project Name: TSS tetra Tech Study	Client Project #: 10017	Purchase Order#:
Project Location: Middle River, MD	GTX Quote #:	Requested Turnaround:
On-site Contact:	E-mail: ad@SEST.org	Phone:

SOIL			Atterberg Limits (ASTM D 4318)	USCS – Classification (ASTM D 2487)	Grain Size (ASTM D 6913) (Sieve Only)	Grain Size (ASTM 7928) (Hydrometer)	Density (ASTM D 7263)	Moisture Content (ASTM D 2216)	Organic Content (ASTM D 2974)	pH (ASTM D 4972) (ASTM G51) Please circle one	Specific Gravity (ASTM D 854)	Electrical Resistivity (ASTM G 57) (AASHTO T 288) Please circle one	Proctor Compaction (Standard – ASTM D 698) (Modified – ASTM D 1557) please circle one	California Bearing Ratio * (ASTM D 1883)	Direct Shear* (ASTM D 3080)	Triaxial Shear* (UU – ASTM D 2850) (CU – ASTM D 4767) (CD – ASTM D7181) Please circle one	Incremental Consolidation* (ASTM D 2435)	Permeability/ Hydraulic Conductivity* (Fixed Wall – ASTM D 2434) (Flexible Wall – ASTM D5084) Please circle one	Unconfined Compression (ASTM D 2166)	Other:
~~Boring ID~~ mold date	Sample ID	Depth																		
1/23/18	4B-13%-																	hold		
"	4B-13%-D																	hold		
1/26/18	4B-5%-OC																	hold		
"	4B-5%-OC-D																	hold		
"	4B-10%-OC																	hold		
"	4B-10%-OC-D																	hold		
1/29/18	4B-13%-OC																	hold		
"	4B-13%-OC-D																	hold		
2/1/18	4B-5%-LKD/PC-OC																	hold		
2/1/18	4B-5%-LKD/PC-OC-D																	hold		
2/1/18	4B-10%-LKD/PC-OC																	hold		

*Specify Test Conditions (Undisturbed or Remolded, Density and moisture, Test Normal Loads, Test Confining Stresses, etc.):

AUTHORIZE BY SIGNING AND DATING:

SIGNATURE: _____ PRINT NAME: Amine Dahmani DATE: 2/15/18

For GTX Use Only
Incoming Sample Inspection Performed ☐
Adverse conditions:

Relinquished By:	DATE: / TIME:	Received By:	DATE: 2/15/18 / TIME:
Relinquished By:	DATE: / TIME:	Received By:	DATE: / TIME:

GeoTesting EXPRESS

SOIL CHAIN OF CUSTODY & TEST REQUEST

GeoTesting Express, Inc.
125 Nagog Park
Acton, MA 01720
800 434 1062 Toll Free

2358 Perimeter Park Drive, Suite 320
Atlanta, GA 30341
770 645 6575 Tel

www.geotesting.com

CLIENT			
Company:	SEST Consulting Engineers		
Address:	12A Maple Ave		
City, State, Zip:	Pine Brook	NJ	07058
Contact:	Amine Dahmani	Phone:	973-808-9050
E-mail:	ad@SEST.org	Cell:	860-942-2881

INVOICE (complete if different from Client)			
Company:			
Address:			
City, State, Zip:			
Contact:		Phone:	
E-mail:		Cell:	

PROJECT			
Project Name:	ISS Tetra Tech Study	Client Project #:	10017
Project Location:	Middle River, MD	GTX Quote #:	Purchase Order#:
On-site Contact:		E-mail: ad@SEST.org	Requested Turnaround:
			Phone:

SOIL			Atterberg Limits (ASTM D 4318)	USCS – Classification (ASTM D 2487)	Grain Size (ASTM D 6913) (Sieve Only)	Grain Size (ASTM 7928) (Hydrometer)	Density (ASTM D 7263)	Moisture Content (ASTM D 2216)	Organic Content (ASTM D 2974)	pH (ASTM D 4972) (ASTM G51) Please circle one	Specific Gravity (ASTM D 854)	Electrical Resistivity (ASTM G 57) (AASHTO T 288) Please circle one	Proctor Compaction (Standard – ASTM D 698) (Modified – ASTM D 1557) please circle one	California Bearing Ratio * (ASTM D 1883)	Direct Shear* (ASTM D 3080)	Triaxial Shear* (UU – ASTM D 2850) (CU – ASTM D 4767) (CD – ASTM D7181) Please circle one	Incremental Consolidation* (ASTM D 2435)	Permeability/ Hydraulic Conductivity* (Fixed Wall – ASTM D 2434) (Flexible Wall – ASTM D5084) Please circle one	Unconfined Compression (ASTM D 2166)	Other:
mold date Boring ID	Sample ID	Depth																			
1/25/18	1A-13%-OC-D																		hold		
1/30/18	1A-5%-PC/LKD-OC																		hold		
"	1A-5%-PC/LKD-OC-D																		hold		
"	1A-10%-PC/LKD-OC																		hold		
"	1A-10%-PC/LKD-OC-D																		hold		
"	1A-13%-PC/LKD-OC																		hold		
"	1A-13%-PC/LKD-OC-D																		hold		
1/22/18	4B-5%																		hold		
1/22/18	4B-5%-D																		hold		
1/23/18	4B-10%																		hold		
"	4B-10%-D																		hold		

*Specify Test Conditions (Undisturbed or Remolded, Density and moisture, Test Normal Loads, Test Confining Stresses, etc.):

AUTHORIZE BY SIGNING AND DATING:

SIGNATURE: _____ PRINT NAME: Amine Dahmani DATE: 2/15/18

For GTX Use Only
Incoming Sample Inspection Performed ☐
Adverse conditions:

Relinquished By:	DATE: / TIME:	Received By:	DATE: 2/15/18 / TIME:
Relinquished By:	DATE: / TIME:	Received By:	DATE: / TIME:

GeoTesting EXPRESS

SOIL CHAIN OF CUSTODY & TEST REQUEST

GeoTesting Express, Inc.
125 Nagog Park
Acton, MA 01720
800 434 1062 Toll Free

2358 Perimeter Park Drive, Suite 320
Atlanta, GA 30341
770 645 6575 Tel

www.geotesting.com

CLIENT			
Company:	SESI Consulting Engineers		
Address:	12 A Maple Ave		
City, State, Zip:	Pine Brook, NJ 07058		
Contact:	Amin Dahmani	Phone:	973-808-9050
E-mail:	ad@SESI.org	Cell:	860-941-2881

INVOICE (complete if different from Client)			
Company:			
Address:			
City, State, Zip:			
Contact:		Phone:	
E-mail:		Cell:	

PROJECT			
Project Name:	ISS Tioga Tech Study	Client Project #:	10017
Project Location:	Middle River, MD	GTX Quote #:	
On-site Contact:		E-mail:	ad@SESI.org
Purchase Order#:			
Requested Turnaround:			
Phone:			

SOIL			Atterberg Limits (ASTM D 4318)	USCS – Classification (ASTM D 2487)	Grain Size (ASTM D 6913) (Sieve Only)	Grain Size (ASTM 7928) (Hydrometer)	Density (ASTM D 7263)	Moisture Content (ASTM D 2216)	Organic Content (ASTM D 2974)	pH (ASTM D 4972) (ASTM G51) Please circle one.	Specific Gravity (ASTM D 854)	Electrical Resistivity (ASTM G 57) (AASHTO T 288) Please circle one	Proctor Compaction (Standard – ASTM D 698) (Modified – ASTM D 1557) please circle one	California Bearing Ratio * (ASTM D 1883)	Direct Shear* (ASTM D 3080)	Triaxial Shear* (UU – ASTM D 2850) (CU – ASTM D 4767) (CD – ASTM D7181) Please circle one	Incremental Consolidation* (ASTM D 2435)	Permeability/ Hydraulic Conductivity* (Fixed Wall – ASTM D 2434) (Flexible Wall – ASTM D5084) Please circle one	Unconfined Compression (ASTM D 2166)	Other:
mold date																					
Boring ID	Sample ID	Depth																			
2/1/18	4B-10%-LKD/BC-OC-D																	hold			
2/2/18	4B-13%-LKD/BC-OC																	hold			
2/2/18	4B-13%-LKD/BC-OC-D																	hold			
																		~~hold~~			
																		~~hold~~			

*Specify Test Conditions (Undisturbed or Remolded, Density and moisture, Test Normal Loads, Test Confining Stresses, etc.):

AUTHORIZE BY SIGNING AND DATING:

SIGNATURE: _____ PRINT NAME: Amin Dahmani DATE: 2/15/18

For GTX Use Only
Incoming Sample Inspection Performed ☐
Adverse conditions:

Relinquished By:	DATE: / TIME:	Received By:	DATE: 2/15/18 / TIME:
Relinquished By:	DATE: / TIME:	Received By:	DATE: / TIME:

GeoTesting EXPRESS

WARRANTY and LIABILITY

GeoTesting Express (GTX) warrants that all tests it performs are run in general accordance with the specified test procedures and accepted industry practice. GTX will correct or repeat any test that does not comply with this warranty. GTX has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

GTX may report engineering parameters that require us to interpret the test data. Such parameters are determined using accepted engineering procedures. However, GTX does not warrant that these parameters accurately reflect the true engineering properties of the *in situ* material. Responsibility for interpretation and use of the test data and these parameters for engineering and/or construction purposes rests solely with the user and not with GTX or any of its employees.

GTX's liability will be limited to correcting or repeating a test which fails our warranty. GTX's liability for damages to the Purchaser of testing services for any cause whatsoever shall be limited to the amount GTX received for the testing services. GTX will not be liable for any damages, or for any lost benefits or other consequential damages resulting from the use of these test results, even if GTX has been advised of the possibility of such damages. GTX will not be responsible for any liability of the Purchaser to any third party.

Commonly Used Symbols

A	pore pressure parameter for $\Delta\sigma_1 - \Delta\sigma_3$
B	pore pressure parameter for $\Delta\sigma_3$
CAI	CERCHAR Abrasiveness Index
CIU	isotropically consolidated undrained triaxial shear test
CR	compression ratio for one dimensional consolidation
CSR	cyclic stress ratio
C_c	coefficient of curvature, $(D_{30})^2 / (D_{10} \times D_{60})$
C_u	coefficient of uniformity, D_{60}/D_{10}
C_c	compression index for one dimensional consolidation
C_α	coefficient of secondary compression
c_v	coefficient of consolidation
c	cohesion intercept for total stresses
c'	cohesion intercept for effective stresses
D	diameter of specimen
D	damping ratio
D_{10}	diameter at which 10% of soil is finer
D_{15}	diameter at which 15% of soil is finer
D_{30}	diameter at which 30% of soil is finer
D_{50}	diameter at which 50% of soil is finer
D_{60}	diameter at which 60% of soil is finer
D_{85}	diameter at which 85% of soil is finer
d_{50}	displacement for 50% consolidation
d_{90}	displacement for 90% consolidation
d_{100}	displacement for 100% consolidation
E	Young's modulus
e	void ratio
e_c	void ratio after consolidation
e_o	initial void ratio
G	shear modulus
G_s	specific gravity of soil particles
H	height of specimen
H_R	Rebound Hardness number
i	gradient
I_S	Uncorrected point load strength
$I_{S(50)}$	Size corrected point load strength index
H_A	Modified Taber Abrasion
H_T	Total hardness
K_o	lateral stress ratio for one dimensional strain
k	permeability
LI	Liquidity Index
m_v	coefficient of volume change
n	porosity
PI	plasticity index
P_c	preconsolidation pressure
p	$(\sigma_1 + \sigma_3) / 2$, $(\sigma_v + \sigma_h) / 2$
p'	$(\sigma'_1 + \sigma'_3) / 2$, $(\sigma'_v + \sigma'_h) / 2$
p'_c	p' at consolidation
Q	quantity of flow
q	$(\sigma_1 - \sigma_3) / 2$
q_f	q at failure
q_o, q_i	initial q
q_c	q at consolidation
S_r	Post cyclic undrained shear strength
T	temperature
t	time
U, UC	unconfined compression test
UU, Q	unconsolidated undrained triaxial test
u_a	pore gas pressure
u_e	excess pore water pressure
u, u_w	pore water pressure
V	total volume
V_g	volume of gas
V_s	volume of solids
V_s	shear wave velocity
V_v	volume of voids
V_w	volume of water
V_o	initial volume
v	velocity
W	total weight
W_s	weight of solids
W_w	weight of water
w	water content
w_c	water content at consolidation
w_f	final water content
w_l	liquid limit
w_n	natural water content
w_p	plastic limit
w_s	shrinkage limit
w_o, w_i	initial water content
α	slope of q_f versus p_f
α'	slope of q_f versus p_f'
γ_t	total unit weight
γ_d	dry unit weight
γ_s	unit weight of solids
γ_w	unit weight of water
ε	strain
ε_{vol}	volume strain
ε_h, ε_v	horizontal strain, vertical strain
μ	Poisson's ratio, also viscosity
σ	normal stress
σ'	effective normal stress
σ_c, σ'_c	consolidation stress in isotropic stress system
σ_h, σ'_h	horizontal normal stress
σ_v, σ'_v	vertical normal stress
σ'_{vc}	Effective vertical consolidation stress
σ_1	major principal stress
σ_2	intermediate principal stress
σ_3	minor principal stress
τ	shear stress
φ	friction angle based on total stresses
φ'	friction angle based on effective stresses
φ'_r	residual friction angle
φ_{ult}	φ for ultimate strength

Appendix C

Alpha Lab Report

Leachability Tests

ANALYTICAL REPORT

Lab Number:	L1807489
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Amine Dahmani
Phone:	(973) 808-9050
Project Name:	TETRA TECH ISS
Project Number:	10017
Report Date:	03/12/18

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1807489
Report Date: 03/12/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1807489-01	1A-5%-L	WATER	MIDDLE RIVER, MD	03/03/18 16:00	03/05/18
L1807489-02	1A-5%-D-L	WATER	MIDDLE RIVER, MD	03/03/18 16:00	03/05/18
L1807489-03	1A-10%-L	WATER	MIDDLE RIVER, MD	03/03/18 16:00	03/05/18
L1807489-04	1A-10%-D-L	WATER	MIDDLE RIVER, MD	03/03/18 16:00	03/05/18
L1807489-05	1A-13%-L	WATER	MIDDLE RIVER, MD	03/03/18 16:00	03/05/18
L1807489-06	1A-13%-D-L	WATER	MIDDLE RIVER, MD	03/03/18 16:00	03/05/18
L1807489-07	TRIP BLANK	WATER	MIDDLE RIVER, MD	03/03/18 00:00	03/05/18

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	TETRA TECH ISS	**Lab Number:**	L1807489
Project Number:	10017	**Report Date:**	03/12/18

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L1807489-07: A sample identified as "TRIP BLANK" was received but not listed on the Chain of Custody. At the client's request, this sample was not analyzed.

PCBs

L1807489-01: The surrogate recoveries are outside the acceptance criteria for decachlorobiphenyl (241%/347%); however, the sample was not re-extracted due to coelution with obvious interferences.
L1807489-01: The sample has elevated detection limits due to limited sample volume available for analysis.
WG1095101-1: The surrogate recoveries were outside the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (11%/11%) and decachlorobiphenyl (15%/12%) ; however, re-extraction could not be performed due to lack of additional sample. The results of the original analysis are reported; however, all associated compounds are considered to have a potential bias.

Dissolved Metals

The WG1095392-4 Laboratory Duplicate RPD for arsenic (21%), performed on L1807489-01, is above the acceptance criteria; however, the sample and duplicate results are less than five times the reporting limit. Therefore, the RPD is valid.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Susan E O'Neil Susan O' Neil

Title: Technical Director/Representative Date: 03/12/18

ORGANICS

VOLATILES

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-01 D
Client ID: 1A-5%-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/07/18 14:59
Analyst: MKS

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	30	6.8	10
1,1-Dichloroethane	ND		ug/l	7.5	2.1	10
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	18	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	7.5	1.4	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
Trichlorofluoromethane	ND		ug/l	25	1.6	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	5.0	1.6	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
1,3-Dichloropropene, Total	ND		ug/l	5.0	1.4	10
1,1-Dichloropropene	ND		ug/l	25	2.4	10
Bromoform	ND		ug/l	20	2.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	7.5	2.0	10
Ethylbenzene	ND		ug/l	5.0	1.7	10
Chloromethane	ND		ug/l	25	2.0	10
Bromomethane	ND		ug/l	10	2.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	10	1.3	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	7.5	1.6	10
1,2-Dichloroethene, Total	ND		ug/l	5.0	1.6	10

Project Name: TETRA TECH ISS **Lab Number:** L1807489

Project Number: 10017 **Report Date:** 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-01 D
Client ID: 1A-5%-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	13	J	ug/l	25	1.8	10
1,3-Dichlorobenzene	ND		ug/l	25	1.9	10
1,4-Dichlorobenzene	11	J	ug/l	25	1.9	10
Methyl tert butyl ether	ND		ug/l	10	1.7	10
p/m-Xylene	ND		ug/l	10	3.3	10
o-Xylene	ND		ug/l	10	3.9	10
Xylenes, Total	ND		ug/l	10	3.3	10
cis-1,2-Dichloroethene	ND		ug/l	5.0	1.9	10
Dibromomethane	ND		ug/l	50	3.6	10
1,4-Dichlorobutane	ND		ug/l	50	4.6	10
1,2,3-Trichloropropane	ND		ug/l	50	1.8	10
Styrene	ND		ug/l	10	3.6	10
Dichlorodifluoromethane	ND		ug/l	50	2.4	10
Acetone	28	J	ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	3.0	10
2-Butanone	ND		ug/l	50	19.	10
Vinyl acetate	ND		ug/l	50	3.1	10
4-Methyl-2-pentanone	ND		ug/l	50	4.2	10
2-Hexanone	ND		ug/l	50	5.2	10
Ethyl methacrylate	ND		ug/l	50	6.1	10
Acrylonitrile	ND		ug/l	50	4.3	10
Bromochloromethane	ND		ug/l	25	1.5	10
Tetrahydrofuran	36	J	ug/l	50	8.3	10
2,2-Dichloropropane	ND		ug/l	25	2.0	10
1,2-Dibromoethane	ND		ug/l	20	1.9	10
1,3-Dichloropropane	ND		ug/l	25	2.1	10
1,1,1,2-Tetrachloroethane	ND		ug/l	5.0	1.6	10
Bromobenzene	ND		ug/l	25	1.5	10
n-Butylbenzene	ND		ug/l	5.0	1.9	10
sec-Butylbenzene	ND		ug/l	5.0	1.8	10
tert-Butylbenzene	ND		ug/l	25	2.0	10
o-Chlorotoluene	ND		ug/l	25	2.2	10
p-Chlorotoluene	ND		ug/l	25	1.8	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	3.5	10
Hexachlorobutadiene	ND		ug/l	5.0	2.2	10
Isopropylbenzene	ND		ug/l	5.0	1.9	10
p-Isopropyltoluene	ND		ug/l	5.0	1.9	10

Project Name: TETRA TECH ISS **Lab Number:** L1807489

Project Number: 10017 **Report Date:** 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-01 D
Client ID: 1A-5%-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	9.4	J	ug/l	25	2.2	10
n-Propylbenzene	ND		ug/l	5.0	1.7	10
1,2,3-Trichlorobenzene	310		ug/l	25	2.3	10
1,2,4-Trichlorobenzene	830		ug/l	25	2.2	10
1,3,5-Trimethylbenzene	ND		ug/l	25	2.2	10
1,2,4-Trimethylbenzene	ND		ug/l	25	1.9	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25	2.1	10
Ethyl ether	ND		ug/l	25	1.6	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-02 D
Client ID: 1A-5%-D-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/07/18 15:34
Analyst: MKS

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	30	6.8	10
1,1-Dichloroethane	ND		ug/l	7.5	2.1	10
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	18	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	7.5	1.4	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
Trichlorofluoromethane	ND		ug/l	25	1.6	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	5.0	1.6	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
1,3-Dichloropropene, Total	ND		ug/l	5.0	1.4	10
1,1-Dichloropropene	ND		ug/l	25	2.4	10
Bromoform	ND		ug/l	20	2.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	7.5	2.0	10
Ethylbenzene	ND		ug/l	5.0	1.7	10
Chloromethane	ND		ug/l	25	2.0	10
Bromomethane	ND		ug/l	10	2.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	10	1.3	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	7.5	1.6	10
1,2-Dichloroethene, Total	ND		ug/l	5.0	1.6	10

Project Name: TETRA TECH ISS **Lab Number:** L1807489

Project Number: 10017 **Report Date:** 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-02 D
Client ID: 1A-5%-D-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	19	J	ug/l	25	1.8	10
1,3-Dichlorobenzene	ND		ug/l	25	1.9	10
1,4-Dichlorobenzene	19	J	ug/l	25	1.9	10
Methyl tert butyl ether	ND		ug/l	10	1.7	10
p/m-Xylene	ND		ug/l	10	3.3	10
o-Xylene	ND		ug/l	10	3.9	10
Xylenes, Total	ND		ug/l	10	3.3	10
cis-1,2-Dichloroethene	ND		ug/l	5.0	1.9	10
Dibromomethane	ND		ug/l	50	3.6	10
1,4-Dichlorobutane	ND		ug/l	50	4.6	10
1,2,3-Trichloropropane	ND		ug/l	50	1.8	10
Styrene	ND		ug/l	10	3.6	10
Dichlorodifluoromethane	ND		ug/l	50	2.4	10
Acetone	33	J	ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	3.0	10
2-Butanone	ND		ug/l	50	19.	10
Vinyl acetate	ND		ug/l	50	3.1	10
4-Methyl-2-pentanone	ND		ug/l	50	4.2	10
2-Hexanone	ND		ug/l	50	5.2	10
Ethyl methacrylate	ND		ug/l	50	6.1	10
Acrylonitrile	ND		ug/l	50	4.3	10
Bromochloromethane	ND		ug/l	25	1.5	10
Tetrahydrofuran	31	J	ug/l	50	8.3	10
2,2-Dichloropropane	ND		ug/l	25	2.0	10
1,2-Dibromoethane	ND		ug/l	20	1.9	10
1,3-Dichloropropane	ND		ug/l	25	2.1	10
1,1,1,2-Tetrachloroethane	ND		ug/l	5.0	1.6	10
Bromobenzene	ND		ug/l	25	1.5	10
n-Butylbenzene	ND		ug/l	5.0	1.9	10
sec-Butylbenzene	ND		ug/l	5.0	1.8	10
tert-Butylbenzene	ND		ug/l	25	2.0	10
o-Chlorotoluene	ND		ug/l	25	2.2	10
p-Chlorotoluene	ND		ug/l	25	1.8	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	3.5	10
Hexachlorobutadiene	ND		ug/l	5.0	2.2	10
Isopropylbenzene	ND		ug/l	5.0	1.9	10
p-Isopropyltoluene	ND		ug/l	5.0	1.9	10

Project Name: TETRA TECH ISS **Lab Number:** L1807489

Project Number: 10017 **Report Date:** 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-02 D
Client ID: 1A-5%-D-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	11	J	ug/l	25	2.2	10
n-Propylbenzene	ND		ug/l	5.0	1.7	10
1,2,3-Trichlorobenzene	350		ug/l	25	2.3	10
1,2,4-Trichlorobenzene	1000		ug/l	25	2.2	10
1,3,5-Trimethylbenzene	ND		ug/l	25	2.2	10
1,2,4-Trimethylbenzene	ND		ug/l	25	1.9	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25	2.1	10
Ethyl ether	ND		ug/l	25	1.6	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	106		70-130

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-03 D
Client ID: 1A-10%-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/07/18 16:09
Analyst: MKS

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	30	6.8	10
1,1-Dichloroethane	ND		ug/l	7.5	2.1	10
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	18	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	7.5	1.4	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
Trichlorofluoromethane	ND		ug/l	25	1.6	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	5.0	1.6	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
1,3-Dichloropropene, Total	ND		ug/l	5.0	1.4	10
1,1-Dichloropropene	ND		ug/l	25	2.4	10
Bromoform	ND		ug/l	20	2.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	7.5	2.0	10
Ethylbenzene	ND		ug/l	5.0	1.7	10
Chloromethane	ND		ug/l	25	2.0	10
Bromomethane	ND		ug/l	10	2.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	10	1.3	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	7.5	1.6	10
1,2-Dichloroethene, Total	ND		ug/l	5.0	1.6	10

Project Name: TETRA TECH ISS **Lab Number:** L1807489

Project Number: 10017 **Report Date:** 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-03 D
Client ID: 1A-10%-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	17	J	ug/l	25	1.8	10
1,3-Dichlorobenzene	ND		ug/l	25	1.9	10
1,4-Dichlorobenzene	18	J	ug/l	25	1.9	10
Methyl tert butyl ether	ND		ug/l	10	1.7	10
p/m-Xylene	ND		ug/l	10	3.3	10
o-Xylene	ND		ug/l	10	3.9	10
Xylenes, Total	ND		ug/l	10	3.3	10
cis-1,2-Dichloroethene	ND		ug/l	5.0	1.9	10
Dibromomethane	ND		ug/l	50	3.6	10
1,4-Dichlorobutane	ND		ug/l	50	4.6	10
1,2,3-Trichloropropane	ND		ug/l	50	1.8	10
Styrene	ND		ug/l	10	3.6	10
Dichlorodifluoromethane	ND		ug/l	50	2.4	10
Acetone	38	J	ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	3.0	10
2-Butanone	ND		ug/l	50	19.	10
Vinyl acetate	ND		ug/l	50	3.1	10
4-Methyl-2-pentanone	ND		ug/l	50	4.2	10
2-Hexanone	ND		ug/l	50	5.2	10
Ethyl methacrylate	ND		ug/l	50	6.1	10
Acrylonitrile	ND		ug/l	50	4.3	10
Bromochloromethane	ND		ug/l	25	1.5	10
Tetrahydrofuran	28	J	ug/l	50	8.3	10
2,2-Dichloropropane	ND		ug/l	25	2.0	10
1,2-Dibromoethane	ND		ug/l	20	1.9	10
1,3-Dichloropropane	ND		ug/l	25	2.1	10
1,1,1,2-Tetrachloroethane	ND		ug/l	5.0	1.6	10
Bromobenzene	ND		ug/l	25	1.5	10
n-Butylbenzene	ND		ug/l	5.0	1.9	10
sec-Butylbenzene	ND		ug/l	5.0	1.8	10
tert-Butylbenzene	ND		ug/l	25	2.0	10
o-Chlorotoluene	ND		ug/l	25	2.2	10
p-Chlorotoluene	ND		ug/l	25	1.8	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	3.5	10
Hexachlorobutadiene	ND		ug/l	5.0	2.2	10
Isopropylbenzene	ND		ug/l	5.0	1.9	10
p-Isopropyltoluene	ND		ug/l	5.0	1.9	10

Project Name: TETRA TECH ISS **Lab Number:** L1807489

Project Number: 10017 **Report Date:** 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-03 D
Client ID: 1A-10%-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	8.3	J	ug/l	25	2.2	10
n-Propylbenzene	ND		ug/l	5.0	1.7	10
1,2,3-Trichlorobenzene	310		ug/l	25	2.3	10
1,2,4-Trichlorobenzene	940		ug/l	25	2.2	10
1,3,5-Trimethylbenzene	ND		ug/l	25	2.2	10
1,2,4-Trimethylbenzene	ND		ug/l	25	1.9	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25	2.1	10
Ethyl ether	ND		ug/l	25	1.6	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	105		70-130

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-04 D
Client ID: 1A-10%-D-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/07/18 17:55
Analyst: MKS

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	15	3.4	5
1,1-Dichloroethane	ND		ug/l	3.8	1.0	5
Chloroform	ND		ug/l	3.8	1.1	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	8.8	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	3.8	0.72	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	2.5	0.89	5
Trichlorofluoromethane	ND		ug/l	12	0.80	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	2.5	0.79	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
1,3-Dichloropropene, Total	ND		ug/l	2.5	0.72	5
1,1-Dichloropropene	ND		ug/l	12	1.2	5
Bromoform	ND		ug/l	10	1.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	ND		ug/l	2.5	0.80	5
Toluene	ND		ug/l	3.8	1.0	5
Ethylbenzene	ND		ug/l	2.5	0.84	5
Chloromethane	ND		ug/l	12	1.0	5
Bromomethane	ND		ug/l	5.0	1.3	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	5.0	0.67	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	3.8	0.82	5
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.82	5

Project Name: TETRA TECH ISS **Lab Number:** L1807489

Project Number: 10017 **Report Date:** 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-04 D
Client ID: 1A-10%-D-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	19		ug/l	12	0.92	5
1,3-Dichlorobenzene	ND		ug/l	12	0.93	5
1,4-Dichlorobenzene	18		ug/l	12	0.94	5
Methyl tert butyl ether	ND		ug/l	5.0	0.83	5
p/m-Xylene	ND		ug/l	5.0	1.7	5
o-Xylene	ND		ug/l	5.0	2.0	5
Xylenes, Total	ND		ug/l	5.0	1.7	5
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.94	5
Dibromomethane	ND		ug/l	25	1.8	5
1,4-Dichlorobutane	ND		ug/l	25	2.3	5
1,2,3-Trichloropropane	ND		ug/l	25	0.88	5
Styrene	ND		ug/l	5.0	1.8	5
Dichlorodifluoromethane	ND		ug/l	25	1.2	5
Acetone	94		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	1.5	5
2-Butanone	ND		ug/l	25	9.7	5
Vinyl acetate	ND		ug/l	25	1.6	5
4-Methyl-2-pentanone	ND		ug/l	25	2.1	5
2-Hexanone	ND		ug/l	25	2.6	5
Ethyl methacrylate	ND		ug/l	25	3.0	5
Acrylonitrile	ND		ug/l	25	2.2	5
Bromochloromethane	ND		ug/l	12	0.76	5
Tetrahydrofuran	22	J	ug/l	25	4.2	5
2,2-Dichloropropane	ND		ug/l	12	1.0	5
1,2-Dibromoethane	ND		ug/l	10	0.96	5
1,3-Dichloropropane	ND		ug/l	12	1.1	5
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.82	5
Bromobenzene	ND		ug/l	12	0.76	5
n-Butylbenzene	ND		ug/l	2.5	0.96	5
sec-Butylbenzene	ND		ug/l	2.5	0.90	5
tert-Butylbenzene	ND		ug/l	12	0.98	5
o-Chlorotoluene	ND		ug/l	12	1.1	5
p-Chlorotoluene	ND		ug/l	12	0.92	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	1.8	5
Hexachlorobutadiene	ND		ug/l	2.5	1.1	5
Isopropylbenzene	ND		ug/l	2.5	0.94	5
p-Isopropyltoluene	ND		ug/l	2.5	0.94	5

Project Name: TETRA TECH ISS
Lab Number: L1807489
Project Number: 10017
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-04 D
Client ID: 1A-10%-D-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	8.5	J	ug/l	12	1.1	5
n-Propylbenzene	ND		ug/l	2.5	0.86	5
1,2,3-Trichlorobenzene	290		ug/l	12	1.2	5
1,2,4-Trichlorobenzene	920		ug/l	12	1.1	5
1,3,5-Trimethylbenzene	ND		ug/l	12	1.1	5
1,2,4-Trimethylbenzene	ND		ug/l	12	0.96	5
trans-1,4-Dichloro-2-butene	ND		ug/l	12	1.1	5
Ethyl ether	ND		ug/l	12	0.82	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	106		70-130

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-05 D
Client ID: 1A-13%-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/07/18 16:45
Analyst: MKS

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	30	6.8	10
1,1-Dichloroethane	ND		ug/l	7.5	2.1	10
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	18	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	7.5	1.4	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
Trichlorofluoromethane	ND		ug/l	25	1.6	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	5.0	1.6	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
1,3-Dichloropropene, Total	ND		ug/l	5.0	1.4	10
1,1-Dichloropropene	ND		ug/l	25	2.4	10
Bromoform	ND		ug/l	20	2.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	7.5	2.0	10
Ethylbenzene	ND		ug/l	5.0	1.7	10
Chloromethane	ND		ug/l	25	2.0	10
Bromomethane	ND		ug/l	10	2.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	10	1.3	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	7.5	1.6	10
1,2-Dichloroethene, Total	ND		ug/l	5.0	1.6	10

Project Name: TETRA TECH ISS **Lab Number:** L1807489

Project Number: 10017 **Report Date:** 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-05 D
Client ID: 1A-13%-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	16	J	ug/l	25	1.8	10
1,3-Dichlorobenzene	ND		ug/l	25	1.9	10
1,4-Dichlorobenzene	16	J	ug/l	25	1.9	10
Methyl tert butyl ether	ND		ug/l	10	1.7	10
p/m-Xylene	ND		ug/l	10	3.3	10
o-Xylene	ND		ug/l	10	3.9	10
Xylenes, Total	ND		ug/l	10	3.3	10
cis-1,2-Dichloroethene	ND		ug/l	5.0	1.9	10
Dibromomethane	ND		ug/l	50	3.6	10
1,4-Dichlorobutane	ND		ug/l	50	4.6	10
1,2,3-Trichloropropane	ND		ug/l	50	1.8	10
Styrene	ND		ug/l	10	3.6	10
Dichlorodifluoromethane	ND		ug/l	50	2.4	10
Acetone	120		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	3.0	10
2-Butanone	ND		ug/l	50	19.	10
Vinyl acetate	ND		ug/l	50	3.1	10
4-Methyl-2-pentanone	ND		ug/l	50	4.2	10
2-Hexanone	ND		ug/l	50	5.2	10
Ethyl methacrylate	ND		ug/l	50	6.1	10
Acrylonitrile	ND		ug/l	50	4.3	10
Bromochloromethane	ND		ug/l	25	1.5	10
Tetrahydrofuran	10	J	ug/l	50	8.3	10
2,2-Dichloropropane	ND		ug/l	25	2.0	10
1,2-Dibromoethane	ND		ug/l	20	1.9	10
1,3-Dichloropropane	ND		ug/l	25	2.1	10
1,1,1,2-Tetrachloroethane	ND		ug/l	5.0	1.6	10
Bromobenzene	ND		ug/l	25	1.5	10
n-Butylbenzene	ND		ug/l	5.0	1.9	10
sec-Butylbenzene	ND		ug/l	5.0	1.8	10
tert-Butylbenzene	ND		ug/l	25	2.0	10
o-Chlorotoluene	ND		ug/l	25	2.2	10
p-Chlorotoluene	ND		ug/l	25	1.8	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	3.5	10
Hexachlorobutadiene	ND		ug/l	5.0	2.2	10
Isopropylbenzene	ND		ug/l	5.0	1.9	10
p-Isopropyltoluene	ND		ug/l	5.0	1.9	10

Project Name: TETRA TECH ISS **Lab Number:** L1807489

Project Number: 10017 **Report Date:** 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-05 D
Client ID: 1A-13%-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	7.7	J	ug/l	25	2.2	10
n-Propylbenzene	ND		ug/l	5.0	1.7	10
1,2,3-Trichlorobenzene	300		ug/l	25	2.3	10
1,2,4-Trichlorobenzene	890		ug/l	25	2.2	10
1,3,5-Trimethylbenzene	ND		ug/l	25	2.2	10
1,2,4-Trimethylbenzene	ND		ug/l	25	1.9	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25	2.1	10
Ethyl ether	ND		ug/l	25	1.6	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	107		70-130

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-06 D
Client ID: 1A-13%-D-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/07/18 17:20
Analyst: MKS

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	30	6.8	10
1,1-Dichloroethane	ND		ug/l	7.5	2.1	10
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	18	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	7.5	1.4	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
Trichlorofluoromethane	ND		ug/l	25	1.6	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	5.0	1.6	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
1,3-Dichloropropene, Total	ND		ug/l	5.0	1.4	10
1,1-Dichloropropene	ND		ug/l	25	2.4	10
Bromoform	ND		ug/l	20	2.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	7.5	2.0	10
Ethylbenzene	ND		ug/l	5.0	1.7	10
Chloromethane	ND		ug/l	25	2.0	10
Bromomethane	ND		ug/l	10	2.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	10	1.3	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	7.5	1.6	10
1,2-Dichloroethene, Total	ND		ug/l	5.0	1.6	10

Project Name: TETRA TECH ISS **Lab Number:** L1807489

Project Number: 10017 **Report Date:** 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-06 D
Client ID: 1A-13%-D-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	15	J	ug/l	25	1.8	10
1,3-Dichlorobenzene	ND		ug/l	25	1.9	10
1,4-Dichlorobenzene	16	J	ug/l	25	1.9	10
Methyl tert butyl ether	ND		ug/l	10	1.7	10
p/m-Xylene	ND		ug/l	10	3.3	10
o-Xylene	ND		ug/l	10	3.9	10
Xylenes, Total	ND		ug/l	10	3.3	10
cis-1,2-Dichloroethene	ND		ug/l	5.0	1.9	10
Dibromomethane	ND		ug/l	50	3.6	10
1,4-Dichlorobutane	ND		ug/l	50	4.6	10
1,2,3-Trichloropropane	ND		ug/l	50	1.8	10
Styrene	ND		ug/l	10	3.6	10
Dichlorodifluoromethane	ND		ug/l	50	2.4	10
Acetone	120		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	3.0	10
2-Butanone	ND		ug/l	50	19.	10
Vinyl acetate	ND		ug/l	50	3.1	10
4-Methyl-2-pentanone	ND		ug/l	50	4.2	10
2-Hexanone	ND		ug/l	50	5.2	10
Ethyl methacrylate	ND		ug/l	50	6.1	10
Acrylonitrile	ND		ug/l	50	4.3	10
Bromochloromethane	ND		ug/l	25	1.5	10
Tetrahydrofuran	26	J	ug/l	50	8.3	10
2,2-Dichloropropane	ND		ug/l	25	2.0	10
1,2-Dibromoethane	ND		ug/l	20	1.9	10
1,3-Dichloropropane	ND		ug/l	25	2.1	10
1,1,1,2-Tetrachloroethane	ND		ug/l	5.0	1.6	10
Bromobenzene	ND		ug/l	25	1.5	10
n-Butylbenzene	ND		ug/l	5.0	1.9	10
sec-Butylbenzene	ND		ug/l	5.0	1.8	10
tert-Butylbenzene	ND		ug/l	25	2.0	10
o-Chlorotoluene	ND		ug/l	25	2.2	10
p-Chlorotoluene	ND		ug/l	25	1.8	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	3.5	10
Hexachlorobutadiene	ND		ug/l	5.0	2.2	10
Isopropylbenzene	ND		ug/l	5.0	1.9	10
p-Isopropyltoluene	ND		ug/l	5.0	1.9	10

Project Name: TETRA TECH ISS **Lab Number:** L1807489

Project Number: 10017 **Report Date:** 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-06 D
Client ID: 1A-13%-D-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	8.0	J	ug/l	25	2.2	10
n-Propylbenzene	ND		ug/l	5.0	1.7	10
1,2,3-Trichlorobenzene	300		ug/l	25	2.3	10
1,2,4-Trichlorobenzene	900		ug/l	25	2.2	10
1,3,5-Trimethylbenzene	ND		ug/l	25	2.2	10
1,2,4-Trimethylbenzene	ND		ug/l	25	1.9	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25	2.1	10
Ethyl ether	ND		ug/l	25	1.6	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/07/18 09:05
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1095422-5					
Methylene chloride	ND		ug/l	3.0	0.68
1,1-Dichloroethane	ND		ug/l	0.75	0.21
Chloroform	ND		ug/l	0.75	0.22
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.8	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
2-Chloroethylvinyl ether	ND		ug/l	10	0.40
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	0.50	0.18
Trichlorofluoromethane	ND		ug/l	2.5	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.24
Bromoform	ND		ug/l	2.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	0.75	0.20
Ethylbenzene	ND		ug/l	0.50	0.17
Chloromethane	ND		ug/l	2.5	0.20
Bromomethane	ND		ug/l	1.0	0.26
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	1.0	0.13
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/07/18 09:05
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1095422-5					
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19
Methyl tert butyl ether	ND		ug/l	1.0	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.39
Xylenes, Total	ND		ug/l	1.0	0.33
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
Dibromomethane	ND		ug/l	5.0	0.36
1,4-Dichlorobutane	ND		ug/l	5.0	0.46
Iodomethane	ND		ug/l	5.0	0.40
1,2,3-Trichloropropane	ND		ug/l	5.0	0.18
Styrene	ND		ug/l	1.0	0.36
Dichlorodifluoromethane	ND		ug/l	5.0	0.24
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	0.30
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	0.31
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
2-Hexanone	ND		ug/l	5.0	0.52
Ethyl methacrylate	ND		ug/l	5.0	0.61
Acrolein	ND		ug/l	5.0	0.44
Acrylonitrile	ND		ug/l	5.0	0.43
Bromochloromethane	ND		ug/l	2.5	0.15
Tetrahydrofuran	ND		ug/l	5.0	0.83
2,2-Dichloropropane	ND		ug/l	2.5	0.20
1,2-Dibromoethane	ND		ug/l	2.0	0.19

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1807489
Report Date: 03/12/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/07/18 09:05
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1095422-5					
1,3-Dichloropropane	ND		ug/l	2.5	0.21
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16
Bromobenzene	ND		ug/l	2.5	0.15
n-Butylbenzene	ND		ug/l	0.50	0.19
sec-Butylbenzene	ND		ug/l	0.50	0.18
tert-Butylbenzene	ND		ug/l	2.5	0.20
o-Chlorotoluene	ND		ug/l	2.5	0.22
p-Chlorotoluene	ND		ug/l	2.5	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.35
Hexachlorobutadiene	0.27	J	ug/l	0.50	0.22
Isopropylbenzene	ND		ug/l	0.50	0.19
p-Isopropyltoluene	ND		ug/l	0.50	0.19
Naphthalene	ND		ug/l	2.5	0.22
n-Propylbenzene	ND		ug/l	0.50	0.17
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.22
1,3,5-Trichlorobenzene	ND		ug/l	2.0	0.14
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.19
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.21
Halothane	ND		ug/l	2.5	0.29
Ethyl ether	ND		ug/l	2.5	0.16
Methyl Acetate	ND		ug/l	10	0.23
Ethyl Acetate	ND		ug/l	10	0.72
Isopropyl Ether	ND		ug/l	2.0	0.42
Cyclohexane	ND		ug/l	10	0.27
Tert-Butyl Alcohol	ND		ug/l	10	1.4
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	0.18
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1807489
Report Date: 03/12/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/07/18 09:05
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1095422-5					
1,4-Dioxane	ND		ug/l	250	61.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	10	0.15
Methyl cyclohexane	ND		ug/l	10	0.40
p-Diethylbenzene	ND		ug/l	2.0	0.39
4-Ethyltoluene	ND		ug/l	2.0	0.34
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: TETRA TECH ISS

Project Number: 10017

Lab Number: L1807489

Report Date: 03/12/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1095422-3 WG1095422-4								
Methylene chloride	100		110		70-130	10		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	120		120		63-132	0		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	95		95		63-130	0		20
1,1,2-Trichloroethane	96		95		70-130	1		20
2-Chloroethylvinyl ether	77		82		70-130	6		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	97		98		75-130	1		25
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		120		67-130	9		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	94		95		70-130	1		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
1,1-Dichloropropene	120		110		70-130	9		20
Bromoform	81		81		54-136	0		20
1,1,2,2-Tetrachloroethane	91		91		67-130	0		20
Benzene	110		110		70-130	0		25
Toluene	99		99		70-130	0		25
Ethylbenzene	100		110		70-130	10		20
Chloromethane	110		110		64-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: TETRA TECH ISS

Project Number: 10017

Lab Number: L1807489

Report Date: 03/12/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1095422-3 WG1095422-4								
Bromomethane	78		77		39-139	1		20
Vinyl chloride	110		120		55-140	9		20
Chloroethane	110		120		55-138	9		20
1,1-Dichloroethene	110		110		61-145	0		25
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	110		110		70-130	0		25
1,2-Dichlorobenzene	93		93		70-130	0		20
1,3-Dichlorobenzene	93		95		70-130	2		20
1,4-Dichlorobenzene	93		95		70-130	2		20
Methyl tert butyl ether	96		100		63-130	4		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Dibromomethane	110		110		70-130	0		20
1,4-Dichlorobutane	92		94		70-130	2		20
Iodomethane	**62**	Q	**68**	Q	70-130	9		20
1,2,3-Trichloropropane	89		89		64-130	0		20
Styrene	105		110		70-130	5		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	120		110		58-148	9		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	120		120		63-138	0		20
Vinyl acetate	99		110		70-130	11		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: TETRA TECH ISS

Project Number: 10017

Lab Number: L1807489

Report Date: 03/12/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1095422-3 WG1095422-4								
4-Methyl-2-pentanone	87		88		59-130	1		20
2-Hexanone	84		87		57-130	4		20
Ethyl methacrylate	87		90		70-130	3		20
Acrolein	**140**	Q	**140**	Q	70-130	0		20
Acrylonitrile	110		110		70-130	0		20
Bromochloromethane	110		110		70-130	0		20
Tetrahydrofuran	96		100		58-130	4		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	94		95		70-130	1		20
1,3-Dichloropropane	96		97		70-130	1		20
1,1,1,2-Tetrachloroethane	97		100		64-130	3		20
Bromobenzene	92		95		70-130	3		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	97		99		70-130	2		20
p-Chlorotoluene	96		98		70-130	2		20
1,2-Dibromo-3-chloropropane	78		83		41-144	6		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		110		70-130	10		20
Naphthalene	100		97		70-130	3		20
n-Propylbenzene	100		110		69-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1807489
Report Date: 03/12/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1095422-3 WG1095422-4								
1,2,3-Trichlorobenzene	110		93		70-130	17		20
1,2,4-Trichlorobenzene	95		94		70-130	1		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,3,5-Trichlorobenzene	94		94		70-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
trans-1,4-Dichloro-2-butene	82		84		70-130	2		20
Halothane	110		110		70-130	0		20
Ethyl ether	100		110		59-134	10		20
Methyl Acetate	100		110		70-130	10		20
Ethyl Acetate	110		120		70-130	9		20
Isopropyl Ether	100		110		70-130	10		20
Cyclohexane	120		120		70-130	0		20
Tert-Butyl Alcohol	**134**	Q	**132**	Q	70-130	2		20
Ethyl-Tert-Butyl-Ether	98		100		70-130	2		20
Tertiary-Amyl Methyl Ether	100		100		66-130	0		20
1,4-Dioxane	128		116		56-162	10		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	120		120		70-130	0		20
Methyl cyclohexane	120		120		70-130	0		20
p-Diethylbenzene	110		110		70-130	0		20
4-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	95		97		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: TETRA TECH ISS

Project Number: 10017

Lab Number: L1807489

Report Date: 03/12/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1095422-3 WG1095422-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		103		70-130
Toluene-d8	94		94		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	102		106		70-130

SEMIVOLATILES

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-01
Client ID: 1A-5%-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/07/18 15:22
Analyst: KL

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 03/07/18 03:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	3.3		ug/l	0.10	0.03	1
2-Chloronaphthalene	ND		ug/l	0.19	0.03	1
Fluoranthene	1.3		ug/l	0.10	0.04	1
Naphthalene	12		ug/l	0.10	0.04	1
Benzo(a)anthracene	0.13		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.05	J	ug/l	0.10	0.04	1
Benzo(b)fluoranthene	0.07	J	ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	0.12		ug/l	0.10	0.04	1
Acenaphthylene	0.69		ug/l	0.10	0.03	1
Anthracene	1.3		ug/l	0.10	0.03	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	1.5		ug/l	0.10	0.04	1
Phenanthrene	5.1		ug/l	0.10	0.01	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	0.80		ug/l	0.10	0.04	1
1-Methylnaphthalene	0.77		ug/l	0.10	0.04	1
2-Methylnaphthalene	1.2		ug/l	0.10	0.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	80		15-120
4-Terphenyl-d14	70		41-149

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-02
Client ID: 1A-5%-D-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/07/18 15:55
Analyst: KL

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 03/07/18 03:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	3.3		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	1.2		ug/l	0.10	0.04	1
Naphthalene	13		ug/l	0.10	0.04	1
Benzo(a)anthracene	0.10		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	0.09	J	ug/l	0.10	0.04	1
Acenaphthylene	0.76		ug/l	0.10	0.04	1
Anthracene	1.3		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	1.5		ug/l	0.10	0.04	1
Phenanthrene	5.0		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	0.75		ug/l	0.10	0.04	1
1-Methylnaphthalene	0.79		ug/l	0.10	0.04	1
2-Methylnaphthalene	1.2		ug/l	0.10	0.05	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	86		15-120
4-Terphenyl-d14	87		41-149

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-03
Client ID: 1A-10%-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/07/18 16:27
Analyst: KL

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 03/07/18 03:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	1.8		ug/l	0.09	0.03	1
2-Chloronaphthalene	ND		ug/l	0.18	0.03	1
Fluoranthene	0.68		ug/l	0.09	0.04	1
Naphthalene	8.0		ug/l	0.09	0.04	1
Benzo(a)anthracene	0.06	J	ug/l	0.09	0.02	1
Benzo(a)pyrene	ND		ug/l	0.09	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.09	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.09	0.04	1
Chrysene	0.05	J	ug/l	0.09	0.04	1
Acenaphthylene	0.34		ug/l	0.09	0.03	1
Anthracene	0.72		ug/l	0.09	0.03	1
Benzo(ghi)perylene	ND		ug/l	0.09	0.04	1
Fluorene	0.80		ug/l	0.09	0.03	1
Phenanthrene	2.7		ug/l	0.09	0.01	1
Dibenzo(a,h)anthracene	ND		ug/l	0.09	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.09	0.04	1
Pyrene	0.41		ug/l	0.09	0.04	1
1-Methylnaphthalene	0.43		ug/l	0.09	0.04	1
2-Methylnaphthalene	0.68		ug/l	0.09	0.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	59		15-120
4-Terphenyl-d14	61		41-149

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-04
Client ID: 1A-10%-D-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/08/18 08:38
Analyst: DV

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 03/07/18 03:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	1.1		ug/l	0.10	0.03	1
2-Chloronaphthalene	ND		ug/l	0.19	0.03	1
Fluoranthene	0.41		ug/l	0.10	0.04	1
Naphthalene	7.2		ug/l	0.10	0.04	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	0.04	J	ug/l	0.10	0.04	1
Acenaphthylene	0.18		ug/l	0.10	0.03	1
Anthracene	0.56		ug/l	0.10	0.03	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	0.62		ug/l	0.10	0.04	1
Phenanthrene	2.1		ug/l	0.10	0.01	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	0.22		ug/l	0.10	0.04	1
1-Methylnaphthalene	0.34		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.56		ug/l	0.10	0.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	58		15-120
4-Terphenyl-d14	54		41-149

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-05
Client ID: 1A-13%-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/08/18 09:02
Analyst: DV

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 03/07/18 03:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	1.8		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.21	0.04	1
Fluoranthene	0.76		ug/l	0.10	0.04	1
Naphthalene	11		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.06	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	0.06	J	ug/l	0.10	0.04	1
Acenaphthylene	0.39		ug/l	0.10	0.04	1
Anthracene	0.80		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	0.65		ug/l	0.10	0.04	1
Phenanthrene	3.0		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	0.41		ug/l	0.10	0.04	1
1-Methylnaphthalene	0.70		ug/l	0.10	0.04	1
2-Methylnaphthalene	1.1		ug/l	0.10	0.05	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	74		15-120
4-Terphenyl-d14	61		41-149

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-06
Client ID: 1A-13%-D-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/08/18 09:28
Analyst: DV

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 03/07/18 03:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	2.0		ug/l	0.10	0.03	1
2-Chloronaphthalene	ND		ug/l	0.20	0.03	1
Fluoranthene	0.68		ug/l	0.10	0.04	1
Naphthalene	14		ug/l	0.10	0.04	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	0.05	J	ug/l	0.10	0.04	1
Acenaphthylene	0.42		ug/l	0.10	0.03	1
Anthracene	0.81		ug/l	0.10	0.03	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	0.92		ug/l	0.10	0.04	1
Phenanthrene	3.1		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	0.40		ug/l	0.10	0.04	1
1-Methylnaphthalene	0.82		ug/l	0.10	0.04	1
2-Methylnaphthalene	1.4		ug/l	0.10	0.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	66		15-120
4-Terphenyl-d14	56		41-149

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1807489
Report Date: 03/12/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/07/18 14:49
Analyst: KL

Extraction Method: EPA 3510C
Extraction Date: 03/07/18 03:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-06 Batch: WG1095130-1					
Acenaphthene	ND		ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.10	0.04
Naphthalene	ND		ug/l	0.10	0.04
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.04
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04
Chrysene	ND		ug/l	0.10	0.04
Acenaphthylene	ND		ug/l	0.10	0.04
Anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.10	0.04
Fluorene	ND		ug/l	0.10	0.04
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04
Pyrene	ND		ug/l	0.10	0.04
1-Methylnaphthalene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.05

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	90		15-120
4-Terphenyl-d14	96		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: TETRA TECH ISS

Project Number: 10017

Lab Number: L1807489

Report Date: 03/12/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-06 Batch: WG1095130-2 WG1095130-3								
Acenaphthene	77		76		40-140	1		40
2-Chloronaphthalene	72		71		40-140	1		40
Fluoranthene	82		82		40-140	0		40
Naphthalene	76		75		40-140	1		40
Benzo(a)anthracene	83		84		40-140	1		40
Benzo(a)pyrene	83		85		40-140	2		40
Benzo(b)fluoranthene	89		91		40-140	2		40
Benzo(k)fluoranthene	89		90		40-140	1		40
Chrysene	89		89		40-140	0		40
Acenaphthylene	73		74		40-140	1		40
Anthracene	82		81		40-140	1		40
Benzo(ghi)perylene	46		47		40-140	2		40
Fluorene	75		74		40-140	1		40
Phenanthrene	80		78		40-140	3		40
Dibenzo(a,h)anthracene	61		61		40-140	0		40
Indeno(1,2,3-cd)pyrene	55		56		40-140	2		40
Pyrene	84		84		40-140	0		40
1-Methylnaphthalene	72		71		40-140	1		40
2-Methylnaphthalene	70		69		40-140	1		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: TETRA TECH ISS

Project Number: 10017

Lab Number: L1807489

Report Date: 03/12/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-06 Batch: WG1095130-2 WG1095130-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	84		82		23-120
2-Fluorobiphenyl	93		92		15-120
4-Terphenyl-d14	96		95		41-149

PCBS

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1807489
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-01 D
Client ID: 1A-5%-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/12/18 00:48
Analyst: HT

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 03/07/18 00:44
Cleanup Method: EPA 3665A
Cleanup Date: 03/07/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/07/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	1.84	0.174	5	A
Aroclor 1221	ND		ug/l	1.84	0.282	5	A
Aroclor 1232	ND		ug/l	1.84	0.240	5	A
Aroclor 1242	ND		ug/l	1.84	0.262	5	A
Aroclor 1248	ND		ug/l	1.84	0.200	5	A
Aroclor 1254	ND		ug/l	1.84	0.307	5	A
Aroclor 1260	53.9		ug/l	1.84	0.176	5	A
Aroclor 1262	ND		ug/l	1.84	0.151	5	A
Aroclor 1268	ND		ug/l	1.84	0.240	5	A
PCBs, Total	53.9		ug/l	1.84	0.151	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	**347**	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	**241**	Q	30-150	A

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-02
Client ID: 1A-5%-D-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/07/18 20:40
Analyst: WR

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 03/07/18 00:44
Cleanup Method: EPA 3665A
Cleanup Date: 03/07/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/07/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.454	0.043	1	A
Aroclor 1221	ND		ug/l	0.454	0.070	1	A
Aroclor 1232	ND		ug/l	0.454	0.059	1	A
Aroclor 1242	ND		ug/l	0.454	0.065	1	A
Aroclor 1248	ND		ug/l	0.454	0.049	1	A
Aroclor 1254	ND		ug/l	0.454	0.076	1	A
Aroclor 1260	5.53		ug/l	0.454	0.044	1	A
Aroclor 1262	ND		ug/l	0.454	0.037	1	A
Aroclor 1268	ND		ug/l	0.454	0.059	1	A
PCBs, Total	5.53		ug/l	0.454	0.037	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	84		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	89		30-150	A

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-03
Client ID: 1A-10%-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/07/18 20:53
Analyst: WR

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 03/07/18 00:44
Cleanup Method: EPA 3665A
Cleanup Date: 03/07/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/07/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.568	0.054	1	A
Aroclor 1221	ND		ug/l	0.568	0.087	1	A
Aroclor 1232	ND		ug/l	0.568	0.074	1	A
Aroclor 1242	ND		ug/l	0.568	0.081	1	A
Aroclor 1248	ND		ug/l	0.568	0.062	1	A
Aroclor 1254	ND		ug/l	0.568	0.095	1	A
Aroclor 1260	2.40		ug/l	0.568	0.055	1	A
Aroclor 1262	ND		ug/l	0.568	0.047	1	A
Aroclor 1268	ND		ug/l	0.568	0.074	1	A
PCBs, Total	2.40		ug/l	0.568	0.047	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	83		30-150	B
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	92		30-150	A

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-04
Client ID: 1A-10%-D-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/07/18 21:06
Analyst: WR

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 03/07/18 00:44
Cleanup Method: EPA 3665A
Cleanup Date: 03/07/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/07/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.438	0.041	1	A
Aroclor 1221	ND		ug/l	0.438	0.067	1	A
Aroclor 1232	ND		ug/l	0.438	0.057	1	A
Aroclor 1242	ND		ug/l	0.438	0.062	1	A
Aroclor 1248	ND		ug/l	0.438	0.048	1	A
Aroclor 1254	ND		ug/l	0.438	0.073	1	A
Aroclor 1260	1.76		ug/l	0.438	0.042	1	B
Aroclor 1262	ND		ug/l	0.438	0.036	1	A
Aroclor 1268	ND		ug/l	0.438	0.057	1	A
PCBs, Total	1.76		ug/l	0.438	0.036	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	90		30-150	B
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	89		30-150	A

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-05
Client ID: 1A-13%-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/07/18 21:20
Analyst: WR

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 03/07/18 00:44
Cleanup Method: EPA 3665A
Cleanup Date: 03/07/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/07/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.472	0.045	1	A
Aroclor 1221	ND		ug/l	0.472	0.072	1	A
Aroclor 1232	ND		ug/l	0.472	0.062	1	A
Aroclor 1242	ND		ug/l	0.472	0.067	1	A
Aroclor 1248	ND		ug/l	0.472	0.051	1	A
Aroclor 1254	ND		ug/l	0.472	0.079	1	A
Aroclor 1260	0.981		ug/l	0.472	0.045	1	B
Aroclor 1262	ND		ug/l	0.472	0.039	1	A
Aroclor 1268	ND		ug/l	0.472	0.062	1	A
PCBs, Total	0.981		ug/l	0.472	0.039	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	88		30-150	B
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	91		30-150	A

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-06
Client ID: 1A-13%-D-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/07/18 21:33
Analyst: WR

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 03/07/18 00:44
Cleanup Method: EPA 3665A
Cleanup Date: 03/07/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/07/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.446	0.042	1	A
Aroclor 1221	ND		ug/l	0.446	0.069	1	A
Aroclor 1232	ND		ug/l	0.446	0.058	1	A
Aroclor 1242	ND		ug/l	0.446	0.064	1	A
Aroclor 1248	ND		ug/l	0.446	0.049	1	A
Aroclor 1254	ND		ug/l	0.446	0.075	1	A
Aroclor 1260	1.80		ug/l	0.446	0.043	1	A
Aroclor 1262	ND		ug/l	0.446	0.037	1	A
Aroclor 1268	ND		ug/l	0.446	0.058	1	A
PCBs, Total	1.80		ug/l	0.446	0.037	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	94		30-150	B
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	98		30-150	A

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1807489
Report Date: 03/12/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/07/18 20:13
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 03/07/18 00:44
Cleanup Method: EPA 3665A
Cleanup Date: 03/07/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/07/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
PCB by GC - Westborough Lab for sample(s): 01-06 Batch: WG1095101-1						
Aroclor 1016	ND		ug/l	0.250	0.024	A
Aroclor 1221	ND		ug/l	0.250	0.038	A
Aroclor 1232	ND		ug/l	0.250	0.033	A
Aroclor 1242	ND		ug/l	0.250	0.036	A
Aroclor 1248	ND		ug/l	0.250	0.027	A
Aroclor 1254	ND		ug/l	0.250	0.042	A
Aroclor 1260	ND		ug/l	0.250	0.024	A
Aroclor 1262	ND		ug/l	0.250	0.021	A
Aroclor 1268	ND		ug/l	0.250	0.033	A
PCBs, Total	ND		ug/l	0.250	0.021	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**11**	Q	30-150	B
Decachlorobiphenyl	**12**	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	**11**	Q	30-150	A
Decachlorobiphenyl	**15**	Q	30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: TETRA TECH ISS

Project Number: 10017

Lab Number: L1807489

Report Date: 03/12/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
PCB by GC - Westborough Lab Associated sample(s): 01-06 Batch: WG1095101-2 WG1095101-3									
Aroclor 1016	83		73		40-140	12		50	A
Aroclor 1260	82		76		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		73		30-150	B
Decachlorobiphenyl	108		82		30-150	B
2,4,5,6-Tetrachloro-m-xylene	89		76		30-150	A
Decachlorobiphenyl	91		87		30-150	A

METALS

Project Name: TETRA TECH ISS
Lab Number: L1807489
Project Number: 10017
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-01
Client ID: 1A-5%-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Antimony, Dissolved	1.146	J	ug/l	4.000	0.4290	1	03/07/18 15:15	03/08/18 10:00	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.7113		ug/l	0.5000	0.1650	1	03/07/18 15:15	03/08/18 10:00	EPA 3005A	1,6020A	AM
Barium, Dissolved	17.02		ug/l	0.5000	0.1730	1	03/07/18 15:15	03/08/18 10:00	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1070	1	03/07/18 15:15	03/08/18 10:00	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0599	1	03/07/18 15:15	03/08/18 10:00	EPA 3005A	1,6020A	AM
Chromium, Dissolved	64.55		ug/l	1.000	0.1780	1	03/07/18 15:15	03/08/18 10:00	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	1.091		ug/l	0.5000	0.1630	1	03/07/18 15:15	03/08/18 10:00	EPA 3005A	1,6020A	AM
Copper, Dissolved	1.331		ug/l	1.000	0.3840	1	03/07/18 15:15	03/08/18 10:00	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		ug/l	1.000	0.3430	1	03/07/18 15:15	03/08/18 10:00	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		ug/l	0.2000	0.0660	1	03/07/18 14:48	03/08/18 12:26	EPA 7470A	1,7470A	MG
Molybdenum, Dissolved	8.901		ug/l	2.000	0.6700	1	03/07/18 15:15	03/08/18 10:00	EPA 3005A	1,6020A	AM
Nickel, Dissolved	0.8058	J	ug/l	2.000	0.5560	1	03/07/18 15:15	03/08/18 10:00	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		ug/l	5.00	1.73	1	03/07/18 15:15	03/08/18 10:00	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		ug/l	0.4000	0.1630	1	03/07/18 15:15	03/08/18 10:00	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		ug/l	0.5000	0.1430	1	03/07/18 15:15	03/08/18 10:00	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	5.669		ug/l	5.000	1.570	1	03/07/18 15:15	03/08/18 10:00	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		ug/l	10.00	3.410	1	03/07/18 15:15	03/08/18 10:00	EPA 3005A	1,6020A	AM

Project Name: TETRA TECH ISS
Lab Number: L1807489
Project Number: 10017
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-02
Client ID: 1A-5%-D-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Antimony, Dissolved	0.8444	J	ug/l	4.000	0.4290	1	03/07/18 15:15	03/08/18 10:03	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.4582	J	ug/l	0.5000	0.1650	1	03/07/18 15:15	03/08/18 10:03	EPA 3005A	1,6020A	AM
Barium, Dissolved	13.57		ug/l	0.5000	0.1730	1	03/07/18 15:15	03/08/18 10:03	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1070	1	03/07/18 15:15	03/08/18 10:03	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0599	1	03/07/18 15:15	03/08/18 10:03	EPA 3005A	1,6020A	AM
Chromium, Dissolved	58.00		ug/l	1.000	0.1780	1	03/07/18 15:15	03/08/18 10:03	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.8944		ug/l	0.5000	0.1630	1	03/07/18 15:15	03/08/18 10:03	EPA 3005A	1,6020A	AM
Copper, Dissolved	1.324		ug/l	1.000	0.3840	1	03/07/18 15:15	03/08/18 10:03	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		ug/l	1.000	0.3430	1	03/07/18 15:15	03/08/18 10:03	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		ug/l	0.2000	0.0660	1	03/07/18 14:48	03/08/18 12:31	EPA 7470A	1,7470A	MG
Molybdenum, Dissolved	7.940		ug/l	2.000	0.6700	1	03/07/18 15:15	03/08/18 10:03	EPA 3005A	1,6020A	AM
Nickel, Dissolved	ND		ug/l	2.000	0.5560	1	03/07/18 15:15	03/08/18 10:03	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		ug/l	5.00	1.73	1	03/07/18 15:15	03/08/18 10:03	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		ug/l	0.4000	0.1630	1	03/07/18 15:15	03/08/18 10:03	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		ug/l	0.5000	0.1430	1	03/07/18 15:15	03/08/18 10:03	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	5.659		ug/l	5.000	1.570	1	03/07/18 15:15	03/08/18 10:03	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		ug/l	10.00	3.410	1	03/07/18 15:15	03/08/18 10:03	EPA 3005A	1,6020A	AM

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-03
Client ID: 1A-10%-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Antimony, Dissolved	1.633	J	ug/l	4.000	0.4290	1	03/07/18 15:15	03/08/18 10:35	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.2728	J	ug/l	0.5000	0.1650	1	03/07/18 15:15	03/08/18 10:35	EPA 3005A	1,6020A	AM
Barium, Dissolved	24.00		ug/l	0.5000	0.1730	1	03/07/18 15:15	03/08/18 10:35	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1070	1	03/07/18 15:15	03/08/18 10:35	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0599	1	03/07/18 15:15	03/08/18 10:35	EPA 3005A	1,6020A	AM
Chromium, Dissolved	24.28		ug/l	1.000	0.1780	1	03/07/18 15:15	03/08/18 10:35	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	1.264		ug/l	0.5000	0.1630	1	03/07/18 15:15	03/08/18 10:35	EPA 3005A	1,6020A	AM
Copper, Dissolved	1.136		ug/l	1.000	0.3840	1	03/07/18 15:15	03/08/18 10:35	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		ug/l	1.000	0.3430	1	03/07/18 15:15	03/08/18 10:35	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		ug/l	0.2000	0.0660	1	03/07/18 14:48	03/08/18 12:33	EPA 7470A	1,7470A	MG
Molybdenum, Dissolved	3.291		ug/l	2.000	0.6700	1	03/07/18 15:15	03/08/18 10:35	EPA 3005A	1,6020A	AM
Nickel, Dissolved	ND		ug/l	2.000	0.5560	1	03/07/18 15:15	03/08/18 10:35	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		ug/l	5.00	1.73	1	03/07/18 15:15	03/08/18 10:35	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		ug/l	0.4000	0.1630	1	03/07/18 15:15	03/08/18 10:35	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		ug/l	0.5000	0.1430	1	03/07/18 15:15	03/08/18 10:35	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	5.334		ug/l	5.000	1.570	1	03/07/18 15:15	03/08/18 10:35	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		ug/l	10.00	3.410	1	03/07/18 15:15	03/08/18 10:35	EPA 3005A	1,6020A	AM

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-04
Client ID: 1A-10%-D-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Antimony, Dissolved	0.8390	J	ug/l	4.000	0.4290	1	03/07/18 15:15	03/08/18 10:38	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.2261	J	ug/l	0.5000	0.1650	1	03/07/18 15:15	03/08/18 10:38	EPA 3005A	1,6020A	AM
Barium, Dissolved	28.92		ug/l	0.5000	0.1730	1	03/07/18 15:15	03/08/18 10:38	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1070	1	03/07/18 15:15	03/08/18 10:38	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0599	1	03/07/18 15:15	03/08/18 10:38	EPA 3005A	1,6020A	AM
Chromium, Dissolved	34.36		ug/l	1.000	0.1780	1	03/07/18 15:15	03/08/18 10:38	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	1.506		ug/l	0.5000	0.1630	1	03/07/18 15:15	03/08/18 10:38	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.7275	J	ug/l	1.000	0.3840	1	03/07/18 15:15	03/08/18 10:38	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		ug/l	1.000	0.3430	1	03/07/18 15:15	03/08/18 10:38	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		ug/l	0.2000	0.0660	1	03/07/18 14:48	03/08/18 12:34	EPA 7470A	1,7470A	MG
Molybdenum, Dissolved	3.876		ug/l	2.000	0.6700	1	03/07/18 15:15	03/08/18 10:38	EPA 3005A	1,6020A	AM
Nickel, Dissolved	ND		ug/l	2.000	0.5560	1	03/07/18 15:15	03/08/18 10:38	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		ug/l	5.00	1.73	1	03/07/18 15:15	03/08/18 10:38	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		ug/l	0.4000	0.1630	1	03/07/18 15:15	03/08/18 10:38	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		ug/l	0.5000	0.1430	1	03/07/18 15:15	03/08/18 10:38	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	4.573	J	ug/l	5.000	1.570	1	03/07/18 15:15	03/08/18 10:38	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		ug/l	10.00	3.410	1	03/07/18 15:15	03/08/18 10:38	EPA 3005A	1,6020A	AM

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-05
Client ID: 1A-13%-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water
Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Antimony, Dissolved	0.8733	J	ug/l	4.000	0.4290	1	03/07/18 15:15	03/08/18 10:42	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.2157	J	ug/l	0.5000	0.1650	1	03/07/18 15:15	03/08/18 10:42	EPA 3005A	1,6020A	AM
Barium, Dissolved	29.43		ug/l	0.5000	0.1730	1	03/07/18 15:15	03/08/18 10:42	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1070	1	03/07/18 15:15	03/08/18 10:42	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0599	1	03/07/18 15:15	03/08/18 10:42	EPA 3005A	1,6020A	AM
Chromium, Dissolved	34.17		ug/l	1.000	0.1780	1	03/07/18 15:15	03/08/18 10:42	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	2.008		ug/l	0.5000	0.1630	1	03/07/18 15:15	03/08/18 10:42	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.9040	J	ug/l	1.000	0.3840	1	03/07/18 15:15	03/08/18 10:42	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		ug/l	1.000	0.3430	1	03/07/18 15:15	03/08/18 10:42	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		ug/l	0.2000	0.0660	1	03/07/18 14:48	03/08/18 12:36	EPA 7470A	1,7470A	MG
Molybdenum, Dissolved	3.167		ug/l	2.000	0.6700	1	03/07/18 15:15	03/08/18 10:42	EPA 3005A	1,6020A	AM
Nickel, Dissolved	ND		ug/l	2.000	0.5560	1	03/07/18 15:15	03/08/18 10:42	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		ug/l	5.00	1.73	1	03/07/18 15:15	03/08/18 10:42	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		ug/l	0.4000	0.1630	1	03/07/18 15:15	03/08/18 10:42	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		ug/l	0.5000	0.1430	1	03/07/18 15:15	03/08/18 10:42	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	5.222		ug/l	5.000	1.570	1	03/07/18 15:15	03/08/18 10:42	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		ug/l	10.00	3.410	1	03/07/18 15:15	03/08/18 10:42	EPA 3005A	1,6020A	AM

Project Name: TETRA TECH ISS
Lab Number: L1807489
Project Number: 10017
Report Date: 03/12/18

SAMPLE RESULTS

Lab ID: L1807489-06
Client ID: 1A-13%-D-L
Sample Location: MIDDLE RIVER, MD
Sample Depth:
Matrix: Water

Date Collected: 03/03/18 16:00
Date Received: 03/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Antimony, Dissolved	0.8696	J	ug/l	4.000	0.4290	1	03/07/18 15:15	03/08/18 10:46	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.2250	J	ug/l	0.5000	0.1650	1	03/07/18 15:15	03/08/18 10:46	EPA 3005A	1,6020A	AM
Barium, Dissolved	43.65		ug/l	0.5000	0.1730	1	03/07/18 15:15	03/08/18 10:46	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1070	1	03/07/18 15:15	03/08/18 10:46	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0599	1	03/07/18 15:15	03/08/18 10:46	EPA 3005A	1,6020A	AM
Chromium, Dissolved	32.85		ug/l	1.000	0.1780	1	03/07/18 15:15	03/08/18 10:46	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	1.982		ug/l	0.5000	0.1630	1	03/07/18 15:15	03/08/18 10:46	EPA 3005A	1,6020A	AM
Copper, Dissolved	1.008		ug/l	1.000	0.3840	1	03/07/18 15:15	03/08/18 10:46	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		ug/l	1.000	0.3430	1	03/07/18 15:15	03/08/18 10:46	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		ug/l	0.2000	0.0660	1	03/07/18 14:48	03/08/18 12:38	EPA 7470A	1,7470A	MG
Molybdenum, Dissolved	3.141		ug/l	2.000	0.6700	1	03/07/18 15:15	03/08/18 10:46	EPA 3005A	1,6020A	AM
Nickel, Dissolved	ND		ug/l	2.000	0.5560	1	03/07/18 15:15	03/08/18 10:46	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		ug/l	5.00	1.73	1	03/07/18 15:15	03/08/18 10:46	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		ug/l	0.4000	0.1630	1	03/07/18 15:15	03/08/18 10:46	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		ug/l	0.5000	0.1430	1	03/07/18 15:15	03/08/18 10:46	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	5.752		ug/l	5.000	1.570	1	03/07/18 15:15	03/08/18 10:46	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		ug/l	10.00	3.410	1	03/07/18 15:15	03/08/18 10:46	EPA 3005A	1,6020A	AM

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1807489
Report Date: 03/12/18

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1095386-1										
Mercury, Dissolved	ND		ug/l	0.2000	0.0660	1	03/07/18 14:48	03/08/18 12:22	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1095392-1										
Antimony, Dissolved	0.9840	J	ug/l	4.000	0.4290	1	03/07/18 15:15	03/08/18 09:40	1,6020A	AM
Arsenic, Dissolved	ND		ug/l	0.5000	0.1650	1	03/07/18 15:15	03/08/18 09:40	1,6020A	AM
Barium, Dissolved	ND		ug/l	0.5000	0.1730	1	03/07/18 15:15	03/08/18 09:40	1,6020A	AM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1070	1	03/07/18 15:15	03/08/18 09:40	1,6020A	AM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0599	1	03/07/18 15:15	03/08/18 09:40	1,6020A	AM
Chromium, Dissolved	ND		ug/l	1.000	0.1780	1	03/07/18 15:15	03/08/18 09:40	1,6020A	AM
Cobalt, Dissolved	ND		ug/l	0.5000	0.1630	1	03/07/18 15:15	03/08/18 09:40	1,6020A	AM
Copper, Dissolved	ND		ug/l	1.000	0.3840	1	03/07/18 15:15	03/08/18 09:40	1,6020A	AM
Lead, Dissolved	ND		ug/l	1.000	0.3430	1	03/07/18 15:15	03/08/18 09:40	1,6020A	AM
Molybdenum, Dissolved	ND		ug/l	2.000	0.6700	1	03/07/18 15:15	03/08/18 09:40	1,6020A	AM
Nickel, Dissolved	ND		ug/l	2.000	0.5560	1	03/07/18 15:15	03/08/18 09:40	1,6020A	AM
Selenium, Dissolved	ND		ug/l	5.00	1.73	1	03/07/18 15:15	03/08/18 09:40	1,6020A	AM
Silver, Dissolved	ND		ug/l	0.4000	0.1630	1	03/07/18 15:15	03/08/18 09:40	1,6020A	AM
Thallium, Dissolved	ND		ug/l	0.5000	0.1430	1	03/07/18 15:15	03/08/18 09:40	1,6020A	AM
Vanadium, Dissolved	ND		ug/l	5.000	1.570	1	03/07/18 15:15	03/08/18 09:40	1,6020A	AM
Zinc, Dissolved	ND		ug/l	10.00	3.410	1	03/07/18 15:15	03/08/18 09:40	1,6020A	AM

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: TETRA TECH ISS

Project Number: 10017

Lab Number: L1807489

Report Date: 03/12/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1095386-2								
Mercury, Dissolved	100		-		80-120	-		
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1095392-2								
Antimony, Dissolved	110		-		80-120	-		
Arsenic, Dissolved	111		-		80-120	-		
Barium, Dissolved	102		-		80-120	-		
Beryllium, Dissolved	105		-		80-120	-		
Cadmium, Dissolved	110		-		80-120	-		
Chromium, Dissolved	97		-		80-120	-		
Cobalt, Dissolved	112		-		80-120	-		
Copper, Dissolved	112		-		80-120	-		
Lead, Dissolved	108		-		80-120	-		
Molybdenum, Dissolved	100		-		80-120	-		
Nickel, Dissolved	115		-		80-120	-		
Selenium, Dissolved	115		-		80-120	-		
Silver, Dissolved	110		-		80-120	-		
Thallium, Dissolved	104		-		80-120	-		
Vanadium, Dissolved	100		-		80-120	-		
Zinc, Dissolved	113		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1807489
Report Date: 03/12/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1095386-3 QC Sample: L1807489-01 Client ID: 1A-5%-L												
Mercury, Dissolved	ND	5	4.970	99		-	-		75-125	-		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1095392-3 QC Sample: L1807489-01 Client ID: 1A-5%-L												
Antimony, Dissolved	1.146J	500	582.6	116		-	-		75-125	-		20
Arsenic, Dissolved	0.7113	120	133.1	110		-	-		75-125	-		20
Barium, Dissolved	17.02	2000	2047	101		-	-		75-125	-		20
Beryllium, Dissolved	ND	50	53.28	106		-	-		75-125	-		20
Cadmium, Dissolved	ND	51	55.61	109		-	-		75-125	-		20
Chromium, Dissolved	64.55	200	304.7	120		-	-		75-125	-		20
Cobalt, Dissolved	1.091	500	572.0	114		-	-		75-125	-		20
Copper, Dissolved	1.331	250	281.8	112		-	-		75-125	-		20
Lead, Dissolved	ND	510	549.1	108		-	-		75-125	-		20
Molybdenum, Dissolved	8.901	1000	1023	101		-	-		75-125	-		20
Nickel, Dissolved	0.8058J	500	571.8	114		-	-		75-125	-		20
Selenium, Dissolved	ND	120	137	114		-	-		75-125	-		20
Silver, Dissolved	ND	50	53.18	106		-	-		75-125	-		20
Thallium, Dissolved	ND	120	124.2	104		-	-		75-125	-		20
Vanadium, Dissolved	5.669	500	601.5	119		-	-		75-125	-		20
Zinc, Dissolved	ND	500	570.6	114		-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1807489
Report Date: 03/12/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1095386-4 QC Sample: L1807489-01 Client ID: 1A-5%-L						
Mercury, Dissolved	ND	ND	ug/l	NC		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1095392-4 QC Sample: L1807489-01 Client ID: 1A-5%-L						
Antimony, Dissolved	1.146J	1.950J	ug/l	NC		20
Arsenic, Dissolved	0.7113	0.5788	ug/l	**21**	Q	20
Barium, Dissolved	17.02	17.07	ug/l	0		20
Beryllium, Dissolved	ND	ND	ug/l	NC		20
Cadmium, Dissolved	ND	ND	ug/l	NC		20
Chromium, Dissolved	64.55	64.75	ug/l	0		20
Cobalt, Dissolved	1.091	1.125	ug/l	3		20
Copper, Dissolved	1.331	1.528	ug/l	14		20
Lead, Dissolved	ND	ND	ug/l	NC		20
Molybdenum, Dissolved	8.901	8.954	ug/l	1		20
Nickel, Dissolved	0.8058J	0.7036J	ug/l	NC		20
Selenium, Dissolved	ND	ND	ug/l	NC		20
Silver, Dissolved	ND	ND	ug/l	NC		20
Thallium, Dissolved	ND	ND	ug/l	NC		20
Vanadium, Dissolved	5.669	5.804	ug/l	2		20
Zinc, Dissolved	ND	ND	ug/l	NC		20

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1807489
Report Date: 03/12/18

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1807489-01A	Vial HCl preserved	A	NA		4.3	Y	Absent		8260(14)
L1807489-01B	Vial HCl preserved	A	NA		4.3	Y	Absent		8260(14)
L1807489-01C	Vial HCl preserved	A	NA		4.3	Y	Absent		8260(14)
L1807489-01D	Plastic 250ml unpreserved	A	9	9	4.3	Y	Absent		A2-FILTERMET(1)
L1807489-01E	Amber 1000ml unpreserved	A	9	9	4.3	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1807489-01F	Amber 1000ml unpreserved	A	9	9	4.3	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1807489-01X	Plastic 250ml HNO3 preserved Filtrates	A	NA		4.3	Y	Absent		PB-6020S-PPB(180),AG-6020S-PPB(180),BE-6020S-PPB(180),TL-6020S-PPB(180),HG-S-PPB(28),ZN-6020S-PPB(180),CD-6020S-PPB(180),CO-6020S-PPB(180),CU-6020S-PPB(180),AS-6020S-PPB(180),CR-6020S-PPB(180),SB-6020S-PPB(180),BA-6020S-PPB(180),V-6020S-PPB(180),MO-6020S-PPB(180),NI-6020S-PPB(180),SE-6020S-PPB(180)
L1807489-02A	Vial HCl preserved	A	NA		4.3	Y	Absent		8260(14)
L1807489-02B	Vial HCl preserved	A	NA		4.3	Y	Absent		8260(14)
L1807489-02C	Vial HCl preserved	A	NA		4.3	Y	Absent		8260(14)
L1807489-02D	Plastic 250ml unpreserved	A	9	9	4.3	Y	Absent		A2-FILTERMET(1)
L1807489-02E	Amber 1000ml unpreserved	A	9	9	4.3	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1807489-02F	Amber 1000ml unpreserved	A	9	9	4.3	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1807489-02X	Plastic 250ml HNO3 preserved Filtrates	A	NA		4.3	Y	Absent		PB-6020S-PPB(180),AG-6020S-PPB(180),BE-6020S-PPB(180),TL-6020S-PPB(180),HG-S-PPB(28),ZN-6020S-PPB(180),CD-6020S-PPB(180),CO-6020S-PPB(180),CU-6020S-PPB(180),AS-6020S-PPB(180),CR-6020S-PPB(180),SB-6020S-PPB(180),BA-6020S-PPB(180),V-6020S-PPB(180),MO-6020S-PPB(180),NI-6020S-PPB(180),SE-6020S-PPB(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1807489-03A	Vial HCl preserved	A	NA		4.3	Y	Absent		8260(14)
L1807489-03B	Vial HCl preserved	A	NA		4.3	Y	Absent		8260(14)
L1807489-03C	Vial HCl preserved	A	NA		4.3	Y	Absent		8260(14)
L1807489-03D	Plastic 250ml unpreserved	A	9	9	4.3	Y	Absent		A2-FILTERMET(1)
L1807489-03E	Amber 1000ml unpreserved	A	9	9	4.3	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1807489-03F	Amber 1000ml unpreserved	A	9	9	4.3	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1807489-03X	Plastic 250ml HNO3 preserved Filtrates	A	NA		4.3	Y	Absent		PB-6020S-PPB(180),AG-6020S-PPB(180),BE-6020S-PPB(180),TL-6020S-PPB(180),HG-S-PPB(28),ZN-6020S-PPB(180),CD-6020S-PPB(180),CO-6020S-PPB(180),CU-6020S-PPB(180),AS-6020S-PPB(180),CR-6020S-PPB(180),SB-6020S-PPB(180),BA-6020S-PPB(180),V-6020S-PPB(180),MO-6020S-PPB(180),NI-6020S-PPB(180),SE-6020S-PPB(180)
L1807489-04A	Vial HCl preserved	B	NA		3.5	Y	Absent		8260(14)
L1807489-04B	Vial HCl preserved	B	NA		3.5	Y	Absent		8260(14)
L1807489-04C	Vial HCl preserved	B	NA		3.5	Y	Absent		8260(14)
L1807489-04D	Plastic 250ml unpreserved	B	9	9	3.5	Y	Absent		A2-FILTERMET(1)
L1807489-04E	Amber 1000ml unpreserved	B	9	9	3.5	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1807489-04F	Amber 1000ml unpreserved	B	9	9	3.5	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1807489-04X	Plastic 250ml HNO3 preserved Filtrates	B	NA		3.5	Y	Absent		PB-6020S-PPB(180),AG-6020S-PPB(180),BE-6020S-PPB(180),TL-6020S-PPB(180),HG-S-PPB(28),ZN-6020S-PPB(180),CD-6020S-PPB(180),CO-6020S-PPB(180),CU-6020S-PPB(180),AS-6020S-PPB(180),CR-6020S-PPB(180),SB-6020S-PPB(180),BA-6020S-PPB(180),V-6020S-PPB(180),MO-6020S-PPB(180),NI-6020S-PPB(180),SE-6020S-PPB(180)
L1807489-05A	Vial HCl preserved	B	NA		3.5	Y	Absent		8260(14)
L1807489-05B	Vial HCl preserved	B	NA		3.5	Y	Absent		8260(14)
L1807489-05C	Vial HCl preserved	B	NA		3.5	Y	Absent		8260(14)
L1807489-05D	Plastic 250ml unpreserved	B	9	9	3.5	Y	Absent		A2-FILTERMET(1)
L1807489-05E	Amber 1000ml unpreserved	B	9	9	3.5	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1807489-05F	Amber 1000ml unpreserved	B	9	9	3.5	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)

*Values in parentheses indicate holding time in days

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1807489
Report Date: 03/12/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1807489-05X	Plastic 250ml HNO3 preserved Filtrates	B	NA		3.5	Y	Absent		PB-6020S-PPB(180),AG-6020S-PPB(180),BE-6020S-PPB(180),TL-6020S-PPB(180),HG-S-PPB(28),ZN-6020S-PPB(180),CD-6020S-PPB(180),CO-6020S-PPB(180),CU-6020S-PPB(180),AS-6020S-PPB(180),CR-6020S-PPB(180),SB-6020S-PPB(180),BA-6020S-PPB(180),V-6020S-PPB(180),MO-6020S-PPB(180),NI-6020S-PPB(180),SE-6020S-PPB(180)
L1807489-06A	Vial HCl preserved	B	NA		3.5	Y	Absent		8260(14)
L1807489-06B	Vial HCl preserved	B	NA		3.5	Y	Absent		8260(14)
L1807489-06C	Vial HCl preserved	B	NA		3.5	Y	Absent		8260(14)
L1807489-06D	Plastic 250ml unpreserved	B	9	9	3.5	Y	Absent		A2-FILTERMET(1)
L1807489-06E	Amber 1000ml unpreserved	B	9	9	3.5	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1807489-06F	Amber 1000ml unpreserved	B	9	9	3.5	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1807489-06X	Plastic 250ml HNO3 preserved Filtrates	B	NA		3.5	Y	Absent		PB-6020S-PPB(180),AG-6020S-PPB(180),BE-6020S-PPB(180),TL-6020S-PPB(180),HG-S-PPB(28),ZN-6020S-PPB(180),CD-6020S-PPB(180),CO-6020S-PPB(180),CU-6020S-PPB(180),AS-6020S-PPB(180),CR-6020S-PPB(180),SB-6020S-PPB(180),BA-6020S-PPB(180),V-6020S-PPB(180),MO-6020S-PPB(180),NI-6020S-PPB(180),SE-6020S-PPB(180)
L1807489-07A	Vial HCl preserved	B	NA		3.5	Y	Absent		ARCHIVE()
L1807489-07B	Vial HCl preserved	B	NA		3.5	Y	Absent		ARCHIVE()

*Values in parentheses indicate holding time in days

Project Name:	TETRA TECH ISS	**Lab Number:**	L1807489
Project Number:	10017	**Report Date:**	03/12/18

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report with 'J' Qualifiers

Project Name:	TETRA TECH ISS	**Lab Number:**	L1807489
Project Number:	10017	**Report Date:**	03/12/18

Data Qualifiers

projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE ____ OF ____

Date Rec'd in Lab: 03/05/18

ALPHA Job #: L1807489

ALPHA ANALYTICAL
8 Walkup Drive, Westboro, MA 01581, Tel: 508-898-9220
320 Forbes Blvd, Mansfield, MA 02048, Tel: 508-822-9300

Client Information

Client: SESI Consulting Engineers
Address: 12A Maple Ave.
Pine Brook, NJ 07058
Phone: 973-808-9050
Email: ad@sesi.org

Additional Project Information:

Project Information

Project Name: TETRA TECH ISS
Project Location: Middle River, MD
Project #: 10017
Project Manager: Amine Dahmani
ALPHA Quote #: 4965

Turn-Around Time

☐ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: 3/9/18

Report Information - Data Deliverables

☐ ADEx ☐ EMAIL

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements & Project Information Requirements

☐ Yes ☐ No MA MCP Analytical Methods ☐ Yes ☐ No CT RCP Analytical Methods
☐ Yes ☐ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☐ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☐ No NPDES RGP
☐ Other State /Fed Program _____ Criteria _____

ANALYSIS: VOC: ☑ 8260 ☐ 624 ☐ 524.2; SVOC: ☐ ABN ☑ PAH; METALS: * ☐ MCP 13 ☐ MCP 14 ☐ RCP 15; METALS: ☐ RCRA5 ☐ RCRA8 ☐ PP13; EPH: ☐ Ranges & Targets ☐ Ranges Only; VPH: ☐ Ranges & Targets ☐ Ranges Only; ☑ PCB ☐ PEST; TPH: ☐ Quant Only ☐ Fingerprint

SAMPLE INFO: Filtration ☐ Field ☑ Lab to do; Preservation ☑ Lab to do

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	VOC	SVOC	METALS	METALS	EPH	VPH	PCB	TPH	Sample Comments	TOTAL # BOTTLES
07489-01	1A-5%-L	03/03/18	4:00pm	W	J.M.	✓	✓	✓				✓		* TAL to include TPP13, BA, Co, Mo and V (Dissolved)	
02	1A-5%-D-L	03/03/18	4:00pm	W	JM	✓	✓	✓				✓			
03	1A-10%-L	03/03/18	4:00pm	W	JM	✓	✓	✓				✓			
04	1A-10%-D-L	03/03/18	4:00pm	W	JM	✓	✓	✓				✓			
05	1A-13%-L	03/03/18	4:00pm	W	JM	✓	✓	✓				✓			
06	1A-13%-D-L	03/03/18	4:00pm	W	JM	✓	✓	✓				✓			
					Container Type	V	A	P				A			
					Preservative										

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H = $Na_2S_2O_3$
I= Ascorbic Acid
J = NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
Amine Dahmani	03/05/18	T. Hudlik	3/5/18 1135
T. Hudlik	3/5/18 11:35 1615	[signature]	3/5/18 1615

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO. 01-01 (rev. 12-Mar-2012)

ANALYTICAL REPORT

Lab Number:	L1808807
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Amine Dahmani
Phone:	(973) 808-9050
Project Name:	TETRA TECH ISS
Project Number:	10017
Report Date:	03/22/18

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1808807
Report Date: 03/22/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1808807-01	1A-10%-OC-D	WATER	MIDDLE RIVER, MD	03/14/18 15:45	03/15/18
L1808807-02	1A-10%-OC	WATER	MIDDLE RIVER, MD	03/14/18 15:45	03/15/18
L1808807-03	1A-10%-PC/LKD-OC	WATER	MIDDLE RIVER, MD	03/14/18 15:45	03/15/18
L1808807-04	1A-10%-PC/LKD-OC-D	WATER	MIDDLE RIVER, MD	03/14/18 15:45	03/15/18
L1808807-05	1A-13%-PC/LKD-OC-D	WATER	MIDDLE RIVER, MD	03/14/18 15:45	03/15/18
L1808807-06	1A-13%-PC/LKD-OC	WATER	MIDDLE RIVER, MD	03/14/18 15:45	03/15/18
L1808807-07	4B-5%-OC	WATER	MIDDLE RIVER, MD	03/14/18 15:45	03/15/18
L1808807-08	4B-13%-PC/LKD-OC-D	WATER	MIDDLE RIVER, MD	03/14/18 15:45	03/15/18

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1808807
Report Date: 03/22/18

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	TETRA TECH ISS	**Lab Number:**	L1808807
Project Number:	10017	**Report Date:**	03/22/18

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

The WG1099248-3 LCS recovery, associated with L1808807-02, is above the individual acceptance criteria for tert-butyl alcohol (132%), but within the overall method allowances. The results of the associated samples are reported; however, all positive detects are considered to have a potentially high bias for these compounds.

PCBs

L1808807-01, -02, -03, -04, -05, -07, and -08: The sample has elevated detection limits due to limited sample volume available for analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Susan E O'Neil Susan O' Neil

Title: Technical Director/Representative Date: 03/22/18

ORGANICS

VOLATILES

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-01 D
Client ID: 1A-10%-OC-D
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/21/18 02:10
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	15	3.4	5
1,1-Dichloroethane	ND		ug/l	3.8	1.0	5
Chloroform	ND		ug/l	3.8	1.1	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	8.8	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	3.8	0.72	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	2.5	0.89	5
Trichlorofluoromethane	ND		ug/l	12	0.80	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	2.5	0.79	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
1,3-Dichloropropene, Total	ND		ug/l	2.5	0.72	5
1,1-Dichloropropene	ND		ug/l	12	1.2	5
Bromoform	ND		ug/l	10	1.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	ND		ug/l	2.5	0.80	5
Toluene	ND		ug/l	3.8	1.0	5
Ethylbenzene	ND		ug/l	2.5	0.84	5
Chloromethane	ND		ug/l	12	1.0	5
Bromomethane	ND		ug/l	5.0	1.3	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	5.0	0.67	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	3.8	0.82	5

Project Name: TETRA TECH ISS **Lab Number:** L1808807

Project Number: 10017 **Report Date:** 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-01 D
Client ID: 1A-10%-OC-D
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.82	5
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	8.2	J	ug/l	12	0.92	5
1,3-Dichlorobenzene	ND		ug/l	12	0.93	5
1,4-Dichlorobenzene	10	J	ug/l	12	0.94	5
Methyl tert butyl ether	ND		ug/l	5.0	0.83	5
p/m-Xylene	ND		ug/l	5.0	1.7	5
o-Xylene	ND		ug/l	5.0	2.0	5
Xylenes, Total	ND		ug/l	5.0	1.7	5
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.94	5
Dibromomethane	ND		ug/l	25	1.8	5
1,4-Dichlorobutane	ND		ug/l	25	2.3	5
1,2,3-Trichloropropane	ND		ug/l	25	0.88	5
Styrene	ND		ug/l	5.0	1.8	5
Dichlorodifluoromethane	ND		ug/l	25	1.2	5
Acetone	82		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	1.5	5
2-Butanone	ND		ug/l	25	9.7	5
Vinyl acetate	ND		ug/l	25	1.6	5
4-Methyl-2-pentanone	ND		ug/l	25	2.1	5
2-Hexanone	ND		ug/l	25	2.6	5
Ethyl methacrylate	ND		ug/l	25	3.0	5
Acrylonitrile	ND		ug/l	25	2.2	5
Bromochloromethane	ND		ug/l	12	0.76	5
Tetrahydrofuran	ND		ug/l	25	4.2	5
2,2-Dichloropropane	ND		ug/l	12	1.0	5
1,2-Dibromoethane	ND		ug/l	10	0.96	5
1,3-Dichloropropane	ND		ug/l	12	1.1	5
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.82	5
Bromobenzene	ND		ug/l	12	0.76	5
n-Butylbenzene	ND		ug/l	2.5	0.96	5
sec-Butylbenzene	ND		ug/l	2.5	0.90	5
tert-Butylbenzene	ND		ug/l	12	0.98	5
o-Chlorotoluene	ND		ug/l	12	1.1	5
p-Chlorotoluene	ND		ug/l	12	0.92	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	1.8	5
Hexachlorobutadiene	ND		ug/l	2.5	1.1	5

Project Name: TETRA TECH ISS **Lab Number:** L1808807

Project Number: 10017 **Report Date:** 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-01 D
Client ID: 1A-10%-OC-D
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Isopropylbenzene	ND		ug/l	2.5	0.94	5
p-Isopropyltoluene	ND		ug/l	2.5	0.94	5
Naphthalene	20		ug/l	12	1.1	5
n-Propylbenzene	1.7	J	ug/l	2.5	0.86	5
1,2,3-Trichlorobenzene	110		ug/l	12	1.2	5
1,2,4-Trichlorobenzene	770		ug/l	12	1.1	5
1,3,5-Trimethylbenzene	ND		ug/l	12	1.1	5
1,2,4-Trimethylbenzene	ND		ug/l	12	0.96	5
trans-1,4-Dichloro-2-butene	ND		ug/l	12	1.1	5
Ethyl ether	ND		ug/l	12	0.82	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: TETRA TECH ISS
Lab Number: L1808807
Project Number: 10017
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-02 D2
Client ID: 1A-10%-OC
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/21/18 20:06
Analyst: KD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	15	3.4	5
1,1-Dichloroethane	ND		ug/l	3.8	1.0	5
Chloroform	ND		ug/l	3.8	1.1	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	8.8	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	3.8	0.72	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	2.5	0.89	5
Trichlorofluoromethane	ND		ug/l	12	0.80	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	2.5	0.79	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
1,3-Dichloropropene, Total	ND		ug/l	2.5	0.72	5
1,1-Dichloropropene	ND		ug/l	12	1.2	5
Bromoform	ND		ug/l	10	1.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	ND		ug/l	2.5	0.80	5
Toluene	ND		ug/l	3.8	1.0	5
Ethylbenzene	ND		ug/l	2.5	0.84	5
Chloromethane	ND		ug/l	12	1.0	5
Bromomethane	ND		ug/l	5.0	1.3	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	5.0	0.67	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	3.8	0.82	5

Project Name: TETRA TECH ISS **Lab Number:** L1808807

Project Number: 10017 **Report Date:** 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-02 D2 Date Collected: 03/14/18 15:45

Client ID: 1A-10%-OC Date Received: 03/15/18

Sample Location: MIDDLE RIVER, MD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.82	5
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	14		ug/l	12	0.92	5
1,3-Dichlorobenzene	ND		ug/l	12	0.93	5
1,4-Dichlorobenzene	19		ug/l	12	0.94	5
Methyl tert butyl ether	ND		ug/l	5.0	0.83	5
p/m-Xylene	ND		ug/l	5.0	1.7	5
o-Xylene	ND		ug/l	5.0	2.0	5
Xylenes, Total	ND		ug/l	5.0	1.7	5
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.94	5
Dibromomethane	ND		ug/l	25	1.8	5
1,4-Dichlorobutane	ND		ug/l	25	2.3	5
1,2,3-Trichloropropane	ND		ug/l	25	0.88	5
Styrene	ND		ug/l	5.0	1.8	5
Dichlorodifluoromethane	ND		ug/l	25	1.2	5
Acetone	48		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	1.5	5
2-Butanone	ND		ug/l	25	9.7	5
Vinyl acetate	ND		ug/l	25	1.6	5
4-Methyl-2-pentanone	ND		ug/l	25	2.1	5
2-Hexanone	ND		ug/l	25	2.6	5
Ethyl methacrylate	ND		ug/l	25	3.0	5
Acrylonitrile	ND		ug/l	25	2.2	5
Bromochloromethane	ND		ug/l	12	0.76	5
Tetrahydrofuran	6.2	J	ug/l	25	4.2	5
2,2-Dichloropropane	ND		ug/l	12	1.0	5
1,2-Dibromoethane	ND		ug/l	10	0.96	5
1,3-Dichloropropane	ND		ug/l	12	1.1	5
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.82	5
Bromobenzene	ND		ug/l	12	0.76	5
n-Butylbenzene	ND		ug/l	2.5	0.96	5
sec-Butylbenzene	ND		ug/l	2.5	0.90	5
tert-Butylbenzene	ND		ug/l	12	0.98	5
o-Chlorotoluene	ND		ug/l	12	1.1	5
p-Chlorotoluene	ND		ug/l	12	0.92	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	1.8	5
Hexachlorobutadiene	ND		ug/l	2.5	1.1	5

Project Name: TETRA TECH ISS **Lab Number:** L1808807

Project Number: 10017 **Report Date:** 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-02 D2 Date Collected: 03/14/18 15:45

Client ID: 1A-10%-OC Date Received: 03/15/18

Sample Location: MIDDLE RIVER, MD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Isopropylbenzene	ND		ug/l	2.5	0.94	5
p-Isopropyltoluene	ND		ug/l	2.5	0.94	5
Naphthalene	2.8	J	ug/l	12	1.1	5
n-Propylbenzene	ND		ug/l	2.5	0.86	5
1,2,3-Trichlorobenzene	160		ug/l	12	1.2	5
1,2,4-Trichlorobenzene	1100	E	ug/l	12	1.1	5
1,3,5-Trimethylbenzene	ND		ug/l	12	1.1	5
1,2,4-Trimethylbenzene	ND		ug/l	12	0.96	5
trans-1,4-Dichloro-2-butene	ND		ug/l	12	1.1	5
Ethyl ether	ND		ug/l	12	0.82	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Project Name: TETRA TECH ISS
Lab Number: L1808807
Project Number: 10017
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-02 D
Client ID: 1A-10%-OC
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/21/18 02:35
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	450		ug/l	25	2.2	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	100		70-130

Project Name: TETRA TECH ISS
Lab Number: L1808807
Project Number: 10017
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-03 D
Client ID: 1A-10%-PC/LKD-OC
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/21/18 03:01
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	15	3.4	5
1,1-Dichloroethane	ND		ug/l	3.8	1.0	5
Chloroform	ND		ug/l	3.8	1.1	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	8.8	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	3.8	0.72	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	2.5	0.89	5
Trichlorofluoromethane	ND		ug/l	12	0.80	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	2.5	0.79	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
1,3-Dichloropropene, Total	ND		ug/l	2.5	0.72	5
1,1-Dichloropropene	ND		ug/l	12	1.2	5
Bromoform	ND		ug/l	10	1.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	ND		ug/l	2.5	0.80	5
Toluene	ND		ug/l	3.8	1.0	5
Ethylbenzene	ND		ug/l	2.5	0.84	5
Chloromethane	ND		ug/l	12	1.0	5
Bromomethane	ND		ug/l	5.0	1.3	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	5.0	0.67	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	3.8	0.82	5

Project Name: TETRA TECH ISS **Lab Number:** L1808807

Project Number: 10017 **Report Date:** 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-03 D
Client ID: 1A-10%-PC/LKD-OC
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.82	5
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	7.8	J	ug/l	12	0.92	5
1,3-Dichlorobenzene	ND		ug/l	12	0.93	5
1,4-Dichlorobenzene	10	J	ug/l	12	0.94	5
Methyl tert butyl ether	ND		ug/l	5.0	0.83	5
p/m-Xylene	ND		ug/l	5.0	1.7	5
o-Xylene	ND		ug/l	5.0	2.0	5
Xylenes, Total	ND		ug/l	5.0	1.7	5
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.94	5
Dibromomethane	ND		ug/l	25	1.8	5
1,4-Dichlorobutane	ND		ug/l	25	2.3	5
1,2,3-Trichloropropane	ND		ug/l	25	0.88	5
Styrene	ND		ug/l	5.0	1.8	5
Dichlorodifluoromethane	ND		ug/l	25	1.2	5
Acetone	37		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	1.5	5
2-Butanone	ND		ug/l	25	9.7	5
Vinyl acetate	ND		ug/l	25	1.6	5
4-Methyl-2-pentanone	ND		ug/l	25	2.1	5
2-Hexanone	ND		ug/l	25	2.6	5
Ethyl methacrylate	ND		ug/l	25	3.0	5
Acrylonitrile	ND		ug/l	25	2.2	5
Bromochloromethane	ND		ug/l	12	0.76	5
Tetrahydrofuran	ND		ug/l	25	4.2	5
2,2-Dichloropropane	ND		ug/l	12	1.0	5
1,2-Dibromoethane	ND		ug/l	10	0.96	5
1,3-Dichloropropane	ND		ug/l	12	1.1	5
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.82	5
Bromobenzene	ND		ug/l	12	0.76	5
n-Butylbenzene	ND		ug/l	2.5	0.96	5
sec-Butylbenzene	ND		ug/l	2.5	0.90	5
tert-Butylbenzene	ND		ug/l	12	0.98	5
o-Chlorotoluene	ND		ug/l	12	1.1	5
p-Chlorotoluene	ND		ug/l	12	0.92	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	1.8	5
Hexachlorobutadiene	ND		ug/l	2.5	1.1	5

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-03 D
Client ID: 1A-10%-PC/LKD-OC
Sample Location: MIDDLE RIVER, MD
Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Isopropylbenzene	ND		ug/l	2.5	0.94	5
p-Isopropyltoluene	ND		ug/l	2.5	0.94	5
Naphthalene	1.9	J	ug/l	12	1.1	5
n-Propylbenzene	ND		ug/l	2.5	0.86	5
1,2,3-Trichlorobenzene	98		ug/l	12	1.2	5
1,2,4-Trichlorobenzene	700		ug/l	12	1.1	5
1,3,5-Trimethylbenzene	ND		ug/l	12	1.1	5
1,2,4-Trimethylbenzene	ND		ug/l	12	0.96	5
trans-1,4-Dichloro-2-butene	ND		ug/l	12	1.1	5
Ethyl ether	ND		ug/l	12	0.82	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	100		70-130

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-04 D
Client ID: 1A-10%-PC/LKD-OC-D
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/21/18 03:26
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	30	6.8	10
1,1-Dichloroethane	ND		ug/l	7.5	2.1	10
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	18	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	7.5	1.4	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
Trichlorofluoromethane	ND		ug/l	25	1.6	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	5.0	1.6	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
1,3-Dichloropropene, Total	ND		ug/l	5.0	1.4	10
1,1-Dichloropropene	ND		ug/l	25	2.4	10
Bromoform	ND		ug/l	20	2.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	7.5	2.0	10
Ethylbenzene	ND		ug/l	5.0	1.7	10
Chloromethane	ND		ug/l	25	2.0	10
Bromomethane	ND		ug/l	10	2.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	10	1.3	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	7.5	1.6	10

Project Name: TETRA TECH ISS **Lab Number:** L1808807

Project Number: 10017 **Report Date:** 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-04 D
Client ID: 1A-10%-PC/LKD-OC-D
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichloroethene, Total	ND		ug/l	5.0	1.6	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	8.3	J	ug/l	25	1.8	10
1,3-Dichlorobenzene	ND		ug/l	25	1.9	10
1,4-Dichlorobenzene	9.6	J	ug/l	25	1.9	10
Methyl tert butyl ether	ND		ug/l	10	1.7	10
p/m-Xylene	ND		ug/l	10	3.3	10
o-Xylene	ND		ug/l	10	3.9	10
Xylenes, Total	ND		ug/l	10	3.3	10
cis-1,2-Dichloroethene	ND		ug/l	5.0	1.9	10
Dibromomethane	ND		ug/l	50	3.6	10
1,4-Dichlorobutane	ND		ug/l	50	4.6	10
1,2,3-Trichloropropane	ND		ug/l	50	1.8	10
Styrene	ND		ug/l	10	3.6	10
Dichlorodifluoromethane	ND		ug/l	50	2.4	10
Acetone	58		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	3.0	10
2-Butanone	ND		ug/l	50	19.	10
Vinyl acetate	ND		ug/l	50	3.1	10
4-Methyl-2-pentanone	ND		ug/l	50	4.2	10
2-Hexanone	ND		ug/l	50	5.2	10
Ethyl methacrylate	ND		ug/l	50	6.1	10
Acrylonitrile	ND		ug/l	50	4.3	10
Bromochloromethane	ND		ug/l	25	1.5	10
Tetrahydrofuran	ND		ug/l	50	8.3	10
2,2-Dichloropropane	ND		ug/l	25	2.0	10
1,2-Dibromoethane	ND		ug/l	20	1.9	10
1,3-Dichloropropane	ND		ug/l	25	2.1	10
1,1,1,2-Tetrachloroethane	ND		ug/l	5.0	1.6	10
Bromobenzene	ND		ug/l	25	1.5	10
n-Butylbenzene	ND		ug/l	5.0	1.9	10
sec-Butylbenzene	ND		ug/l	5.0	1.8	10
tert-Butylbenzene	ND		ug/l	25	2.0	10
o-Chlorotoluene	ND		ug/l	25	2.2	10
p-Chlorotoluene	ND		ug/l	25	1.8	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	3.5	10
Hexachlorobutadiene	ND		ug/l	5.0	2.2	10

Project Name: TETRA TECH ISS **Lab Number:** L1808807

Project Number: 10017 **Report Date:** 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-04 D
Client ID: 1A-10%-PC/LKD-OC-D
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Isopropylbenzene	ND		ug/l	5.0	1.9	10
p-Isopropyltoluene	ND		ug/l	5.0	1.9	10
Naphthalene	ND		ug/l	25	2.2	10
n-Propylbenzene	ND		ug/l	5.0	1.7	10
1,2,3-Trichlorobenzene	140		ug/l	25	2.3	10
1,2,4-Trichlorobenzene	900		ug/l	25	2.2	10
1,3,5-Trimethylbenzene	ND		ug/l	25	2.2	10
1,2,4-Trimethylbenzene	ND		ug/l	25	1.9	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25	2.1	10
Ethyl ether	ND		ug/l	25	1.6	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-05 D
Client ID: 1A-13%-PC/LKD-OC-D
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/21/18 03:51
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	2.7	4
1,1-Dichloroethane	ND		ug/l	3.0	0.84	4
Chloroform	ND		ug/l	3.0	0.89	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	7.0	0.55	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	3.0	0.58	4
Tetrachloroethene	ND		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	2.0	0.71	4
Trichlorofluoromethane	ND		ug/l	10	0.64	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	2.0	0.63	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
1,3-Dichloropropene, Total	ND		ug/l	2.0	0.58	4
1,1-Dichloropropene	ND		ug/l	10	0.96	4
Bromoform	ND		ug/l	8.0	0.99	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.67	4
Benzene	ND		ug/l	2.0	0.64	4
Toluene	ND		ug/l	3.0	0.81	4
Ethylbenzene	ND		ug/l	2.0	0.67	4
Chloromethane	ND		ug/l	10	0.80	4
Bromomethane	ND		ug/l	4.0	1.0	4
Vinyl chloride	ND		ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	4.0	0.54	4
1,1-Dichloroethene	ND		ug/l	2.0	0.68	4
trans-1,2-Dichloroethene	ND		ug/l	3.0	0.65	4

Project Name: TETRA TECH ISS **Lab Number:** L1808807

Project Number: 10017 **Report Date:** 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-05 D
Client ID: 1A-13%-PC/LKD-OC-D
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichloroethene, Total	ND		ug/l	2.0	0.65	4
Trichloroethene	ND		ug/l	2.0	0.70	4
1,2-Dichlorobenzene	4.4	J	ug/l	10	0.74	4
1,3-Dichlorobenzene	ND		ug/l	10	0.74	4
1,4-Dichlorobenzene	5.3	J	ug/l	10	0.75	4
Methyl tert butyl ether	ND		ug/l	4.0	0.66	4
p/m-Xylene	ND		ug/l	4.0	1.3	4
o-Xylene	ND		ug/l	4.0	1.6	4
Xylenes, Total	ND		ug/l	4.0	1.3	4
cis-1,2-Dichloroethene	ND		ug/l	2.0	0.75	4
Dibromomethane	ND		ug/l	20	1.4	4
1,4-Dichlorobutane	ND		ug/l	20	1.8	4
1,2,3-Trichloropropane	ND		ug/l	20	0.70	4
Styrene	ND		ug/l	4.0	1.4	4
Dichlorodifluoromethane	ND		ug/l	20	0.98	4
Acetone	160		ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	1.2	4
2-Butanone	ND		ug/l	20	7.8	4
Vinyl acetate	ND		ug/l	20	1.2	4
4-Methyl-2-pentanone	ND		ug/l	20	1.7	4
2-Hexanone	ND		ug/l	20	2.1	4
Ethyl methacrylate	ND		ug/l	20	2.4	4
Acrylonitrile	ND		ug/l	20	1.7	4
Bromochloromethane	ND		ug/l	10	0.61	4
Tetrahydrofuran	ND		ug/l	20	3.3	4
2,2-Dichloropropane	ND		ug/l	10	0.82	4
1,2-Dibromoethane	ND		ug/l	8.0	0.77	4
1,3-Dichloropropane	ND		ug/l	10	0.85	4
1,1,1,2-Tetrachloroethane	ND		ug/l	2.0	0.66	4
Bromobenzene	ND		ug/l	10	0.61	4
n-Butylbenzene	ND		ug/l	2.0	0.77	4
sec-Butylbenzene	ND		ug/l	2.0	0.72	4
tert-Butylbenzene	ND		ug/l	10	0.78	4
o-Chlorotoluene	ND		ug/l	10	0.86	4
p-Chlorotoluene	ND		ug/l	10	0.74	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	1.4	4
Hexachlorobutadiene	ND		ug/l	2.0	0.87	4

Project Name: TETRA TECH ISS **Lab Number:** L1808807

Project Number: 10017 **Report Date:** 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-05 D
Client ID: 1A-13%-PC/LKD-OC-D
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Isopropylbenzene	ND		ug/l	2.0	0.75	4
p-Isopropyltoluene	ND		ug/l	2.0	0.75	4
Naphthalene	ND		ug/l	10	0.86	4
n-Propylbenzene	ND		ug/l	2.0	0.69	4
1,2,3-Trichlorobenzene	73		ug/l	10	0.94	4
1,2,4-Trichlorobenzene	510		ug/l	10	0.88	4
1,3,5-Trimethylbenzene	ND		ug/l	10	0.87	4
1,2,4-Trimethylbenzene	ND		ug/l	10	0.76	4
trans-1,4-Dichloro-2-butene	ND		ug/l	10	0.85	4
Ethyl ether	ND		ug/l	10	0.65	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-06 D
Client ID: 1A-13%-PC/LKD-OC
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/21/18 04:16
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	2.7	4
1,1-Dichloroethane	ND		ug/l	3.0	0.84	4
Chloroform	ND		ug/l	3.0	0.89	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	7.0	0.55	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	3.0	0.58	4
Tetrachloroethene	ND		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	2.0	0.71	4
Trichlorofluoromethane	ND		ug/l	10	0.64	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	2.0	0.63	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
1,3-Dichloropropene, Total	ND		ug/l	2.0	0.58	4
1,1-Dichloropropene	ND		ug/l	10	0.96	4
Bromoform	ND		ug/l	8.0	0.99	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.67	4
Benzene	ND		ug/l	2.0	0.64	4
Toluene	ND		ug/l	3.0	0.81	4
Ethylbenzene	ND		ug/l	2.0	0.67	4
Chloromethane	ND		ug/l	10	0.80	4
Bromomethane	ND		ug/l	4.0	1.0	4
Vinyl chloride	ND		ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	4.0	0.54	4
1,1-Dichloroethene	ND		ug/l	2.0	0.68	4
trans-1,2-Dichloroethene	ND		ug/l	3.0	0.65	4

Project Name: TETRA TECH ISS **Lab Number:** L1808807

Project Number: 10017 **Report Date:** 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-06 D
Client ID: 1A-13%-PC/LKD-OC
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichloroethene, Total	ND		ug/l	2.0	0.65	4
Trichloroethene	ND		ug/l	2.0	0.70	4
1,2-Dichlorobenzene	4.3	J	ug/l	10	0.74	4
1,3-Dichlorobenzene	ND		ug/l	10	0.74	4
1,4-Dichlorobenzene	5.4	J	ug/l	10	0.75	4
Methyl tert butyl ether	ND		ug/l	4.0	0.66	4
p/m-Xylene	ND		ug/l	4.0	1.3	4
o-Xylene	ND		ug/l	4.0	1.6	4
Xylenes, Total	ND		ug/l	4.0	1.3	4
cis-1,2-Dichloroethene	ND		ug/l	2.0	0.75	4
Dibromomethane	ND		ug/l	20	1.4	4
1,4-Dichlorobutane	ND		ug/l	20	1.8	4
1,2,3-Trichloropropane	ND		ug/l	20	0.70	4
Styrene	ND		ug/l	4.0	1.4	4
Dichlorodifluoromethane	ND		ug/l	20	0.98	4
Acetone	160		ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	1.2	4
2-Butanone	ND		ug/l	20	7.8	4
Vinyl acetate	ND		ug/l	20	1.2	4
4-Methyl-2-pentanone	ND		ug/l	20	1.7	4
2-Hexanone	ND		ug/l	20	2.1	4
Ethyl methacrylate	ND		ug/l	20	2.4	4
Acrylonitrile	ND		ug/l	20	1.7	4
Bromochloromethane	ND		ug/l	10	0.61	4
Tetrahydrofuran	ND		ug/l	20	3.3	4
2,2-Dichloropropane	ND		ug/l	10	0.82	4
1,2-Dibromoethane	ND		ug/l	8.0	0.77	4
1,3-Dichloropropane	ND		ug/l	10	0.85	4
1,1,1,2-Tetrachloroethane	ND		ug/l	2.0	0.66	4
Bromobenzene	ND		ug/l	10	0.61	4
n-Butylbenzene	ND		ug/l	2.0	0.77	4
sec-Butylbenzene	ND		ug/l	2.0	0.72	4
tert-Butylbenzene	ND		ug/l	10	0.78	4
o-Chlorotoluene	ND		ug/l	10	0.86	4
p-Chlorotoluene	ND		ug/l	10	0.74	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	1.4	4
Hexachlorobutadiene	ND		ug/l	2.0	0.87	4

Project Name: TETRA TECH ISS **Lab Number:** L1808807

Project Number: 10017 **Report Date:** 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-06 D
Client ID: 1A-13%-PC/LKD-OC
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Isopropylbenzene	ND		ug/l	2.0	0.75	4
p-Isopropyltoluene	ND		ug/l	2.0	0.75	4
Naphthalene	ND		ug/l	10	0.86	4
n-Propylbenzene	ND		ug/l	2.0	0.69	4
1,2,3-Trichlorobenzene	71		ug/l	10	0.94	4
1,2,4-Trichlorobenzene	500		ug/l	10	0.88	4
1,3,5-Trimethylbenzene	ND		ug/l	10	0.87	4
1,2,4-Trimethylbenzene	ND		ug/l	10	0.76	4
trans-1,4-Dichloro-2-butene	ND		ug/l	10	0.85	4
Ethyl ether	ND		ug/l	10	0.65	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-07
Client ID: 4B-5%-OC
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/21/18 04:41
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.68	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	ND		ug/l	0.75	0.22	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.8	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.24	1
Bromoform	ND		ug/l	2.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.20	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	ND		ug/l	2.5	0.20	1
Bromomethane	ND		ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1

Project Name: TETRA TECH ISS **Lab Number:** L1808807

Project Number: 10017 **Report Date:** 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-07 Date Collected: 03/14/18 15:45

Client ID: 4B-5%-OC Date Received: 03/15/18

Sample Location: MIDDLE RIVER, MD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	0.28	J	ug/l	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.39	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	5.0	0.36	1
1,4-Dichlorobutane	ND		ug/l	5.0	0.46	1
1,2,3-Trichloropropane	ND		ug/l	5.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Acetone	49		ug/l	5.0	1.5	1
Carbon disulfide	0.47	J	ug/l	5.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	0.31	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Ethyl methacrylate	ND		ug/l	5.0	0.61	1
Acrylonitrile	ND		ug/l	5.0	0.43	1
Bromochloromethane	ND		ug/l	2.5	0.15	1
Tetrahydrofuran	ND		ug/l	5.0	0.83	1
2,2-Dichloropropane	ND		ug/l	2.5	0.20	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
1,3-Dichloropropane	ND		ug/l	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	2.5	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	2.5	0.20	1
o-Chlorotoluene	ND		ug/l	2.5	0.22	1
p-Chlorotoluene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.35	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1

Project Name: TETRA TECH ISS
Lab Number: L1808807
Project Number: 10017
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-07
Client ID: 4B-5%-OC
Sample Location: MIDDLE RIVER, MD
Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1
Naphthalene	ND		ug/l	2.5	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	17		ug/l	2.5	0.23	1
1,2,4-Trichlorobenzene	93		ug/l	2.5	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.22	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.19	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.21	1
Ethyl ether	ND		ug/l	2.5	0.16	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	102		70-130

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-08 D
Client ID: 4B-13%-PC/LKD-OC-D
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/21/18 05:06
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	7.5	1.7	2.5
1,1-Dichloroethane	ND		ug/l	1.9	0.52	2.5
Chloroform	ND		ug/l	1.9	0.56	2.5
Carbon tetrachloride	ND		ug/l	1.2	0.34	2.5
1,2-Dichloropropane	ND		ug/l	4.4	0.34	2.5
Dibromochloromethane	ND		ug/l	1.2	0.37	2.5
1,1,2-Trichloroethane	ND		ug/l	1.9	0.36	2.5
Tetrachloroethene	ND		ug/l	1.2	0.45	2.5
Chlorobenzene	ND		ug/l	1.2	0.44	2.5
Trichlorofluoromethane	ND		ug/l	6.2	0.40	2.5
1,2-Dichloroethane	ND		ug/l	1.2	0.33	2.5
1,1,1-Trichloroethane	ND		ug/l	1.2	0.40	2.5
Bromodichloromethane	ND		ug/l	1.2	0.48	2.5
trans-1,3-Dichloropropene	ND		ug/l	1.2	0.41	2.5
cis-1,3-Dichloropropene	ND		ug/l	1.2	0.36	2.5
1,3-Dichloropropene, Total	ND		ug/l	1.2	0.36	2.5
1,1-Dichloropropene	ND		ug/l	6.2	0.60	2.5
Bromoform	ND		ug/l	5.0	0.62	2.5
1,1,2,2-Tetrachloroethane	ND		ug/l	1.2	0.42	2.5
Benzene	ND		ug/l	1.2	0.40	2.5
Toluene	ND		ug/l	1.9	0.51	2.5
Ethylbenzene	ND		ug/l	1.2	0.42	2.5
Chloromethane	ND		ug/l	6.2	0.50	2.5
Bromomethane	ND		ug/l	2.5	0.64	2.5
Vinyl chloride	ND		ug/l	2.5	0.18	2.5
Chloroethane	ND		ug/l	2.5	0.34	2.5
1,1-Dichloroethene	ND		ug/l	1.2	0.42	2.5
trans-1,2-Dichloroethene	ND		ug/l	1.9	0.41	2.5

Project Name: TETRA TECH ISS **Lab Number:** L1808807

Project Number: 10017 **Report Date:** 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-08 D
Client ID: 4B-13%-PC/LKD-OC-D
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichloroethene, Total	ND		ug/l	1.2	0.41	2.5
Trichloroethene	ND		ug/l	1.2	0.44	2.5
1,2-Dichlorobenzene	2.8	J	ug/l	6.2	0.46	2.5
1,3-Dichlorobenzene	ND		ug/l	6.2	0.46	2.5
1,4-Dichlorobenzene	2.3	J	ug/l	6.2	0.47	2.5
Methyl tert butyl ether	ND		ug/l	2.5	0.42	2.5
p/m-Xylene	ND		ug/l	2.5	0.83	2.5
o-Xylene	ND		ug/l	2.5	0.98	2.5
Xylenes, Total	ND		ug/l	2.5	0.83	2.5
cis-1,2-Dichloroethene	ND		ug/l	1.2	0.47	2.5
Dibromomethane	ND		ug/l	12	0.91	2.5
1,4-Dichlorobutane	ND		ug/l	12	1.2	2.5
1,2,3-Trichloropropane	ND		ug/l	12	0.44	2.5
Styrene	ND		ug/l	2.5	0.90	2.5
Dichlorodifluoromethane	ND		ug/l	12	0.61	2.5
Acetone	53		ug/l	12	3.6	2.5
Carbon disulfide	ND		ug/l	12	0.75	2.5
2-Butanone	ND		ug/l	12	4.8	2.5
Vinyl acetate	ND		ug/l	12	0.78	2.5
4-Methyl-2-pentanone	ND		ug/l	12	1.0	2.5
2-Hexanone	ND		ug/l	12	1.3	2.5
Ethyl methacrylate	ND		ug/l	12	1.5	2.5
Acrylonitrile	ND		ug/l	12	1.1	2.5
Bromochloromethane	ND		ug/l	6.2	0.38	2.5
Tetrahydrofuran	ND		ug/l	12	2.1	2.5
2,2-Dichloropropane	ND		ug/l	6.2	0.51	2.5
1,2-Dibromoethane	ND		ug/l	5.0	0.48	2.5
1,3-Dichloropropane	ND		ug/l	6.2	0.53	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	1.2	0.41	2.5
Bromobenzene	ND		ug/l	6.2	0.38	2.5
n-Butylbenzene	ND		ug/l	1.2	0.48	2.5
sec-Butylbenzene	ND		ug/l	1.2	0.45	2.5
tert-Butylbenzene	ND		ug/l	6.2	0.49	2.5
o-Chlorotoluene	ND		ug/l	6.2	0.54	2.5
p-Chlorotoluene	ND		ug/l	6.2	0.46	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	6.2	0.88	2.5
Hexachlorobutadiene	ND		ug/l	1.2	0.54	2.5

Project Name: TETRA TECH ISS **Lab Number:** L1808807

Project Number: 10017 **Report Date:** 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-08 D
Client ID: 4B-13%-PC/LKD-OC-D
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Isopropylbenzene	ND		ug/l	1.2	0.47	2.5
p-Isopropyltoluene	ND		ug/l	1.2	0.47	2.5
Naphthalene	ND		ug/l	6.2	0.54	2.5
n-Propylbenzene	ND		ug/l	1.2	0.43	2.5
1,2,3-Trichlorobenzene	51		ug/l	6.2	0.58	2.5
1,2,4-Trichlorobenzene	350		ug/l	6.2	0.55	2.5
1,3,5-Trimethylbenzene	ND		ug/l	6.2	0.54	2.5
1,2,4-Trimethylbenzene	ND		ug/l	6.2	0.48	2.5
trans-1,4-Dichloro-2-butene	ND		ug/l	6.2	0.53	2.5
Ethyl ether	ND		ug/l	6.2	0.41	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/20/18 20:44
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1099227-5					
Methylene chloride	ND		ug/l	3.0	0.68
1,1-Dichloroethane	ND		ug/l	0.75	0.21
Chloroform	ND		ug/l	0.75	0.22
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.8	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
2-Chloroethylvinyl ether	ND		ug/l	10	0.40
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	0.50	0.18
Trichlorofluoromethane	ND		ug/l	2.5	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.24
Bromoform	ND		ug/l	2.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	0.75	0.20
Ethylbenzene	ND		ug/l	0.50	0.17
Chloromethane	ND		ug/l	2.5	0.20
Bromomethane	ND		ug/l	1.0	0.26
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	1.0	0.13
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/20/18 20:44
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1099227-5					
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19
Methyl tert butyl ether	ND		ug/l	1.0	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.39
Xylenes, Total	ND		ug/l	1.0	0.33
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
Dibromomethane	ND		ug/l	5.0	0.36
1,4-Dichlorobutane	ND		ug/l	5.0	0.46
Iodomethane	ND		ug/l	5.0	0.40
1,2,3-Trichloropropane	ND		ug/l	5.0	0.18
Styrene	ND		ug/l	1.0	0.36
Dichlorodifluoromethane	ND		ug/l	5.0	0.24
Acetone	1.9	J	ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	0.30
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	0.31
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
2-Hexanone	ND		ug/l	5.0	0.52
Ethyl methacrylate	ND		ug/l	5.0	0.61
Acrolein	ND		ug/l	5.0	0.44
Acrylonitrile	ND		ug/l	5.0	0.43
Bromochloromethane	ND		ug/l	2.5	0.15
Tetrahydrofuran	0.95	J	ug/l	5.0	0.83
2,2-Dichloropropane	ND		ug/l	2.5	0.20
1,2-Dibromoethane	ND		ug/l	2.0	0.19

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1808807
Report Date: 03/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/20/18 20:44
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1099227-5					
1,3-Dichloropropane	ND		ug/l	2.5	0.21
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16
Bromobenzene	ND		ug/l	2.5	0.15
n-Butylbenzene	ND		ug/l	0.50	0.19
sec-Butylbenzene	ND		ug/l	0.50	0.18
tert-Butylbenzene	ND		ug/l	2.5	0.20
o-Chlorotoluene	ND		ug/l	2.5	0.22
p-Chlorotoluene	ND		ug/l	2.5	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.35
Hexachlorobutadiene	0.40	J	ug/l	0.50	0.22
Isopropylbenzene	ND		ug/l	0.50	0.19
p-Isopropyltoluene	ND		ug/l	0.50	0.19
Naphthalene	0.25	J	ug/l	2.5	0.22
n-Propylbenzene	ND		ug/l	0.50	0.17
1,2,3-Trichlorobenzene	0.38	J	ug/l	2.5	0.23
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.22
1,3,5-Trichlorobenzene	ND		ug/l	2.0	0.14
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.19
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.21
Halothane	ND		ug/l	2.5	0.29
Ethyl ether	ND		ug/l	2.5	0.16
Methyl Acetate	ND		ug/l	10	0.23
Ethyl Acetate	ND		ug/l	10	0.72
Isopropyl Ether	ND		ug/l	2.0	0.42
Cyclohexane	ND		ug/l	10	0.27
Tert-Butyl Alcohol	ND		ug/l	10	1.4
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	0.18
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1808807
Report Date: 03/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/20/18 20:44
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1099227-5					
1,4-Dioxane	ND		ug/l	250	61.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	10	0.15
Methyl cyclohexane	ND		ug/l	10	0.40
p-Diethylbenzene	ND		ug/l	2.0	0.39
4-Ethyltoluene	ND		ug/l	2.0	0.34
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	97		70-130

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/21/18 12:07
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1099248-5					
Methylene chloride	ND		ug/l	3.0	0.68
1,1-Dichloroethane	ND		ug/l	0.75	0.21
Chloroform	ND		ug/l	0.75	0.22
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.8	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
2-Chloroethylvinyl ether	ND		ug/l	10	0.40
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	0.50	0.18
Trichlorofluoromethane	ND		ug/l	2.5	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.24
Bromoform	ND		ug/l	2.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	0.75	0.20
Ethylbenzene	ND		ug/l	0.50	0.17
Chloromethane	ND		ug/l	2.5	0.20
Bromomethane	ND		ug/l	1.0	0.26
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	1.0	0.13
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/21/18 12:07
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1099248-5					
1,2-Dichloroethene (total)	ND		ug/l	0.50	0.16
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19
Methyl tert butyl ether	ND		ug/l	1.0	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.39
Xylene (Total)	ND		ug/l	1.0	0.33
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
Dibromomethane	ND		ug/l	5.0	0.36
1,4-Dichlorobutane	ND		ug/l	5.0	0.46
Iodomethane	ND		ug/l	5.0	0.40
1,2,3-Trichloropropane	ND		ug/l	5.0	0.18
Styrene	ND		ug/l	1.0	0.36
Dichlorodifluoromethane	ND		ug/l	5.0	0.24
Acetone	1.7	J	ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	0.30
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	0.31
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
2-Hexanone	ND		ug/l	5.0	0.52
Ethyl methacrylate	ND		ug/l	5.0	0.61
Acrolein	ND		ug/l	5.0	0.44
Acrylonitrile	ND		ug/l	5.0	0.43
Bromochloromethane	ND		ug/l	2.5	0.15
Tetrahydrofuran	1.1	J	ug/l	5.0	0.83
2,2-Dichloropropane	ND		ug/l	2.5	0.20
1,2-Dibromoethane	ND		ug/l	2.0	0.19

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1808807
Report Date: 03/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/21/18 12:07
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1099248-5					
1,3-Dichloropropane	ND		ug/l	2.5	0.21
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16
Bromobenzene	ND		ug/l	2.5	0.15
n-Butylbenzene	ND		ug/l	0.50	0.19
sec-Butylbenzene	ND		ug/l	0.50	0.18
tert-Butylbenzene	ND		ug/l	2.5	0.20
o-Chlorotoluene	ND		ug/l	2.5	0.22
p-Chlorotoluene	ND		ug/l	2.5	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.35
Hexachlorobutadiene	ND		ug/l	0.50	0.22
Isopropylbenzene	ND		ug/l	0.50	0.19
p-Isopropyltoluene	ND		ug/l	0.50	0.19
Naphthalene	ND		ug/l	2.5	0.22
n-Propylbenzene	ND		ug/l	0.50	0.17
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.22
1,3,5-Trichlorobenzene	ND		ug/l	2.0	0.14
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.19
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.21
Halothane	ND		ug/l	2.5	0.29
Ethyl ether	ND		ug/l	2.5	0.16
Methyl Acetate	ND		ug/l	10	0.23
Ethyl Acetate	ND		ug/l	10	0.72
Isopropyl Ether	ND		ug/l	2.0	0.42
Cyclohexane	ND		ug/l	10	0.27
tert-Butyl Alcohol	ND		ug/l	10	1.4
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	0.18
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1808807
Report Date: 03/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/21/18 12:07
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1099248-5					
1,4-Dioxane	ND		ug/l	250	61.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	10	0.15
Methyl cyclohexane	ND		ug/l	10	0.40
1,4-Diethylbenzene	ND		ug/l	2.0	0.39
4-Ethyltoluene	ND		ug/l	2.0	0.34
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: TETRA TECH ISS

Project Number: 10017

Lab Number: L1808807

Report Date: 03/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1099227-3 WG1099227-4								
Methylene chloride	87		87		70-130	0		20
1,1-Dichloroethane	92		92		70-130	0		20
Chloroform	93		92		70-130	1		20
Carbon tetrachloride	88		88		63-132	0		20
1,2-Dichloropropane	91		91		70-130	0		20
Dibromochloromethane	86		86		63-130	0		20
1,1,2-Trichloroethane	95		94		70-130	1		20
2-Chloroethylvinyl ether	**18**	Q	**10**	Q	70-130	**57**	Q	20
Tetrachloroethene	86		84		70-130	2		20
Chlorobenzene	88		88		75-130	0		25
Trichlorofluoromethane	87		85		62-150	2		20
1,2-Dichloroethane	93		92		70-130	1		20
1,1,1-Trichloroethane	89		89		67-130	0		20
Bromodichloromethane	89		89		67-130	0		20
trans-1,3-Dichloropropene	89		89		70-130	0		20
cis-1,3-Dichloropropene	87		87		70-130	0		20
1,1-Dichloropropene	89		89		70-130	0		20
Bromoform	81		83		54-136	2		20
1,1,2,2-Tetrachloroethane	94		95		67-130	1		20
Benzene	89		89		70-130	0		25
Toluene	87		87		70-130	0		25
Ethylbenzene	88		88		70-130	0		20
Chloromethane	70		84		64-130	18		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: TETRA TECH ISS

Project Number: 10017

Lab Number: L1808807

Report Date: 03/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1099227-3 WG1099227-4								
Bromomethane	42		46		39-139	9		20
Vinyl chloride	66		69		55-140	4		20
Chloroethane	73		74		55-138	1		20
1,1-Dichloroethene	86		74		61-145	15		25
trans-1,2-Dichloroethene	87		87		70-130	0		20
Trichloroethene	88		89		70-130	1		25
1,2-Dichlorobenzene	89		89		70-130	0		20
1,3-Dichlorobenzene	88		88		70-130	0		20
1,4-Dichlorobenzene	88		89		70-130	1		20
Methyl tert butyl ether	86		87		63-130	1		20
p/m-Xylene	85		85		70-130	0		20
o-Xylene	90		85		70-130	6		20
cis-1,2-Dichloroethene	85		85		70-130	0		20
Dibromomethane	91		90		70-130	1		20
1,4-Dichlorobutane	94		93		70-130	1		20
Iodomethane	**37**	Q	**33**	Q	70-130	11		20
1,2,3-Trichloropropane	96		96		64-130	0		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	95		94		36-147	1		20
Acetone	110		110		58-148	0		20
Carbon disulfide	82		69		51-130	17		20
2-Butanone	100		100		63-138	0		20
Vinyl acetate	94		93		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1808807
Report Date: 03/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1099227-3 WG1099227-4								
4-Methyl-2-pentanone	86		88		59-130	2		20
2-Hexanone	82		84		57-130	2		20
Ethyl methacrylate	86		87		70-130	1		20
Acrolein	**300**	Q	**310**	Q	70-130	3		20
Acrylonitrile	94		96		70-130	2		20
Bromochloromethane	88		89		70-130	1		20
Tetrahydrofuran	110		110		58-130	0		20
2,2-Dichloropropane	88		88		63-133	0		20
1,2-Dibromoethane	88		88		70-130	0		20
1,3-Dichloropropane	92		93		70-130	1		20
1,1,1,2-Tetrachloroethane	88		87		64-130	1		20
Bromobenzene	88		88		70-130	0		20
n-Butylbenzene	94		93		53-136	1		20
sec-Butylbenzene	91		90		70-130	1		20
tert-Butylbenzene	89		89		70-130	0		20
o-Chlorotoluene	87		89		70-130	2		20
p-Chlorotoluene	89		88		70-130	1		20
1,2-Dibromo-3-chloropropane	84		85		41-144	1		20
Hexachlorobutadiene	97		97		63-130	0		20
Isopropylbenzene	90		89		70-130	1		20
p-Isopropyltoluene	92		90		70-130	2		20
Naphthalene	110		96		70-130	14		20
n-Propylbenzene	94		93		69-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1808807
Report Date: 03/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1099227-3 WG1099227-4								
1,2,3-Trichlorobenzene	99		98		70-130	1		20
1,2,4-Trichlorobenzene	96		93		70-130	3		20
1,3,5-Trimethylbenzene	90		90		64-130	0		20
1,3,5-Trichlorobenzene	92		93		70-130	1		20
1,2,4-Trimethylbenzene	90		90		70-130	0		20
trans-1,4-Dichloro-2-butene	**69**	Q	71		70-130	3		20
Halothane	85		84		70-130	1		20
Ethyl ether	76		76		59-134	0		20
Methyl Acetate	100		100		70-130	0		20
Ethyl Acetate	94		97		70-130	3		20
Isopropyl Ether	96		97		70-130	1		20
Cyclohexane	89		89		70-130	0		20
Tert-Butyl Alcohol	76		80		70-130	5		20
Ethyl-Tert-Butyl-Ether	87		87		70-130	0		20
Tertiary-Amyl Methyl Ether	81		81		66-130	0		20
1,4-Dioxane	80		84		56-162	5		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	88		78		70-130	12		20
Methyl cyclohexane	84		85		70-130	1		20
p-Diethylbenzene	91		90		70-130	1		20
4-Ethyltoluene	91		90		70-130	1		20
1,2,4,5-Tetramethylbenzene	95		91		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: TETRA TECH ISS

Project Number: 10017

Lab Number: L1808807

Report Date: 03/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1099227-3 WG1099227-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		105		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	99		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1808807
Report Date: 03/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1099248-3 WG1099248-4								
Methylene chloride	96		95		70-130	1		20
1,1-Dichloroethane	96		92		70-130	4		20
Chloroform	96		94		70-130	2		20
Carbon tetrachloride	89		85		63-132	5		20
1,2-Dichloropropane	99		96		70-130	3		20
Dibromochloromethane	95		92		63-130	3		20
1,1,2-Trichloroethane	97		95		70-130	2		20
2-Chloroethylvinyl ether	100		98		70-130	2		20
Tetrachloroethene	92		88		70-130	4		20
Chlorobenzene	94		91		75-130	3		25
Trichlorofluoromethane	87		80		62-150	8		20
1,2-Dichloroethane	97		95		70-130	2		20
1,1,1-Trichloroethane	93		90		67-130	3		20
Bromodichloromethane	97		96		67-130	1		20
trans-1,3-Dichloropropene	96		93		70-130	3		20
cis-1,3-Dichloropropene	99		96		70-130	3		20
1,1-Dichloropropene	93		89		70-130	4		20
Bromoform	84		82		54-136	2		20
1,1,2,2-Tetrachloroethane	96		92		67-130	4		20
Benzene	96		92		70-130	4		25
Toluene	94		89		70-130	5		25
Ethylbenzene	92		89		70-130	3		20
Chloromethane	88		83		64-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1808807
Report Date: 03/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1099248-3 WG1099248-4								
Bromomethane	94		91		39-139	3		20
Vinyl chloride	90		85		55-140	6		20
Chloroethane	96		92		55-138	4		20
1,1-Dichloroethene	90		84		61-145	7		25
trans-1,2-Dichloroethene	94		90		70-130	4		20
Trichloroethene	93		91		70-130	2		25
1,2-Dichlorobenzene	94		90		70-130	4		20
1,3-Dichlorobenzene	93		89		70-130	4		20
1,4-Dichlorobenzene	92		88		70-130	4		20
Methyl tert butyl ether	99		96		63-130	3		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	96		93		70-130	3		20
Dibromomethane	100		99		70-130	1		20
1,4-Dichlorobutane	95		92		70-130	3		20
Iodomethane	86		84		70-130	2		20
1,2,3-Trichloropropane	97		95		64-130	2		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	82		76		36-147	8		20
Acetone	110		110		58-148	0		20
Carbon disulfide	88		82		51-130	7		20
2-Butanone	94		87		63-138	8		20
Vinyl acetate	88		86		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: TETRA TECH ISS

Project Number: 10017

Lab Number: L1808807

Report Date: 03/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1099248-3 WG1099248-4								
4-Methyl-2-pentanone	94		94		59-130	0		20
2-Hexanone	98		98		57-130	0		20
Ethyl methacrylate	91		89		70-130	2		20
Acrolein	97		95		70-130	2		20
Acrylonitrile	98		95		70-130	3		20
Bromochloromethane	100		97		70-130	3		20
Tetrahydrofuran	120		110		58-130	9		20
2,2-Dichloropropane	93		88		63-133	6		20
1,2-Dibromoethane	99		98		70-130	1		20
1,3-Dichloropropane	98		95		70-130	3		20
1,1,1,2-Tetrachloroethane	93		91		64-130	2		20
Bromobenzene	94		90		70-130	4		20
n-Butylbenzene	92		87		53-136	6		20
sec-Butylbenzene	91		86		70-130	6		20
tert-Butylbenzene	92		87		70-130	6		20
o-Chlorotoluene	88		85		70-130	3		20
p-Chlorotoluene	90		87		70-130	3		20
1,2-Dibromo-3-chloropropane	90		88		41-144	2		20
Hexachlorobutadiene	100		94		63-130	6		20
Isopropylbenzene	90		85		70-130	6		20
p-Isopropyltoluene	92		88		70-130	4		20
Naphthalene	99		96		70-130	3		20
n-Propylbenzene	90		86		69-130	5		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1808807
Report Date: 03/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1099248-3 WG1099248-4								
1,2,3-Trichlorobenzene	97		93		70-130	4		20
1,2,4-Trichlorobenzene	96		92		70-130	4		20
1,3,5-Trimethylbenzene	90		86		64-130	5		20
1,3,5-Trichlorobenzene	94		89		70-130	5		20
1,2,4-Trimethylbenzene	93		88		70-130	6		20
trans-1,4-Dichloro-2-butene	99		95		70-130	4		20
Halothane	95		90		70-130	5		20
Ethyl ether	96		95		59-134	1		20
Methyl Acetate	94		94		70-130	0		20
Ethyl Acetate	94		92		70-130	2		20
Isopropyl Ether	98		96		70-130	2		20
Cyclohexane	88		81		70-130	8		20
tert-Butyl Alcohol	**132**	Q	128		70-130	3		20
Ethyl-Tert-Butyl-Ether	99		96		70-130	3		20
Tertiary-Amyl Methyl Ether	100		97		66-130	3		20
1,4-Dioxane	152		140		56-162	8		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	86		79		70-130	8		20
Methyl cyclohexane	90		83		70-130	8		20
1,4-Diethylbenzene	93		88		70-130	6		20
4-Ethyltoluene	92		87		70-130	6		20
1,2,4,5-Tetramethylbenzene	94		90		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: TETRA TECH ISS

Project Number: 10017

Lab Number: L1808807

Report Date: 03/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1099248-3 WG1099248-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		100		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	101		101		70-130

SEMIVOLATILES

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-01
Client ID: 1A-10%-OC-D
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/20/18 09:50
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/18/18 15:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.57		ug/l	0.09	0.03	1
2-Chloronaphthalene	ND		ug/l	0.19	0.03	1
Fluoranthene	0.09	J	ug/l	0.09	0.04	1
Naphthalene	1.8		ug/l	0.09	0.04	1
Benzo(a)anthracene	ND		ug/l	0.09	0.02	1
Benzo(a)pyrene	ND		ug/l	0.09	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.09	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.09	0.04	1
Chrysene	ND		ug/l	0.09	0.04	1
Acenaphthylene	0.03	J	ug/l	0.09	0.03	1
Anthracene	0.06	J	ug/l	0.09	0.03	1
Benzo(ghi)perylene	ND		ug/l	0.09	0.04	1
Fluorene	ND		ug/l	0.09	0.04	1
Phenanthrene	0.46		ug/l	0.09	0.01	1
Dibenzo(a,h)anthracene	ND		ug/l	0.09	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.09	0.04	1
Pyrene	0.07	J	ug/l	0.09	0.04	1
1-Methylnaphthalene	0.11		ug/l	0.09	0.04	1
2-Methylnaphthalene	0.18		ug/l	0.09	0.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	64		15-120
4-Terphenyl-d14	79		41-149

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-02
Client ID: 1A-10%-OC
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/20/18 10:23
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/18/18 15:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.55		ug/l	0.10	0.03	1
2-Chloronaphthalene	ND		ug/l	0.19	0.03	1
Fluoranthene	0.09	J	ug/l	0.10	0.04	1
Naphthalene	1.9		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	0.03	J	ug/l	0.10	0.03	1
Anthracene	0.05	J	ug/l	0.10	0.03	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.44		ug/l	0.10	0.01	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	0.07	J	ug/l	0.10	0.04	1
1-Methylnaphthalene	0.11		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.18		ug/l	0.10	0.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	58		15-120
4-Terphenyl-d14	79		41-149

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-03
Client ID: 1A-10%-PC/LKD-OC
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/20/18 10:54
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/18/18 15:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.62		ug/l	0.10	0.03	1
2-Chloronaphthalene	ND		ug/l	0.19	0.03	1
Fluoranthene	0.13		ug/l	0.10	0.04	1
Naphthalene	1.6		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	0.08	J	ug/l	0.10	0.03	1
Anthracene	0.09	J	ug/l	0.10	0.03	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.69		ug/l	0.10	0.01	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	0.10		ug/l	0.10	0.04	1
1-Methylnaphthalene	0.16		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.27		ug/l	0.10	0.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	71		15-120
4-Terphenyl-d14	86		41-149

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-04
Client ID: 1A-10%-PC/LKD-OC-D
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/20/18 11:26
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/18/18 15:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.77		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.16		ug/l	0.10	0.04	1
Naphthalene	1.9		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	0.10		ug/l	0.10	0.04	1
Anthracene	0.09	J	ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.84		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	0.12		ug/l	0.10	0.04	1
1-Methylnaphthalene	0.19		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.33		ug/l	0.10	0.05	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	72		15-120
4-Terphenyl-d14	91		41-149

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-05
Client ID: 1A-13%-PC/LKD-OC-D
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/20/18 11:57
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/18/18 15:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.29		ug/l	0.10	0.03	1
2-Chloronaphthalene	ND		ug/l	0.19	0.03	1
Fluoranthene	0.08	J	ug/l	0.10	0.04	1
Naphthalene	0.66		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	0.04	J	ug/l	0.10	0.03	1
Anthracene	0.05	J	ug/l	0.10	0.03	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.34		ug/l	0.10	0.01	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	0.06	J	ug/l	0.10	0.04	1
1-Methylnaphthalene	0.07	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	0.11		ug/l	0.10	0.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	59		15-120
4-Terphenyl-d14	74		41-149

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-06
Client ID: 1A-13%-PC/LKD-OC
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/20/18 12:29
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/18/18 15:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.45		ug/l	0.10	0.03	1
2-Chloronaphthalene	ND		ug/l	0.20	0.03	1
Fluoranthene	0.09	J	ug/l	0.10	0.04	1
Naphthalene	1.1		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	0.05	J	ug/l	0.10	0.03	1
Anthracene	0.06	J	ug/l	0.10	0.03	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.47		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	0.07	J	ug/l	0.10	0.04	1
1-Methylnaphthalene	0.11		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.19		ug/l	0.10	0.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	71		15-120
4-Terphenyl-d14	93		41-149

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-07
Client ID: 4B-5%-OC
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/20/18 13:00
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/18/18 15:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.07	J	ug/l	0.10	0.03	1
2-Chloronaphthalene	ND		ug/l	0.20	0.03	1
Fluoranthene	0.07	J	ug/l	0.10	0.04	1
Naphthalene	0.14		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.03	1
Anthracene	ND		ug/l	0.10	0.03	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.20		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	0.04	J	ug/l	0.10	0.04	1
1-Methylnaphthalene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	64		15-120
4-Terphenyl-d14	86		41-149

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-08
Client ID: 4B-13%-PC/LKD-OC-D
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/20/18 13:32
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/18/18 15:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.22		ug/l	0.09	0.03	1
2-Chloronaphthalene	ND		ug/l	0.19	0.03	1
Fluoranthene	ND		ug/l	0.09	0.04	1
Naphthalene	0.67		ug/l	0.09	0.04	1
Benzo(a)anthracene	ND		ug/l	0.09	0.02	1
Benzo(a)pyrene	ND		ug/l	0.09	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.09	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.09	0.04	1
Chrysene	ND		ug/l	0.09	0.04	1
Acenaphthylene	ND		ug/l	0.09	0.03	1
Anthracene	ND		ug/l	0.09	0.03	1
Benzo(ghi)perylene	ND		ug/l	0.09	0.04	1
Fluorene	ND		ug/l	0.09	0.04	1
Phenanthrene	0.13		ug/l	0.09	0.01	1
Dibenzo(a,h)anthracene	ND		ug/l	0.09	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.09	0.04	1
Pyrene	ND		ug/l	0.09	0.04	1
1-Methylnaphthalene	0.06	J	ug/l	0.09	0.04	1
2-Methylnaphthalene	0.11		ug/l	0.09	0.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	72		15-120
4-Terphenyl-d14	80		41-149

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1808807
Report Date: 03/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/19/18 09:36
Analyst: KL

Extraction Method: EPA 3510C
Extraction Date: 03/18/18 09:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-08 Batch: WG1098176-1					
Acenaphthene	ND		ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.10	0.04
Naphthalene	ND		ug/l	0.10	0.04
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.04
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04
Chrysene	ND		ug/l	0.10	0.04
Acenaphthylene	ND		ug/l	0.10	0.04
Anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.10	0.04
Fluorene	ND		ug/l	0.10	0.04
Phenanthrene	0.04	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04
Pyrene	ND		ug/l	0.10	0.04
1-Methylnaphthalene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.05

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	84		15-120
4-Terphenyl-d14	129		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: TETRA TECH ISS

Project Number: 10017

Lab Number: L1808807

Report Date: 03/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-08 Batch: WG1098176-2 WG1098176-3								
Acenaphthene	83		75		40-140	10		40
2-Chloronaphthalene	86		79		40-140	8		40
Fluoranthene	84		79		40-140	6		40
Naphthalene	78		72		40-140	8		40
Benzo(a)anthracene	81		74		40-140	9		40
Benzo(a)pyrene	97		92		40-140	5		40
Benzo(b)fluoranthene	90		88		40-140	2		40
Benzo(k)fluoranthene	90		84		40-140	7		40
Chrysene	75		70		40-140	7		40
Acenaphthylene	94		88		40-140	7		40
Anthracene	87		79		40-140	10		40
Benzo(ghi)perylene	107		94		40-140	13		40
Fluorene	86		79		40-140	8		40
Phenanthrene	79		75		40-140	5		40
Dibenzo(a,h)anthracene	115		103		40-140	11		40
Indeno(1,2,3-cd)pyrene	115		106		40-140	8		40
Pyrene	80		75		40-140	6		40
1-Methylnaphthalene	81		79		40-140	3		40
2-Methylnaphthalene	82		78		40-140	5		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: TETRA TECH ISS

Project Number: 10017

Lab Number: L1808807

Report Date: 03/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-08 Batch: WG1098176-2 WG1098176-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	84		77		23-120
2-Fluorobiphenyl	93		86		15-120
4-Terphenyl-d14	112		105		41-149

PCBS

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-01
Client ID: 1A-10%-OC-D
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/21/18 06:05
Analyst: AF

Extraction Method: EPA 3510C
Extraction Date: 03/19/18 07:30
Cleanup Method: EPA 3665A
Cleanup Date: 03/19/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/19/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.438	0.041	1	A
Aroclor 1221	ND		ug/l	0.438	0.067	1	A
Aroclor 1232	ND		ug/l	0.438	0.057	1	A
Aroclor 1242	ND		ug/l	0.438	0.062	1	A
Aroclor 1248	ND		ug/l	0.438	0.048	1	A
Aroclor 1254	ND		ug/l	0.438	0.073	1	A
Aroclor 1260	1.42		ug/l	0.438	0.042	1	A
Aroclor 1262	ND		ug/l	0.438	0.036	1	A
Aroclor 1268	ND		ug/l	0.438	0.057	1	A
PCBs, Total	1.42		ug/l	0.438	0.036	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	81		30-150	B
2,4,5,6-Tetrachloro-m-xylene	106		30-150	A
Decachlorobiphenyl	86		30-150	A

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-02
Client ID: 1A-10%-OC
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/21/18 06:19
Analyst: AF

Extraction Method: EPA 3510C
Extraction Date: 03/19/18 07:30
Cleanup Method: EPA 3665A
Cleanup Date: 03/19/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/19/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.338	0.032	1	A
Aroclor 1221	ND		ug/l	0.338	0.052	1	A
Aroclor 1232	ND		ug/l	0.338	0.044	1	A
Aroclor 1242	ND		ug/l	0.338	0.048	1	A
Aroclor 1248	ND		ug/l	0.338	0.037	1	A
Aroclor 1254	ND		ug/l	0.338	0.056	1	A
Aroclor 1260	1.67		ug/l	0.338	0.032	1	A
Aroclor 1262	ND		ug/l	0.338	0.028	1	A
Aroclor 1268	ND		ug/l	0.338	0.044	1	A
PCBs, Total	1.67		ug/l	0.338	0.028	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	79		30-150	B
2,4,5,6-Tetrachloro-m-xylene	109		30-150	A
Decachlorobiphenyl	89		30-150	A

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-03
Client ID: 1A-10%-PC/LKD-OC
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/21/18 06:32
Analyst: AF

Extraction Method: EPA 3510C
Extraction Date: 03/19/18 07:30
Cleanup Method: EPA 3665A
Cleanup Date: 03/19/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/19/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.397	0.038	1	A
Aroclor 1221	ND		ug/l	0.397	0.061	1	A
Aroclor 1232	ND		ug/l	0.397	0.052	1	A
Aroclor 1242	ND		ug/l	0.397	0.057	1	A
Aroclor 1248	ND		ug/l	0.397	0.043	1	A
Aroclor 1254	ND		ug/l	0.397	0.066	1	A
Aroclor 1260	2.12		ug/l	0.397	0.038	1	A
Aroclor 1262	ND		ug/l	0.397	0.033	1	A
Aroclor 1268	ND		ug/l	0.397	0.052	1	A
PCBs, Total	2.12		ug/l	0.397	0.033	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	110		30-150	B
Decachlorobiphenyl	92		30-150	B
2,4,5,6-Tetrachloro-m-xylene	115		30-150	A
Decachlorobiphenyl	96		30-150	A

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-04
Client ID: 1A-10%-PC/LKD-OC-D
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/21/18 06:46
Analyst: AF

Extraction Method: EPA 3510C
Extraction Date: 03/19/18 07:30
Cleanup Method: EPA 3665A
Cleanup Date: 03/19/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/19/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.338	0.032	1	A
Aroclor 1221	ND		ug/l	0.338	0.052	1	A
Aroclor 1232	ND		ug/l	0.338	0.044	1	A
Aroclor 1242	ND		ug/l	0.338	0.048	1	A
Aroclor 1248	ND		ug/l	0.338	0.037	1	A
Aroclor 1254	ND		ug/l	0.338	0.056	1	A
Aroclor 1260	1.29		ug/l	0.338	0.032	1	A
Aroclor 1262	ND		ug/l	0.338	0.028	1	A
Aroclor 1268	ND		ug/l	0.338	0.044	1	A
PCBs, Total	1.29		ug/l	0.338	0.028	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	87		30-150	B
2,4,5,6-Tetrachloro-m-xylene	106		30-150	A
Decachlorobiphenyl	92		30-150	A

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-05
Client ID: 1A-13%-PC/LKD-OC-D
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/21/18 06:59
Analyst: AF

Extraction Method: EPA 3510C
Extraction Date: 03/19/18 07:30
Cleanup Method: EPA 3665A
Cleanup Date: 03/19/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/19/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.391	0.037	1	A
Aroclor 1221	ND		ug/l	0.391	0.060	1	A
Aroclor 1232	ND		ug/l	0.391	0.051	1	A
Aroclor 1242	ND		ug/l	0.391	0.056	1	A
Aroclor 1248	ND		ug/l	0.391	0.043	1	A
Aroclor 1254	ND		ug/l	0.391	0.065	1	A
Aroclor 1260	1.54		ug/l	0.391	0.038	1	A
Aroclor 1262	ND		ug/l	0.391	0.032	1	A
Aroclor 1268	ND		ug/l	0.391	0.051	1	A
PCBs, Total	1.54		ug/l	0.391	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	104		30-150	B
Decachlorobiphenyl	92		30-150	B
2,4,5,6-Tetrachloro-m-xylene	111		30-150	A
Decachlorobiphenyl	102		30-150	A

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-06
Client ID: 1A-13%-PC/LKD-OC
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/21/18 07:13
Analyst: AF

Extraction Method: EPA 3510C
Extraction Date: 03/19/18 07:30
Cleanup Method: EPA 3665A
Cleanup Date: 03/19/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/19/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.305	0.029	1	A
Aroclor 1221	ND		ug/l	0.305	0.047	1	A
Aroclor 1232	ND		ug/l	0.305	0.040	1	A
Aroclor 1242	ND		ug/l	0.305	0.043	1	A
Aroclor 1248	ND		ug/l	0.305	0.033	1	A
Aroclor 1254	ND		ug/l	0.305	0.051	1	A
Aroclor 1260	0.901		ug/l	0.305	0.029	1	A
Aroclor 1262	ND		ug/l	0.305	0.025	1	A
Aroclor 1268	ND		ug/l	0.305	0.040	1	A
PCBs, Total	0.901		ug/l	0.305	0.025	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	104		30-150	B
Decachlorobiphenyl	84		30-150	B
2,4,5,6-Tetrachloro-m-xylene	109		30-150	A
Decachlorobiphenyl	92		30-150	A

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-07
Client ID: 4B-5%-OC
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/21/18 07:26
Analyst: AF

Extraction Method: EPA 3510C
Extraction Date: 03/19/18 07:30
Cleanup Method: EPA 3665A
Cleanup Date: 03/19/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/19/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.521	0.049	1	A
Aroclor 1221	ND		ug/l	0.521	0.080	1	A
Aroclor 1232	ND		ug/l	0.521	0.068	1	A
Aroclor 1242	ND		ug/l	0.521	0.074	1	A
Aroclor 1248	ND		ug/l	0.521	0.057	1	A
Aroclor 1254	ND		ug/l	0.521	0.087	1	A
Aroclor 1260	6.10		ug/l	0.521	0.050	1	A
Aroclor 1262	ND		ug/l	0.521	0.043	1	A
Aroclor 1268	ND		ug/l	0.521	0.068	1	A
PCBs, Total	6.10		ug/l	0.521	0.043	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	78		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	85		30-150	A

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-08
Client ID: 4B-13%-PC/LKD-OC-D
Sample Location: MIDDLE RIVER, MD

Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/21/18 07:39
Analyst: AF

Extraction Method: EPA 3510C
Extraction Date: 03/19/18 07:30
Cleanup Method: EPA 3665A
Cleanup Date: 03/19/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/19/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.490	0.046	1	A
Aroclor 1221	ND		ug/l	0.490	0.075	1	A
Aroclor 1232	ND		ug/l	0.490	0.064	1	A
Aroclor 1242	ND		ug/l	0.490	0.070	1	A
Aroclor 1248	ND		ug/l	0.490	0.053	1	A
Aroclor 1254	ND		ug/l	0.490	0.082	1	A
Aroclor 1260	2.07		ug/l	0.490	0.047	1	A
Aroclor 1262	ND		ug/l	0.490	0.040	1	A
Aroclor 1268	ND		ug/l	0.490	0.064	1	A
PCBs, Total	2.07		ug/l	0.490	0.040	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	96		30-150	B
2,4,5,6-Tetrachloro-m-xylene	108		30-150	A
Decachlorobiphenyl	106		30-150	A

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1808807
Report Date: 03/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/21/18 05:25
Analyst: AF

Extraction Method: EPA 3510C
Extraction Date: 03/19/18 07:30
Cleanup Method: EPA 3665A
Cleanup Date: 03/19/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/19/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
PCB by GC - Westborough Lab for sample(s): 01-08 Batch: WG1098294-1						
Aroclor 1016	ND		ug/l	0.250	0.024	A
Aroclor 1221	ND		ug/l	0.250	0.038	A
Aroclor 1232	ND		ug/l	0.250	0.033	A
Aroclor 1242	ND		ug/l	0.250	0.036	A
Aroclor 1248	ND		ug/l	0.250	0.027	A
Aroclor 1254	ND		ug/l	0.250	0.042	A
Aroclor 1260	ND		ug/l	0.250	0.024	A
Aroclor 1262	ND		ug/l	0.250	0.021	A
Aroclor 1268	ND		ug/l	0.250	0.033	A
PCBs, Total	ND		ug/l	0.250	0.021	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	101		30-150	B
Decachlorobiphenyl	96		30-150	B
2,4,5,6-Tetrachloro-m-xylene	99		30-150	A
Decachlorobiphenyl	89		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: TETRA TECH ISS

Project Number: 10017

Lab Number: L1808807

Report Date: 03/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
PCB by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1098294-2 WG1098294-3									
Aroclor 1016	86		84		40-140	3		50	A
Aroclor 1260	81		80		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		94		30-150	B
Decachlorobiphenyl	92		91		30-150	B
2,4,5,6-Tetrachloro-m-xylene	90		93		30-150	A
Decachlorobiphenyl	89		90		30-150	A

METALS

Project Name: TETRA TECH ISS
Lab Number: L1808807
Project Number: 10017
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-01
Client ID: 1A-10%-OC-D
Sample Location: MIDDLE RIVER, MD
Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Antimony, Dissolved	1.465	J	ug/l	4.000	0.4290	1	03/19/18 12:45	03/20/18 12:28	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.5808		ug/l	0.5000	0.1650	1	03/19/18 12:45	03/20/18 12:28	EPA 3005A	1,6020A	AM
Barium, Dissolved	18.76		ug/l	0.5000	0.1730	1	03/19/18 12:45	03/20/18 12:28	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1070	1	03/19/18 12:45	03/20/18 12:28	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0599	1	03/19/18 12:45	03/20/18 12:28	EPA 3005A	1,6020A	AM
Chromium, Dissolved	43.27		ug/l	1.000	0.1780	1	03/19/18 12:45	03/20/18 12:28	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	2.415		ug/l	0.5000	0.1630	1	03/19/18 12:45	03/20/18 12:28	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.7811	J	ug/l	1.500	0.3840	1	03/19/18 12:45	03/20/18 12:28	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		ug/l	1.000	0.3430	1	03/19/18 12:45	03/20/18 12:28	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		ug/l	0.2000	0.0660	1	03/20/18 15:08	03/21/18 16:24	EPA 7470A	1,7470A	MG
Molybdenum, Dissolved	3.510		ug/l	2.000	0.6700	1	03/19/18 12:45	03/20/18 12:28	EPA 3005A	1,6020A	AM
Nickel, Dissolved	ND		ug/l	2.000	0.5560	1	03/19/18 12:45	03/20/18 12:28	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		ug/l	5.00	1.73	1	03/19/18 12:45	03/20/18 12:28	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		ug/l	0.4000	0.1630	1	03/19/18 12:45	03/20/18 12:28	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		ug/l	0.5000	0.1430	1	03/19/18 12:45	03/20/18 12:28	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	5.598		ug/l	5.000	1.570	1	03/19/18 12:45	03/20/18 12:28	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		ug/l	10.00	3.410	1	03/19/18 12:45	03/20/18 12:28	EPA 3005A	1,6020A	AM

Project Name: TETRA TECH ISS
Lab Number: L1808807
Project Number: 10017
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-02
Client ID: 1A-10%-OC
Sample Location: MIDDLE RIVER, MD
Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Antimony, Dissolved	0.9440	J	ug/l	4.000	0.4290	1	03/19/18 12:45	03/20/18 13:00	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.3226	J	ug/l	0.5000	0.1650	1	03/19/18 12:45	03/20/18 13:00	EPA 3005A	1,6020A	AM
Barium, Dissolved	34.81		ug/l	0.5000	0.1730	1	03/19/18 12:45	03/20/18 13:00	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1070	1	03/19/18 12:45	03/20/18 13:00	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0599	1	03/19/18 12:45	03/20/18 13:00	EPA 3005A	1,6020A	AM
Chromium, Dissolved	38.78		ug/l	1.000	0.1780	1	03/19/18 12:45	03/20/18 13:00	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	2.202		ug/l	0.5000	0.1630	1	03/19/18 12:45	03/20/18 13:00	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.9864	J	ug/l	1.000	0.3840	1	03/19/18 12:45	03/20/18 13:00	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		ug/l	1.000	0.3430	1	03/19/18 12:45	03/20/18 13:00	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		ug/l	0.2000	0.0660	1	03/20/18 15:08	03/21/18 16:33	EPA 7470A	1,7470A	MG
Molybdenum, Dissolved	3.058		ug/l	2.000	0.6700	1	03/19/18 12:45	03/20/18 13:00	EPA 3005A	1,6020A	AM
Nickel, Dissolved	ND		ug/l	2.000	0.5560	1	03/19/18 12:45	03/20/18 13:00	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		ug/l	5.00	1.73	1	03/19/18 12:45	03/20/18 13:00	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		ug/l	0.4000	0.1630	1	03/19/18 12:45	03/20/18 13:00	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		ug/l	0.5000	0.1430	1	03/19/18 12:45	03/20/18 13:00	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	3.897	J	ug/l	5.000	1.570	1	03/19/18 12:45	03/20/18 13:00	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		ug/l	10.00	3.410	1	03/19/18 12:45	03/20/18 13:00	EPA 3005A	1,6020A	AM

Project Name: TETRA TECH ISS
Lab Number: L1808807
Project Number: 10017
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-03
Client ID: 1A-10%-PC/LKD-OC
Sample Location: MIDDLE RIVER, MD
Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Antimony, Dissolved	0.6965	J	ug/l	4.000	0.4290	1	03/19/18 12:45	03/20/18 13:04	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.4064	J	ug/l	0.5000	0.1650	1	03/19/18 12:45	03/20/18 13:04	EPA 3005A	1,6020A	AM
Barium, Dissolved	37.23		ug/l	0.5000	0.1730	1	03/19/18 12:45	03/20/18 13:04	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1070	1	03/19/18 12:45	03/20/18 13:04	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0599	1	03/19/18 12:45	03/20/18 13:04	EPA 3005A	1,6020A	AM
Chromium, Dissolved	36.00		ug/l	1.000	0.1780	1	03/19/18 12:45	03/20/18 13:04	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.9172		ug/l	0.5000	0.1630	1	03/19/18 12:45	03/20/18 13:04	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.9395	J	ug/l	1.000	0.3840	1	03/19/18 12:45	03/20/18 13:04	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		ug/l	1.000	0.3430	1	03/19/18 12:45	03/20/18 13:04	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		ug/l	0.2000	0.0660	1	03/20/18 15:08	03/21/18 16:35	EPA 7470A	1,7470A	MG
Molybdenum, Dissolved	4.126		ug/l	2.000	0.6700	1	03/19/18 12:45	03/20/18 13:04	EPA 3005A	1,6020A	AM
Nickel, Dissolved	ND		ug/l	2.000	0.5560	1	03/19/18 12:45	03/20/18 13:04	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		ug/l	5.00	1.73	1	03/19/18 12:45	03/20/18 13:04	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		ug/l	0.4000	0.1630	1	03/19/18 12:45	03/20/18 13:04	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		ug/l	0.5000	0.1430	1	03/19/18 12:45	03/20/18 13:04	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	4.610	J	ug/l	5.000	1.570	1	03/19/18 12:45	03/20/18 13:04	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		ug/l	10.00	3.410	1	03/19/18 12:45	03/20/18 13:04	EPA 3005A	1,6020A	AM

Project Name: TETRA TECH ISS
Lab Number: L1808807
Project Number: 10017
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-04
Client ID: 1A-10%-PC/LKD-OC-D
Sample Location: MIDDLE RIVER, MD
Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Antimony, Dissolved	0.9699	J	ug/l	4.000	0.4290	1	03/19/18 12:45	03/20/18 13:35	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.2875	J	ug/l	0.5000	0.1650	1	03/19/18 12:45	03/20/18 13:35	EPA 3005A	1,6020A	AM
Barium, Dissolved	39.07		ug/l	0.5000	0.1730	1	03/19/18 12:45	03/20/18 13:35	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1070	1	03/19/18 12:45	03/20/18 13:35	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0599	1	03/19/18 12:45	03/20/18 13:35	EPA 3005A	1,6020A	AM
Chromium, Dissolved	38.97		ug/l	1.000	0.1780	1	03/19/18 12:45	03/20/18 13:35	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.9803		ug/l	0.5000	0.1630	1	03/19/18 12:45	03/20/18 13:35	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.5579	J	ug/l	1.000	0.3840	1	03/19/18 12:45	03/20/18 13:35	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		ug/l	1.000	0.3430	1	03/19/18 12:45	03/20/18 13:35	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		ug/l	0.2000	0.0660	1	03/20/18 15:08	03/21/18 16:36	EPA 7470A	1,7470A	MG
Molybdenum, Dissolved	4.440		ug/l	2.000	0.6700	1	03/19/18 12:45	03/20/18 13:35	EPA 3005A	1,6020A	AM
Nickel, Dissolved	ND		ug/l	2.000	0.5560	1	03/19/18 12:45	03/20/18 13:35	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		ug/l	5.00	1.73	1	03/19/18 12:45	03/20/18 13:35	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		ug/l	0.4000	0.1630	1	03/19/18 12:45	03/20/18 13:35	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		ug/l	0.5000	0.1430	1	03/19/18 12:45	03/20/18 13:35	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	6.367		ug/l	5.000	1.570	1	03/19/18 12:45	03/20/18 13:35	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		ug/l	10.00	3.410	1	03/19/18 12:45	03/20/18 13:35	EPA 3005A	1,6020A	AM

Project Name: TETRA TECH ISS
Lab Number: L1808807
Project Number: 10017
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-05
Client ID: 1A-13%-PC/LKD-OC-D
Sample Location: MIDDLE RIVER, MD
Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Antimony, Dissolved	0.7839	J	ug/l	4.000	0.4290	1	03/19/18 12:45	03/20/18 13:39	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.3090	J	ug/l	0.5000	0.1650	1	03/19/18 12:45	03/20/18 13:39	EPA 3005A	1,6020A	AM
Barium, Dissolved	24.77		ug/l	0.5000	0.1730	1	03/19/18 12:45	03/20/18 13:39	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1070	1	03/19/18 12:45	03/20/18 13:39	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0599	1	03/19/18 12:45	03/20/18 13:39	EPA 3005A	1,6020A	AM
Chromium, Dissolved	32.97		ug/l	1.000	0.1780	1	03/19/18 12:45	03/20/18 13:39	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	1.128		ug/l	0.5000	0.1630	1	03/19/18 12:45	03/20/18 13:39	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.8618	J	ug/l	1.000	0.3840	1	03/19/18 12:45	03/20/18 13:39	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		ug/l	1.000	0.3430	1	03/19/18 12:45	03/20/18 13:39	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		ug/l	0.2000	0.0660	1	03/20/18 15:08	03/21/18 16:38	EPA 7470A	1,7470A	MG
Molybdenum, Dissolved	3.079		ug/l	2.000	0.6700	1	03/19/18 12:45	03/20/18 13:39	EPA 3005A	1,6020A	AM
Nickel, Dissolved	ND		ug/l	2.000	0.5560	1	03/19/18 12:45	03/20/18 13:39	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		ug/l	5.00	1.73	1	03/19/18 12:45	03/20/18 13:39	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		ug/l	0.4000	0.1630	1	03/19/18 12:45	03/20/18 13:39	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		ug/l	0.5000	0.1430	1	03/19/18 12:45	03/20/18 13:39	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	4.893	J	ug/l	5.000	1.570	1	03/19/18 12:45	03/20/18 13:39	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		ug/l	10.00	3.410	1	03/19/18 12:45	03/20/18 13:39	EPA 3005A	1,6020A	AM

Project Name: TETRA TECH ISS
Lab Number: L1808807
Project Number: 10017
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-06
Client ID: 1A-13%-PC/LKD-OC
Sample Location: MIDDLE RIVER, MD
Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Antimony, Dissolved	0.8165	J	ug/l	4.000	0.4290	1	03/19/18 12:45	03/20/18 13:43	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.3000	J	ug/l	0.5000	0.1650	1	03/19/18 12:45	03/20/18 13:43	EPA 3005A	1,6020A	AM
Barium, Dissolved	35.06		ug/l	0.5000	0.1730	1	03/19/18 12:45	03/20/18 13:43	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1070	1	03/19/18 12:45	03/20/18 13:43	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0599	1	03/19/18 12:45	03/20/18 13:43	EPA 3005A	1,6020A	AM
Chromium, Dissolved	34.69		ug/l	1.000	0.1780	1	03/19/18 12:45	03/20/18 13:43	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.9977		ug/l	0.5000	0.1630	1	03/19/18 12:45	03/20/18 13:43	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.6165	J	ug/l	1.000	0.3840	1	03/19/18 12:45	03/20/18 13:43	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		ug/l	1.000	0.3430	1	03/19/18 12:45	03/20/18 13:43	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		ug/l	0.2000	0.0660	1	03/20/18 15:08	03/21/18 16:40	EPA 7470A	1,7470A	MG
Molybdenum, Dissolved	3.142		ug/l	2.000	0.6700	1	03/19/18 12:45	03/20/18 13:43	EPA 3005A	1,6020A	AM
Nickel, Dissolved	ND		ug/l	2.000	0.5560	1	03/19/18 12:45	03/20/18 13:43	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		ug/l	5.00	1.73	1	03/19/18 12:45	03/20/18 13:43	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		ug/l	0.4000	0.1630	1	03/19/18 12:45	03/20/18 13:43	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		ug/l	0.5000	0.1430	1	03/19/18 12:45	03/20/18 13:43	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	5.131		ug/l	5.000	1.570	1	03/19/18 12:45	03/20/18 13:43	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		ug/l	10.00	3.410	1	03/19/18 12:45	03/20/18 13:43	EPA 3005A	1,6020A	AM

Project Name: TETRA TECH ISS
Lab Number: L1808807
Project Number: 10017
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-07
Client ID: 4B-5%-OC
Sample Location: MIDDLE RIVER, MD
Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Antimony, Dissolved	1.093	J	ug/l	4.000	0.4290	1	03/19/18 12:45	03/20/18 13:46	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.2358	J	ug/l	0.5000	0.1650	1	03/19/18 12:45	03/20/18 13:46	EPA 3005A	1,6020A	AM
Barium, Dissolved	12.12		ug/l	0.5000	0.1730	1	03/19/18 12:45	03/20/18 13:46	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1070	1	03/19/18 12:45	03/20/18 13:46	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0599	1	03/19/18 12:45	03/20/18 13:46	EPA 3005A	1,6020A	AM
Chromium, Dissolved	177.2		ug/l	1.000	0.1780	1	03/19/18 12:45	03/20/18 13:46	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.1950	J	ug/l	0.5000	0.1630	1	03/19/18 12:45	03/20/18 13:46	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.5737	J	ug/l	1.000	0.3840	1	03/19/18 12:45	03/20/18 13:46	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		ug/l	1.000	0.3430	1	03/19/18 12:45	03/20/18 13:46	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		ug/l	0.2000	0.0660	1	03/20/18 15:08	03/21/18 16:42	EPA 7470A	1,7470A	MG
Molybdenum, Dissolved	10.20		ug/l	2.000	0.6700	1	03/19/18 12:45	03/20/18 13:46	EPA 3005A	1,6020A	AM
Nickel, Dissolved	ND		ug/l	2.000	0.5560	1	03/19/18 12:45	03/20/18 13:46	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		ug/l	5.00	1.73	1	03/19/18 12:45	03/20/18 13:46	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		ug/l	0.4000	0.1630	1	03/19/18 12:45	03/20/18 13:46	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		ug/l	0.5000	0.1430	1	03/19/18 12:45	03/20/18 13:46	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	9.476		ug/l	5.000	1.570	1	03/19/18 12:45	03/20/18 13:46	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		ug/l	10.00	3.410	1	03/19/18 12:45	03/20/18 13:46	EPA 3005A	1,6020A	AM

Project Name: TETRA TECH ISS
Lab Number: L1808807
Project Number: 10017
Report Date: 03/22/18

SAMPLE RESULTS

Lab ID: L1808807-08
Client ID: 4B-13%-PC/LKD-OC-D
Sample Location: MIDDLE RIVER, MD
Date Collected: 03/14/18 15:45
Date Received: 03/15/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Antimony, Dissolved	0.6914	J	ug/l	4.000	0.4290	1	03/19/18 12:45	03/20/18 13:50	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.2655	J	ug/l	0.5000	0.1650	1	03/19/18 12:45	03/20/18 13:50	EPA 3005A	1,6020A	AM
Barium, Dissolved	71.39		ug/l	0.5000	0.1730	1	03/19/18 12:45	03/20/18 13:50	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1070	1	03/19/18 12:45	03/20/18 13:50	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0599	1	03/19/18 12:45	03/20/18 13:50	EPA 3005A	1,6020A	AM
Chromium, Dissolved	32.03		ug/l	1.000	0.1780	1	03/19/18 12:45	03/20/18 13:50	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	1.487		ug/l	0.5000	0.1630	1	03/19/18 12:45	03/20/18 13:50	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.5664	J	ug/l	1.000	0.3840	1	03/19/18 12:45	03/20/18 13:50	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		ug/l	1.000	0.3430	1	03/19/18 12:45	03/20/18 13:50	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		ug/l	0.2000	0.0660	1	03/20/18 15:08	03/21/18 16:43	EPA 7470A	1,7470A	MG
Molybdenum, Dissolved	2.682		ug/l	2.000	0.6700	1	03/19/18 12:45	03/20/18 13:50	EPA 3005A	1,6020A	AM
Nickel, Dissolved	ND		ug/l	2.000	0.5560	1	03/19/18 12:45	03/20/18 13:50	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		ug/l	5.00	1.73	1	03/19/18 12:45	03/20/18 13:50	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		ug/l	0.4000	0.1630	1	03/19/18 12:45	03/20/18 13:50	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		ug/l	0.5000	0.1430	1	03/19/18 12:45	03/20/18 13:50	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	2.478	J	ug/l	5.000	1.570	1	03/19/18 12:45	03/20/18 13:50	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		ug/l	10.00	3.410	1	03/19/18 12:45	03/20/18 13:50	EPA 3005A	1,6020A	AM

Project Name: TETRA TECH ISS
Project Number: 10017
Lab Number: L1808807
Report Date: 03/22/18

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1098117-1										
Antimony, Dissolved	1.607	J	ug/l	4.000	0.4290	1	03/19/18 12:45	03/20/18 11:57	1,6020A	AM
Arsenic, Dissolved	0.2626	J	ug/l	0.5000	0.1650	1	03/19/18 12:45	03/20/18 11:57	1,6020A	AM
Barium, Dissolved	ND		ug/l	0.5000	0.1730	1	03/19/18 12:45	03/20/18 11:57	1,6020A	AM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1070	1	03/19/18 12:45	03/20/18 11:57	1,6020A	AM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0599	1	03/19/18 12:45	03/20/18 11:57	1,6020A	AM
Chromium, Dissolved	0.1847	J	ug/l	1.000	0.1780	1	03/19/18 12:45	03/20/18 11:57	1,6020A	AM
Cobalt, Dissolved	ND		ug/l	0.5000	0.1630	1	03/19/18 12:45	03/20/18 11:57	1,6020A	AM
Copper, Dissolved	1.379	J	ug/l	1.500	0.3840	1	03/19/18 12:45	03/20/18 11:57	1,6020A	AM
Lead, Dissolved	ND		ug/l	1.000	0.3430	1	03/19/18 12:45	03/20/18 11:57	1,6020A	AM
Molybdenum, Dissolved	ND		ug/l	2.000	0.6700	1	03/19/18 12:45	03/20/18 11:57	1,6020A	AM
Nickel, Dissolved	ND		ug/l	2.000	0.5560	1	03/19/18 12:45	03/20/18 11:57	1,6020A	AM
Selenium, Dissolved	ND		ug/l	5.00	1.73	1	03/19/18 12:45	03/20/18 11:57	1,6020A	AM
Silver, Dissolved	ND		ug/l	0.4000	0.1630	1	03/19/18 12:45	03/20/18 11:57	1,6020A	AM
Thallium, Dissolved	ND		ug/l	0.5000	0.1430	1	03/19/18 12:45	03/20/18 11:57	1,6020A	AM
Vanadium, Dissolved	ND		ug/l	5.000	1.570	1	03/19/18 12:45	03/20/18 11:57	1,6020A	AM
Zinc, Dissolved	ND		ug/l	10.00	3.410	1	03/19/18 12:45	03/20/18 11:57	1,6020A	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1098856-1										
Mercury, Dissolved	ND		ug/l	0.2000	0.0660	1	03/20/18 15:08	03/21/18 16:10	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: TETRA TECH ISS

Project Number: 10017

Lab Number: L1808807

Report Date: 03/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1098117-2								
Antimony, Dissolved	102		-		80-120	-		
Arsenic, Dissolved	111		-		80-120	-		
Barium, Dissolved	102		-		80-120	-		
Beryllium, Dissolved	112		-		80-120	-		
Cadmium, Dissolved	114		-		80-120	-		
Chromium, Dissolved	115		-		80-120	-		
Cobalt, Dissolved	109		-		80-120	-		
Copper, Dissolved	113		-		80-120	-		
Lead, Dissolved	110		-		80-120	-		
Molybdenum, Dissolved	100		-		80-120	-		
Nickel, Dissolved	112		-		80-120	-		
Selenium, Dissolved	112		-		80-120	-		
Silver, Dissolved	99		-		80-120	-		
Thallium, Dissolved	105		-		80-120	-		
Vanadium, Dissolved	116		-		80-120	-		
Zinc, Dissolved	109		-		80-120	-		
Dissolved Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1098856-2								
Mercury, Dissolved	110		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1808807
Report Date: 03/22/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1098117-3 QC Sample: L1808807-01 Client ID: 1A-10%-OC-D												
Antimony, Dissolved	1.465J	500	568.3	114		-	-		75-125	-		20
Arsenic, Dissolved	0.5808	120	142.4	118		-	-		75-125	-		20
Barium, Dissolved	18.76	2000	2141	106		-	-		75-125	-		20
Beryllium, Dissolved	ND	50	56.03	112		-	-		75-125	-		20
Cadmium, Dissolved	ND	51	58.01	114		-	-		75-125	-		20
Chromium, Dissolved	43.27	200	292.8	125		-	-		75-125	-		20
Cobalt, Dissolved	2.415	500	569.3	113		-	-		75-125	-		20
Copper, Dissolved	0.7811J	250	285.3	114		-	-		75-125	-		20
Lead, Dissolved	ND	510	573.8	112		-	-		75-125	-		20
Molybdenum, Dissolved	3.510	1000	1031	103		-	-		75-125	-		20
Nickel, Dissolved	ND	500	570.2	114		-	-		75-125	-		20
Selenium, Dissolved	ND	120	138	115		-	-		75-125	-		20
Silver, Dissolved	ND	50	50.08	100		-	-		75-125	-		20
Thallium, Dissolved	ND	120	127.5	106		-	-		75-125	-		20
Vanadium, Dissolved	5.598	500	612.7	121		-	-		75-125	-		20
Zinc, Dissolved	ND	500	578.0	116		-	-		75-125	-		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1098856-3 QC Sample: L1808807-01 Client ID: 1A-10%-OC-D												
Mercury, Dissolved	ND	5	5.100	102		-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1808807
Report Date: 03/22/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1098117-4 QC Sample: L1808807-01 Client ID: 1A-10%-OC-D						
Antimony, Dissolved	1.465J	2.532J	ug/l	NC		20
Arsenic, Dissolved	0.5808	0.5104	ug/l	13		20
Barium, Dissolved	18.76	20.08	ug/l	7		20
Beryllium, Dissolved	ND	ND	ug/l	NC		20
Cadmium, Dissolved	ND	ND	ug/l	NC		20
Chromium, Dissolved	43.27	45.29	ug/l	5		20
Cobalt, Dissolved	2.415	2.467	ug/l	2		20
Copper, Dissolved	0.7811J	0.9974J	ug/l	NC		20
Lead, Dissolved	ND	ND	ug/l	NC		20
Molybdenum, Dissolved	3.510	4.122	ug/l	16		20
Nickel, Dissolved	ND	ND	ug/l	NC		20
Selenium, Dissolved	ND	ND	ug/l	NC		20
Silver, Dissolved	ND	ND	ug/l	NC		20
Thallium, Dissolved	ND	ND	ug/l	NC		20
Vanadium, Dissolved	5.598	5.620	ug/l	0		20
Zinc, Dissolved	ND	ND	ug/l	NC		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1098856-4 QC Sample: L1808807-01 Client ID: 1A-10%-OC-D						
Mercury, Dissolved	ND	ND	ug/l	NC		20

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1808807
Report Date: 03/22/18

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1808807-01A	Vial HCl preserved	A	NA		4.3	Y	Absent		8260(14)
L1808807-01B	Vial HCl preserved	A	NA		4.3	Y	Absent		8260(14)
L1808807-01C	Vial HCl preserved	A	NA		4.3	Y	Absent		8260(14)
L1808807-01D	Plastic 250ml unpreserved	A	10	10	4.3	Y	Absent		A2-FILTERMET(1)
L1808807-01E	Amber 1000ml unpreserved	A	10	10	4.3	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1808807-01F	Amber 1000ml unpreserved	A	10	10	4.3	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1808807-01X	Plastic 250ml HNO3 preserved Filtrates	A	NA		4.3	Y	Absent		PB-6020S-PPB(180),AG-6020S-PPB(180),BE-6020S-PPB(180),TL-6020S-PPB(180),HG-S-PPB(28),ZN-6020S-PPB(180),CD-6020S-PPB(180),CO-6020S-PPB(180),CU-6020S-PPB(180),AS-6020S-PPB(180),CR-6020S-PPB(180),SB-6020S-PPB(180),BA-6020S-PPB(180),V-6020S-PPB(180),MO-6020S-PPB(180),NI-6020S-PPB(180),SE-6020S-PPB(180)
L1808807-02A	Vial HCl preserved	A	NA		4.3	Y	Absent		8260(14)
L1808807-02B	Vial HCl preserved	A	NA		4.3	Y	Absent		8260(14)
L1808807-02C	Vial HCl preserved	A	NA		4.3	Y	Absent		8260(14)
L1808807-02D	Plastic 250ml unpreserved	A	10	10	4.3	Y	Absent		A2-FILTERMET(1)
L1808807-02E	Amber 1000ml unpreserved	A	10	10	4.3	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1808807-02F	Amber 1000ml unpreserved	A	10	10	4.3	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1808807-02X	Plastic 250ml HNO3 preserved Filtrates	A	NA		4.3	Y	Absent		PB-6020S-PPB(180),AG-6020S-PPB(180),BE-6020S-PPB(180),TL-6020S-PPB(180),HG-S-PPB(28),ZN-6020S-PPB(180),CD-6020S-PPB(180),CO-6020S-PPB(180),CU-6020S-PPB(180),AS-6020S-PPB(180),CR-6020S-PPB(180),SB-6020S-PPB(180),BA-6020S-PPB(180),V-6020S-PPB(180),MO-6020S-PPB(180),NI-6020S-PPB(180),SE-6020S-PPB(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1808807-03A	Vial HCl preserved	A	NA		4.3	Y	Absent		8260(14)
L1808807-03B	Vial HCl preserved	A	NA		4.3	Y	Absent		8260(14)
L1808807-03C	Vial HCl preserved	A	NA		4.3	Y	Absent		8260(14)
L1808807-03D	Plastic 250ml unpreserved	A	10	10	4.3	Y	Absent		A2-FILTERMET(1)
L1808807-03E	Amber 1000ml unpreserved	A	10	10	4.3	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1808807-03F	Amber 1000ml unpreserved	A	10	10	4.3	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1808807-03X	Plastic 250ml HNO3 preserved Filtrates	A	NA		4.3	Y	Absent		PB-6020S-PPB(180),AG-6020S-PPB(180),BE-6020S-PPB(180),TL-6020S-PPB(180),HG-S-PPB(28),ZN-6020S-PPB(180),CD-6020S-PPB(180),CO-6020S-PPB(180),CU-6020S-PPB(180),AS-6020S-PPB(180),CR-6020S-PPB(180),SB-6020S-PPB(180),BA-6020S-PPB(180),V-6020S-PPB(180),MO-6020S-PPB(180),NI-6020S-PPB(180),SE-6020S-PPB(180)
L1808807-04A	Vial HCl preserved	A	NA		4.3	Y	Absent		8260(14)
L1808807-04B	Vial HCl preserved	A	NA		4.3	Y	Absent		8260(14)
L1808807-04C	Vial HCl preserved	A	NA		4.3	Y	Absent		8260(14)
L1808807-04D	Plastic 250ml unpreserved	A	10	10	4.3	Y	Absent		A2-FILTERMET(1)
L1808807-04E	Amber 1000ml unpreserved	A	10	10	4.3	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1808807-04F	Amber 1000ml unpreserved	A	10	10	4.3	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1808807-04X	Plastic 250ml HNO3 preserved Filtrates	A	NA		4.3	Y	Absent		PB-6020S-PPB(180),AG-6020S-PPB(180),BE-6020S-PPB(180),TL-6020S-PPB(180),HG-S-PPB(28),ZN-6020S-PPB(180),CD-6020S-PPB(180),CO-6020S-PPB(180),CU-6020S-PPB(180),AS-6020S-PPB(180),CR-6020S-PPB(180),SB-6020S-PPB(180),BA-6020S-PPB(180),V-6020S-PPB(180),MO-6020S-PPB(180),NI-6020S-PPB(180),SE-6020S-PPB(180)
L1808807-05A	Vial HCl preserved	B	NA		5.2	Y	Absent		8260(14)
L1808807-05B	Vial HCl preserved	B	NA		5.2	Y	Absent		8260(14)
L1808807-05C	Vial HCl preserved	B	NA		5.2	Y	Absent		8260(14)
L1808807-05D	Plastic 250ml unpreserved	B	10	10	5.2	Y	Absent		A2-FILTERMET(1)
L1808807-05E	Amber 1000ml unpreserved	B	10	10	5.2	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1808807-05F	Amber 1000ml unpreserved	B	10	10	5.2	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1808807-05X	Plastic 250ml HNO3 preserved Filtrates	B	NA		5.2	Y	Absent		PB-6020S-PPB(180),AG-6020S-PPB(180),BE-6020S-PPB(180),TL-6020S-PPB(180),HG-S-PPB(28),ZN-6020S-PPB(180),CD-6020S-PPB(180),CO-6020S-PPB(180),CU-6020S-PPB(180),AS-6020S-PPB(180),CR-6020S-PPB(180),SB-6020S-PPB(180),BA-6020S-PPB(180),V-6020S-PPB(180),MO-6020S-PPB(180),NI-6020S-PPB(180),SE-6020S-PPB(180)
L1808807-06A	Vial HCl preserved	B	NA		5.2	Y	Absent		8260(14)
L1808807-06B	Vial HCl preserved	B	NA		5.2	Y	Absent		8260(14)
L1808807-06C	Vial HCl preserved	B	NA		5.2	Y	Absent		8260(14)
L1808807-06D	Plastic 250ml unpreserved	B	10	10	5.2	Y	Absent		A2-FILTERMET(1)
L1808807-06E	Amber 1000ml unpreserved	B	10	10	5.2	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1808807-06F	Amber 1000ml unpreserved	B	10	10	5.2	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1808807-06X	Plastic 250ml HNO3 preserved Filtrates	B	NA		5.2	Y	Absent		PB-6020S-PPB(180),AG-6020S-PPB(180),BE-6020S-PPB(180),TL-6020S-PPB(180),HG-S-PPB(28),ZN-6020S-PPB(180),CD-6020S-PPB(180),CO-6020S-PPB(180),CU-6020S-PPB(180),AS-6020S-PPB(180),CR-6020S-PPB(180),SB-6020S-PPB(180),BA-6020S-PPB(180),V-6020S-PPB(180),MO-6020S-PPB(180),NI-6020S-PPB(180),SE-6020S-PPB(180)
L1808807-07A	Vial HCl preserved	B	NA		5.2	Y	Absent		8260(14)
L1808807-07B	Vial HCl preserved	B	NA		5.2	Y	Absent		8260(14)
L1808807-07C	Vial HCl preserved	B	NA		5.2	Y	Absent		8260(14)
L1808807-07D	Plastic 250ml unpreserved	B	10	10	5.2	Y	Absent		A2-FILTERMET(1)
L1808807-07E	Amber 1000ml unpreserved	B	10	10	5.2	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1808807-07F	Amber 1000ml unpreserved	B	10	10	5.2	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1808807-07X	Plastic 250ml HNO3 preserved Filtrates	B	NA		5.2	Y	Absent		PB-6020S-PPB(180),AG-6020S-PPB(180),BE-6020S-PPB(180),TL-6020S-PPB(180),HG-S-PPB(28),ZN-6020S-PPB(180),CD-6020S-PPB(180),CO-6020S-PPB(180),CU-6020S-PPB(180),AS-6020S-PPB(180),CR-6020S-PPB(180),SB-6020S-PPB(180),BA-6020S-PPB(180),V-6020S-PPB(180),MO-6020S-PPB(180),NI-6020S-PPB(180),SE-6020S-PPB(180)
L1808807-08A	Vial HCl preserved	B	NA		5.2	Y	Absent		8260(14)

*Values in parentheses indicate holding time in days

Project Name: TETRA TECH ISS
Project Number: 10017

Lab Number: L1808807
Report Date: 03/22/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1808807-08B	Vial HCl preserved	B	NA		5.2	Y	Absent		8260(14)
L1808807-08C	Vial HCl preserved	B	NA		5.2	Y	Absent		8260(14)
L1808807-08D	Plastic 250ml unpreserved	B	10	10	5.2	Y	Absent		A2-FILTERMET(1)
L1808807-08E	Amber 1000ml unpreserved	B	10	10	5.2	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1808807-08F	Amber 1000ml unpreserved	B	10	10	5.2	Y	Absent		PAHTCL-SIM(7),PCB-8082(7)
L1808807-08X	Plastic 250ml HNO3 preserved Filtrates	B	NA		5.2	Y	Absent		PB-6020S-PPB(180),AG-6020S-PPB(180),BE-6020S-PPB(180),TL-6020S-PPB(180),HG-S-PPB(28),ZN-6020S-PPB(180),CD-6020S-PPB(180),CO-6020S-PPB(180),CU-6020S-PPB(180),AS-6020S-PPB(180),CR-6020S-PPB(180),SB-6020S-PPB(180),BA-6020S-PPB(180),V-6020S-PPB(180),MO-6020S-PPB(180),NI-6020S-PPB(180),SE-6020S-PPB(180)

*Values in parentheses indicate holding time in days

Project Name:	TETRA TECH ISS	**Lab Number:**	L1808807
Project Number:	10017	**Report Date:**	03/22/18

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report with 'J' Qualifiers

Project Name:	TETRA TECH ISS	**Lab Number:**	L1808807
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Data Qualifiers

projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	TETRA TECH ISS	**Lab Number:**	L1808807
Project Number:	10017	**Report Date:**	03/22/18

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE ____ OF ____

Date Rec'd in Lab: 03/15/18

ALPHA Job #: L1808607

ALPHA ANALYTICAL
8 Walkup Drive, Westboro, MA 01581, Tel: 508-898-9220
320 Forbes Blvd, Mansfield, MA 02048, Tel: 508-822-9300

Client Information

Client: Amine Dahmani (SESI)
Address: 12A Maple Avenue, Pine Brook, NJ, 07085
Phone: 973-808-9075
Email: ad@SESI.org

Additional Project Information:

Project Information

Project Name: TetraTech ISS
Project Location: Middle River, MD
Project #: 10017
Project Manager: Amine Dahmani
ALPHA Quote #: 4965

Turn-Around Time

☐ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: 03/22/18

Report Information - Data Deliverables

☐ ADEx ☑ EMAIL

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements & Project Information Requirements

☐ Yes ☐ No MA MCP Analytical Methods ☐ Yes ☐ No CT RCP Analytical Methods
☐ Yes ☐ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☐ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☐ No NPDES RGP
☐ Other State /Fed Program ____ Criteria ____

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	VOC: ☐ 8260 ☐ 624 ☐ 524.2	SVOC: ☐ ABN ☑ PAH	METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15	METALS: ☐ RCRA5 ☐ RCRA8 ☐ PP13	EPH: ☐ Ranges & Targets ☐ Ranges Only	VPH: ☐ Ranges & Targets ☐ Ranges Only	☐ PCB ☐ PEST	TPH: ☐ Quant Only ☐ Fingerprint	SAMPLE INFO (Filtration ☐ Field ☐ Lab to do; Preservation ☐ Lab to do)	Sample Comments	TOTAL # BOTTLES
08607-01	1A-10%-OC-D	3/14/18	3:45pm	W	AD	✓	✓	✓			✓				* TAL to include TPH3, BA, Co, Mo and V (dissolved)	
02	1A-10%-OC	"	"	W	"	✓	✓	✓			✓					
03	1A-10%-PC/LKD-OC	"	"	W	"	✓	✓	✓			✓					
04	1A-10%-PC/LKD-OC-D	"	"	W	"	✓	✓	✓			✓					
05	1A-13%-PC/LKD-OC-D	"	"	W	"	✓	✓	✓			✓					
06	1A-13%-PC/LKD-OC	"	"	W	"	✓	✓	✓			✓					
07	4B-5%-OC	"	"	W	"	✓	✓	✓			✓					
08	4B-13%-PC/LKD-OC-D	"	"	W	"	✓	✓	✓			✓					
						Container Type	✓	A		P			A			
						Preservative										

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H= $Na_2S_2O_3$
I= Ascorbic Acid
J= NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
Amine Dahmani	03/15/18 1200	[illegible]	3/15/18 1300
	3/15/18 1755	Romuald Matt	3/15/18 17:35

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

Appendix D

Atterberg Limits Test Results

SESI #10017
Tetra Tech ISS
LABORATORY TESTING DATA SUMMARY

BORING NO.	SAMPLE NO.	DEPTH (ft)	IDENTIFICATION TESTS					REMARKS
			WATER CONTENT (%)	LIQUID LIMIT (-)	PLASTIC LIMIT (-)	PLASTICITY INDEX (-)	USCS SYMB. (1)	
ISS	1A		20.6	20	14	6	CL-ML	
ISS	4B		18.6	36	18	18	CL	

Note: (1) USCS symbol based on visual observation and Atterberg limits reported.

APPENDIX L—*SITEWISE*™ INFORMATION

Appendix L – Environmental Footprint Evaluation, Block E Remedial Action Plan

Prepared for:

Lockheed Martin Corporation

Prepared by:

Tetra Tech, Inc.

December 2018



Michael Martin, P.G.
Regional Manager



Megan Ved
Project Engineer

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Section 1
Introduction

This Environmental Footprint Evaluation of remedial alternatives is provided as an Appendix to the Remedial Action Plan (RAP) for Block E, located at Middle River Complex in Middle River, MD. The purpose of the footprint evaluation is to assess the environmental impacts of the four remedial alternatives using the metrics of greenhouse gas (GHG) and criteria pollutant emissions, energy use, water consumption, and worker safety. The results of this footprint evaluation are intended to provide additional information for consideration during remedy selection, design, and to enhance the understanding of the environmental impacts throughout the remedy life-cycle for each of the proposed alternatives.

1.1 Policy Background

The environmental footprint evaluation was performed in accordance with Lockheed Martin Remedy Selection Process Manual.

Applying optimization concepts with an environmental footprint evaluation within the remedy selection and design phases allows for the following benefits:

- Determining factors in each remedial alternative with the greatest environmental impacts and gathering insight into how to reduce these impacts;
- Evaluating remedial alternatives with optimized or reduced environmental footprints in conjunction with other selection criteria;
- Designing and implementing a more robust remedy while balancing the impact to the environment; and
- Ensuring efficient, cost-effective and sustainable site closeout.

1.2 Evaluation Tools

This evaluation was performed using a hybrid model of the Navy's SiteWise™ tool supplemented with Tetra Tech developed model as appropriate for some site-specific items.

SiteWise™ is a life-cycle footprint assessment tool developed jointly by the U.S. Navy, U.S. Army Corps of Engineers (USACE), and Battelle. SiteWise™ assesses the environmental footprint of a remedial alternative/technology using a consistent set of metrics. The assessment is conducted using a building block approach, where each remedial alternative is first broken down into modules that follow the phases for most remedial actions, including remedial investigation (RI), remedial action construction (RA-C), remedial action operation (RA-O), and long-term monitoring (LTM). Once broken down by remedial phase, the footprint of each phase is calculated. The phase-specific footprints are then combined to estimate the overall footprint of the remedial alternative. This building block approach reduces redundancy in the footprint assessment and facilitates the identification of specific impact drivers that contribute to the environmental footprint. The inputs that need to be considered include (1) production of material required by the activity; (2) transportation of the required materials to the site, transportation of personnel; (3) all site activities to be performed; and (4) management of the waste produced by the activity.

GSRx builds off of SiteWise™ and allows for a flexible, detailed analysis, particularly for materials and equipment use. GSRx was used to account for materials and activities not readily input into SiteWise™ and where equipment usage assumptions built into SiteWise™ were not consistent with site-specific requirements.

1.3 Environmental Footprint Evaluation Framework and Limitations

The environmental footprint evaluation performed for the Block E RAP considered life-cycle quantitative metrics for global warming potential (through greenhouse gas emissions), criteria air pollutant emissions (through nitrogen oxides [NOx], sulfur oxides [SOx] and particulate matter [PM10] emissions), energy consumption, water usage, and worker safety.

Life cycle impacts were calculated for energy consumption, emissions of GHG (carbon dioxide [CO2], methane [CH4], and nitrous oxide [N2O]) and criteria pollutants (NOX, SOX and PM10), water usage, and energy consumption, and worker safety.

Life cycle inventory inputs in SiteWise™ were divided into four categories – 1) materials production; 2) transportation of personnel, materials and equipment; 3) equipment use and

miscellaneous; and 4) residual handling and disposal. Cost estimates from the RI/RAP and design calculations were used as a basis for inventory quantities and related assumptions. Emission factors, energy consumption, and water usage data were correlated to material quantities, equipment, transportation distances, and installation time frames in order to calculate life-cycle emissions, energy consumption, water usage, and worker safety. Default SiteWise™ emission, energy usage, water consumption, and worker fatality and accident risk factors were utilized.

Although GSRx was used to minimize limitations resulting within SiteWise™, elimination of all limitations was not possible while using a hybrid model of SiteWise™ and GSRx. For example, several materials and construction equipment inventoried were input into GSRx and these impacts were incorporated into SiteWise™ within the "Equipment Use and Miscellaneous" sector. This sector in SiteWise™ does not differentiate into the specific equipment usage or material consumption items that are input in GSRx, but rather are considered miscellaneous items. However, impact drivers for items input in GSRx can be identified and evaluated directly within the respective GSRx evaluation and output summary sheets. In addition, worker safety results in general do not include worker safety related to equipment usage that was input within GSRx because GSRx was not developed to evaluate worker safety.

Section 2
Evaluation Results

The following are the alternatives that were analyzed with SiteWise™ and GSRx for the Block E RAP:

For all alternatives, soil with PCB concentrations greater than 50 mg/kg are assumed to be landfilled rather than incinerated. Landfilling is assumed because of lower costs associated with landfilling compared to incineration. Incineration is an acceptable method of disposal and can be used if landfill space is limited.

- ***Alternative 3:*** This alternative would remove soils in the top 2 feet having Total PCB concentrations greater than 25 mg/kg and subsurface soils having Total PCB concentrations greater than 100 mg/kg. Prior to subsurface excavation, the saturated zone will be dewatered, and the extracted groundwater treated prior to discharge. Following excavation, clean soil would be placed and compacted. This alternative would require institutional controls for soils that remain on-site and for groundwater.
- ***Alternative 4:*** This alternative would remove soils in the top 2 feet having Total PCB concentrations greater than 25 mg/kg and subsurface soils having Total PCB concentrations greater than 100 mg/kg using a large-diameter auger. Free water in subsurface soil from the saturated zone will be allowed to drain, then collected, treated, and discharged. Following excavation of the surface soil, clean soil would be placed and compacted. Augered excavations would be filled with a high cement content flowable fill. Note that in order to remove all of the targeted impacted soil, a portion of the previously backfill borings will be removed and disposed of. This alternative would require institutional controls for soils that remain on-site, and for groundwater.
- ***Alternative 7:*** This alternative would remove or treat soils in the top 2 feet having Total PCB concentrations greater than 25 mg/kg and subsurface soils having Total PCB concentrations greater than 100 mg/kg. Subsurface soil would be heated to a temperature of 350 degrees Celsius (°C) or higher using conductive heating. The soils would be heated using high temperature heater wells and a vacuum applied through a soil-vapor extraction

system. The off-gas vapors would be processed through a vapor treatment system consisting of a compression, cooling, and condensation system that will condense the vapors. A sheet piling barrier around each treatment area is required to dewater the area and to minimize inflow of water to maintain the high temperature. The liquid produced will be properly disposed of. Following excavation, clean soil would be placed and compacted. This alternative would require institutional controls for soils that remain on-site and for groundwater.

- ***Alternative 8:*** This alternative does not include a point-by-point removal and treatment of all soils with PCB concentrations greater than PRGs; it would, however, remove and treat soils in the top 2 feet having Total PCB concentrations greater than 25 mg/kg and subsurface soils having Total PCB concentrations greater than 100 mg/kg. After excavation, similar to Alternative 3, impacted soils would be treated on-site in an indirect-fired thermal desorption system. Recovered PCBs would be disposed of off-site at an in incinerator. Treated soil would be used as backfill in the surface and subsurface soil excavations. Following excavation, treated soil would be placed and compacted. This alternative would require institutional controls for soils that remain on-site and for groundwater.

The following sections summarize the relative environmental impacts and primary impact drivers for the four alternatives and their respective metrics. The environmental impacts of the alternatives analyzed are summarized quantitatively in Table L-1.

2.1 Greenhouse Gas Emissions

Emissions of CO2, CH4, and N2O were normalized to CO2 equivalents (CO2e), which is a cumulative method of weighing GHG emissions relative to global warming potential. Figure L1 shows the overall GHG emissions of each of the alternatives analyzed; the x-axis represents the three alternatives evaluated and the y-axis represents the GHG emissions in metric ton of CO2e. Figure L2 shows the breakdown of the percentage that each of the main activities of each alternative (x-axis) contributes to the GHG emissions (y-axis).

The total amount of GHG emissions released to the atmosphere resulting from the activities during Alternative 3 is 2,511 metric ton of CO2e. Approximately 79.5 percent of the greenhouse gas emissions from Alternative 3 result from equipment use and miscellaneous (which includes materials production and consumables evaluated in the GSRx model), 19.6 percent from residual

handling, 0.3 percent from transportation of equipment, and 0.6 percent from transportation of personnel.

The total amount of GHG emissions released to the atmosphere resulting from the activities during Alternative 4 is 3,237 metric ton of CO2e. Approximately 46.0 percent of the greenhouse gas emissions from Alternative 4 result from residual handling, 53.2 percent from equipment use and miscellaneous (which includes materials production and consumables evaluated in the GSRx model), 0.5 percent from transportation of personnel, and 0.3 percent from transportation of equipment.

The total amount of GHG emissions released to the atmosphere resulting from the activities during Alternative 7 is 5,919 metric ton of CO2e. Approximately 87.7 percent of the greenhouse gas emissions from Alternative 7 result from equipment use and miscellaneous (which includes materials production and consumables evaluated in the GSRx model), 11.4 percent from residual handling, 0.8 percent from transportation of personnel, and 0.1 percent from transportation of equipment.

The total amount of GHG emissions released to the atmosphere resulting from the activities during Alternative 8 is 3,579 metric ton of CO2e. Approximately 93.5 percent of the greenhouse gas emissions from Alternative 7 result from equipment use and miscellaneous (which includes materials production and consumables evaluated in the GSRx model), 6.0 percent from residual handling, 0.5 percent from transportation of personnel, and 0.5 percent from transportation of equipment.

2.2 Criteria Pollutant Emissions

The criteria pollutant emissions evaluated during this environmental footprint evaluation for the Block E alternatives include nitrogen oxides (NO_x), sulfur oxides (SO_x), and 10 micrometer particulate matter (PM_{10}). These three pollutants are included on the list of National Ambient Air Quality Standards for pollutants that are considered harmful to public health and the environment.

2.2.1 NO_X

Figure L3 shows the breakdown of the NO_X emissions for the three alternatives evaluated. The x–axis of this figure represents the three alternatives evaluated; the y-axis represents the NO_X

emissions in metric ton. Figure L4 shows the percentage contribution from each of the main activity sectors.

The total amount of NO_X released to the atmosphere resulting from the activities during Alternative 3 is 2.92 metric ton of NO_X. Approximately 73.3 percent of the NO_X from Alternative 3 result from equipment use and miscellaneous (which includes materials production and consumables evaluated in the GSRx model), 26.4 percent from residual handling, 0.2 percent from transportation of personnel, and 0.1 percent from transportation of equipment.

The total amount of NO_X released to the atmosphere resulting from the activities during Alternative 4 is 4.59 metric ton of NO_X. Approximately 39.7 percent of the NO_X from Alternative 4 result from equipment use and miscellaneous (which includes materials production and consumables evaluated in the GSRx model), 60.1 percent from residual handling, 0.1 percent from transportation of personnel, and 0.0 percent from transportation of equipment.

The total amount of NO_X released to the atmosphere resulting from the activities during Alternative 7 is 7.60 metric ton of NO_X. Approximately 88.8 percent of the NO_X from Alternative 7 result from equipment use and miscellaneous (which includes materials production and consumables evaluated in the GSRx model), 10.9 percent from residual handling, 0.2 percent from transportation of personnel, and 0.0 percent from transportation of equipment.

The total amount of NO_X released to the atmosphere resulting from the activities during Alternative 8 is 6.03 metric ton of NO_X. Approximately 93.0 percent of the NO_X from Alternative 4 result from equipment use and miscellaneous (which includes materials production and consumables evaluated in the GSRx model), 6.8 percent from residual handling, 0.1 percent from transportation of personnel, and 0.1 percent from transportation of equipment.

2.2.2 SO_X

Figure L5 shows the distribution of the SO_X emissions resulting for the activities related to the three alternatives evaluated. The x–axis of this figure represents the three alternatives evaluated; the y-axis represents the SO_X emissions in metric ton. Figure L6 shows the percentage contribution from each of the main activity sectors.

The total amount of SO_X released to the atmosphere resulting from the activities during Alternative 3 is 0.968 metric ton of SO_X. Approximately 63.4 percent of the SO_X from Alternative 3 result from

equipment use and miscellaneous (which includes materials production and consumables evaluated in the GSRx model), and 36.5 percent from residual handling.

The total amount of SO_X released to the atmosphere resulting from the activities during Alternative 4 is 1.75 metric ton of SO_X. Approximately 27.1 percent of the SO_X from Alternative 4 result from equipment use and miscellaneous (which includes materials production and consumables evaluated in the GSRx model), and 72.9 percent from residual handling.

The total amount of SO_X released to the atmosphere resulting from the activities during Alternative 7 is 25.1 metric ton of SO_X. Approximately 98.6 percent of the SO_X from Alternative 7 result from equipment use and miscellaneous (which includes materials production and consumables evaluated in the GSRx model), and 1.4 percent from residual handling.

The total amount of SO_X released to the atmosphere resulting from the activities during Alternative 8 is 12.7 metric ton of SO_X. Approximately 98.5 percent of the SO_X from Alternative 8 result from equipment use and miscellaneous (which includes materials production and consumables evaluated in the GSRx model), and 1.5 percent from residual handling.

2.2.3 PM_{10}

The breakdown of the distribution of the PM_{10} emissions resulting from the activities involved in the Alternatives is shown in Figure L7. The x-axis of this figure represents the four Alternatives evaluated, while the y-axis represents the PM_{10} emissions in metric ton. Figure L8 shows the percentage of PM_{10} emissions contributed by each of the activity sectors per alternative.

The total amount of PM_{10} released to the atmosphere resulting from the activities during Alternative 3 is 2.02 metric ton of PM_{10}. Approximately 92.8 percent of the PM_{10} from Alternative 3 result from residual handling, 7.1 percent from equipment use and miscellaneous, and 0.1 percent from transportation of personnel.

The total amount of PM_{10} released to the atmosphere resulting from the activities during Alternative 4 is 6.84 metric ton of PM_{10}. Approximately 98.3 percent of the PM_{10} from Alternative 4 result from residual handling, 1.7 percent from equipment use and miscellaneous, and 0.0 percent from transportation of personnel.

The total amount of PM_{10} released to the atmosphere resulting from the activities during Alternative 7 is 1.99 metric ton of PM_{10}. Approximately 94.2 percent of the PM_{10} from Alternative 7 result from residual handling, 5.7 percent from equipment use and miscellaneous, and 0.2 percent from transportation of personnel.

The total amount of PM_{10} released to the atmosphere resulting from the activities during Alternative 8 is 1.26 metric ton of PM_{10}. Approximately 81.7 percent of the PM_{10} from Alternative 8 result from residual handling, 18.1 percent from equipment use and miscellaneous, and 0.1 percent from transportation of personnel.

2.3 Energy Consumption

The energy consumption for each of the alternatives evaluated is shown in Figure L9. The x-axis shows the four alternatives evaluated, and the y-axis shows the amount of energy consumed in units of million British Thermal Units (MMBTU). Figure L10 shows the percentage breakdown contribution of energy consumption from the different activity groups.

The total amount of total energy consumed during the implementation of Alternative 3 is 164,000 MMBTU. Approximately 95.7 percent of the total energy from Alternative 3 result from equipment use and miscellaneous (which includes materials production and consumables evaluated in the GSRx model), 4.1 percent from residual handling, 0.1 percent from transportation of equipment, and 0.1 percent from transportation of personnel.

The total amount of total energy consumed during the implementation of Alternative 4 is 142,000 MMBTU. Approximately 81.6 percent of the total energy from Alternative 4 result from equipment use and miscellaneous (which includes materials production and consumables evaluated in the GSRx model), 18.2 percent from residual handling, 0.1 percent from transportation of equipment, and 0.1 percent from transportation of personnel.

The total amount of total energy consumed during the implementation of Alternative 7 is 186,000 MMBTU. Approximately 94.7 percent of the total energy from Alternative 7 result from equipment use and miscellaneous (which includes materials production and consumables evaluated in the GSRx model), 5.0 percent from residual handling, 0.0 percent from transportation of equipment, and 0.3 percent from transportation of personnel.

The total amount of total energy consumed during the implementation of Alternative 8 is 140,000 MMBTU. Approximately 97.7 percent of the total energy from Alternative 8 result from equipment use and miscellaneous (which includes materials production and consumables evaluated in the GSRx model), 2.0 percent from residual handling, 0.2 percent from transportation of equipment, and 0.2 percent from transportation of personnel.

2.4 Water Usage

The water consumption of the evaluated alternatives is shown in Figure L11. The x-axis shows the four evaluated alternatives, and the y-axis show the amount of water consumed in thousands of gallons. Figure L12 has a representation of the percentage breakdown of the contribution of the different sectors of the water use through the lifetime of the alternatives.

The total amount of water use resulting from the activities during Alternative 3 is 12,000 gallons of water.

The total amount of water use resulting from the activities during Alternative 4 is 462,000 gallons of water.

The total amount of water use resulting from the activities during Alternative 7 is 3,490,000 gallons of water.

The total amount of water use resulting from the activities during Alternative 8 is 1,690,000 gallons of water.

One hundred percent of the water used during all three alternatives is a result of “equipment use and miscellaneous”, which includes consumables during the implementation of the alternatives.

2.5 Accident Risk Fatality

Figure L13 shows the risk of fatality between the evaluated alternatives. The x-axis represents the four alternatives evaluated, and the y-axis represents the risk of fatality.

For Alternatives 3, 4, 7, and 8, the activity with the highest risk of fatality is the residual handling operations, followed by transportation of personnel

2.6 Accident Risk Injury

Figure L14 shows the risk of injury between the evaluated alternatives. The x-axis represents the four alternatives evaluated, and the y-axis represents the risk of injury.

For Alternatives 3, 4 and 7, the activity with the highest risk of injury is the residual handling operations, followed by the equipment use.

For Alternative 8, the activity with the highest risk of injury is equipment use, followed by transportation of personnel and residual handling.

Table L-1
Environmental Footprint Evaluation Results
LMC Block E RAP

Alternative	Activities	GHG Emissions	Total Energy Used	Water Impacts	NO_X Emissions	SO_X Emissions	PM_{10} Emissions	Accident Risk Fatality	Accident Risk Injury
		metric ton CO_2e	MMBTU	gallons	metric ton	metric ton	metric ton		
Alt 3	Materials Production	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	NA	NA
	Transportation-Personnel	14.406	181.199	NA	5.33E-03	1.88E-04	1.08E-03	2.95E-04	2.37E-02
	Transportation-Equipment	7.091	96.640	NA	2.28E-03	8.72E-05	1.87E-04	1.84E-05	1.48E-03
	Equpiment Use and Misc	1997.521	157390.487	12006.548	2.14E+00	6.14E-01	1.44E-01	1.48E-04	3.89E-02
	Residual Handling	492.319	6779.748	NA	7.72E-01	3.54E-01	1.87E+00	9.55E-04	7.69E-02
	Total	2511.337	164448.074	12006.548	2.923	0.968	2.015	0.001	0.141
Alt 4	Materials Production	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	NA	NA
	Transportation-Personnel	16.083	202.291	NA	5.95E-03	2.10E-04	1.21E-03	3.29E-04	2.65E-02
	Transportation-Equipment	11.242	153.028	NA	3.61E-03	1.36E-04	2.96E-04	2.86E-05	2.30E-03
	Equpiment Use and Misc	1489.069	116023.015	462006.548	1.82E+00	4.74E-01	1.18E-01	1.27E-04	3.37E-02
	Residual Handling	1721.675	25872.461	NA	2.76E+00	1.27E+00	6.72E+00	3.31E-03	2.66E-01
	Total	3238.069	142250.795	462006.548	4.594	1.745	6.844	0.004	0.329
Alt 7	Materials Production	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	NA	NA
	Transportation-Personnel	48.534	610.469	NA	1.80E-02	6.33E-04	3.64E-03	9.93E-04	7.99E-02
	Transportation-Equipment	5.471	74.432	NA	1.76E-03	6.57E-05	1.44E-04	1.42E-05	1.14E-03
	Equpiment Use and Misc	5192.516	175792.183	3490283.674	6.75E+00	2.47E+01	1.13E-01	1.26E-04	3.22E-02
	Residual Handling	671.982	9241.128	NA	8.30E-01	3.56E-01	1.87E+00	1.41E-03	1.14E-01
	Total	5918.503	185718.212	3490283.674	7.604	25.065	1.991	0.003	0.227
Alt 8	Materials Production	0.000	0.000	0.000	0.00E+00	0.00E+00	0.00E+00	NA	NA
	Transportation-Personnel	17.074	214.755	NA	6.32E-03	2.23E-04	1.28E-03	3.49E-04	2.81E-02
	Transportation-Equipment	16.510	225.676	NA	5.32E-03	2.11E-04	4.32E-04	4.23E-05	3.40E-03
	Equpiment Use and Misc	3330.693	137021.217	1693502.048	5.61E+00	1.25E+01	2.29E-01	1.72E-04	4.50E-02
	Residual Handling	214.708	2812.818	NA	4.08E-01	1.95E-01	1.03E+00	3.82E-04	3.08E-02
	Total	3578.984	140274.467	1693502.048	6.029	12.668	1.262	0.001	0.107

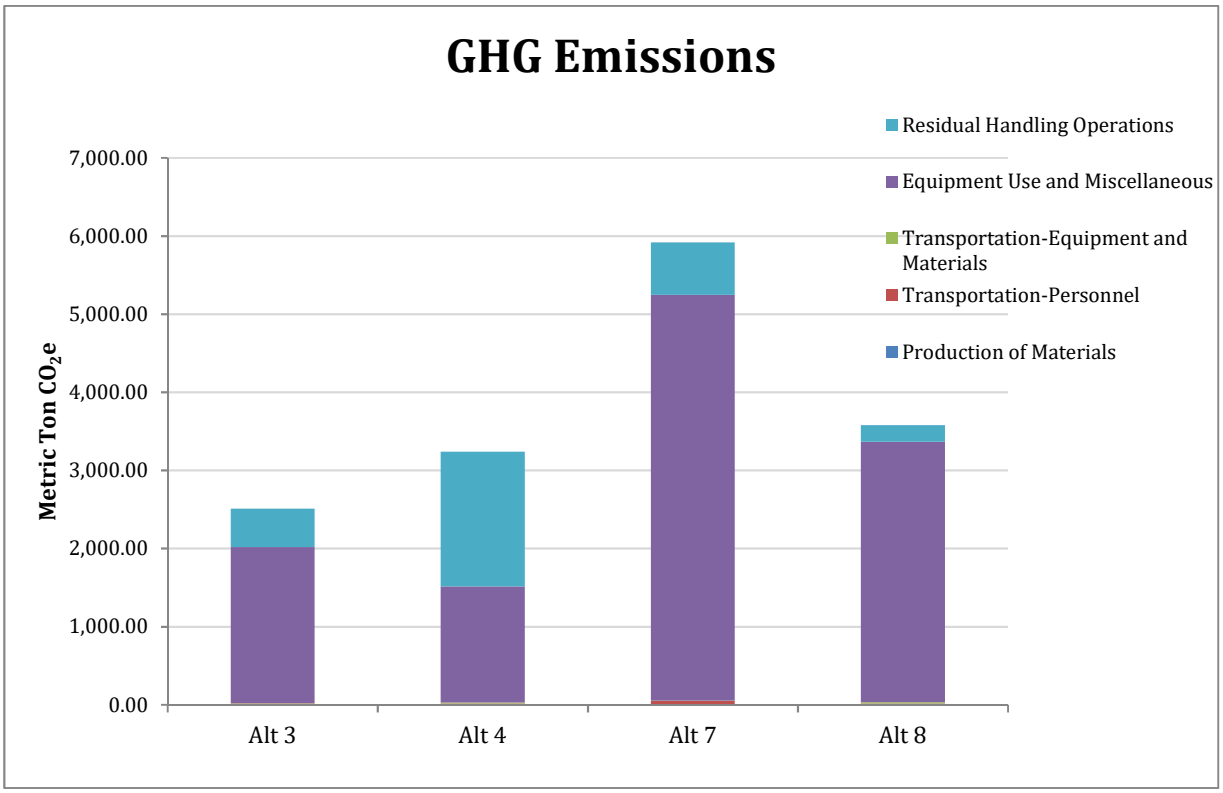


Figure L1: GHG Emissions for Alternatives at Block E, Middle River Complex

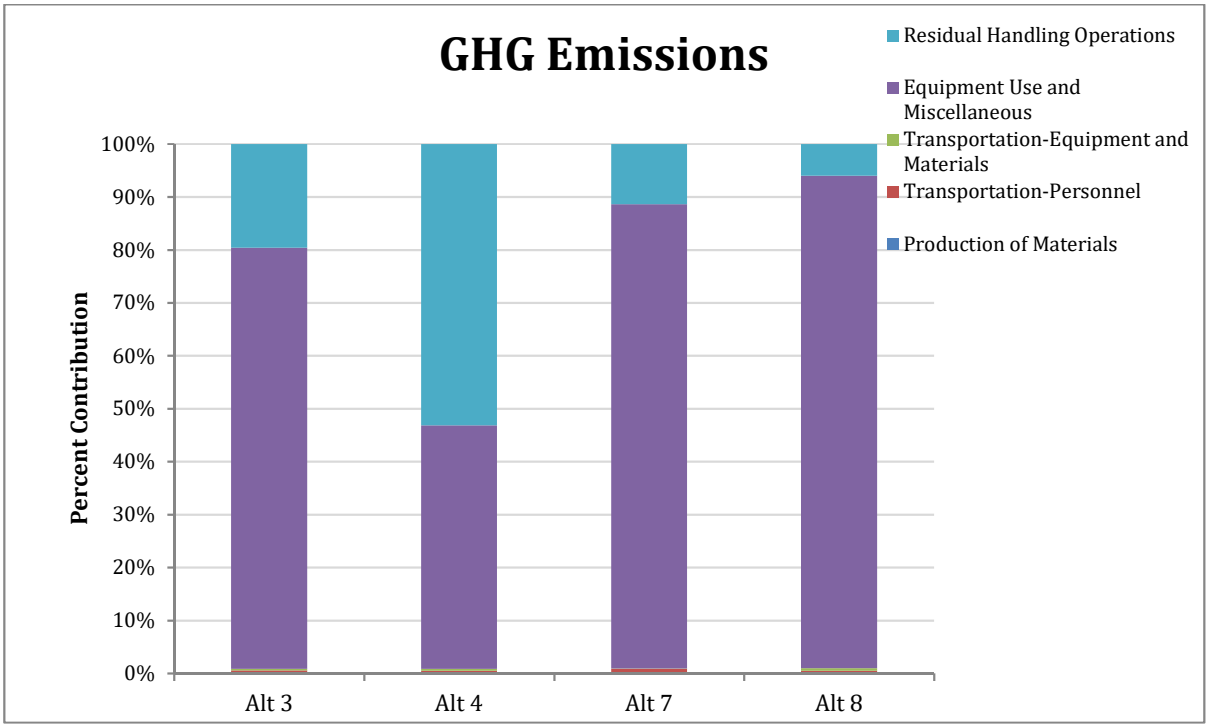


Figure L2: GHG Emissions Percentage Breakdown for Alternatives at Block E, Middle River Complex

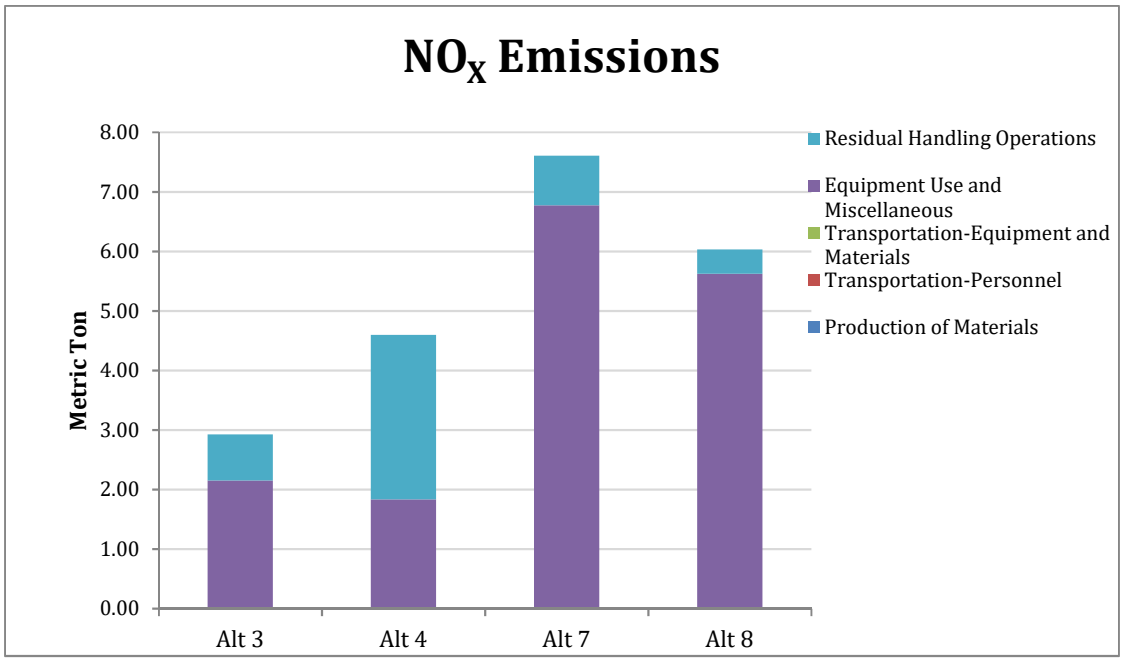


Figure L3 NO_X Emissions for Alternatives at Block E, Middle River Complex

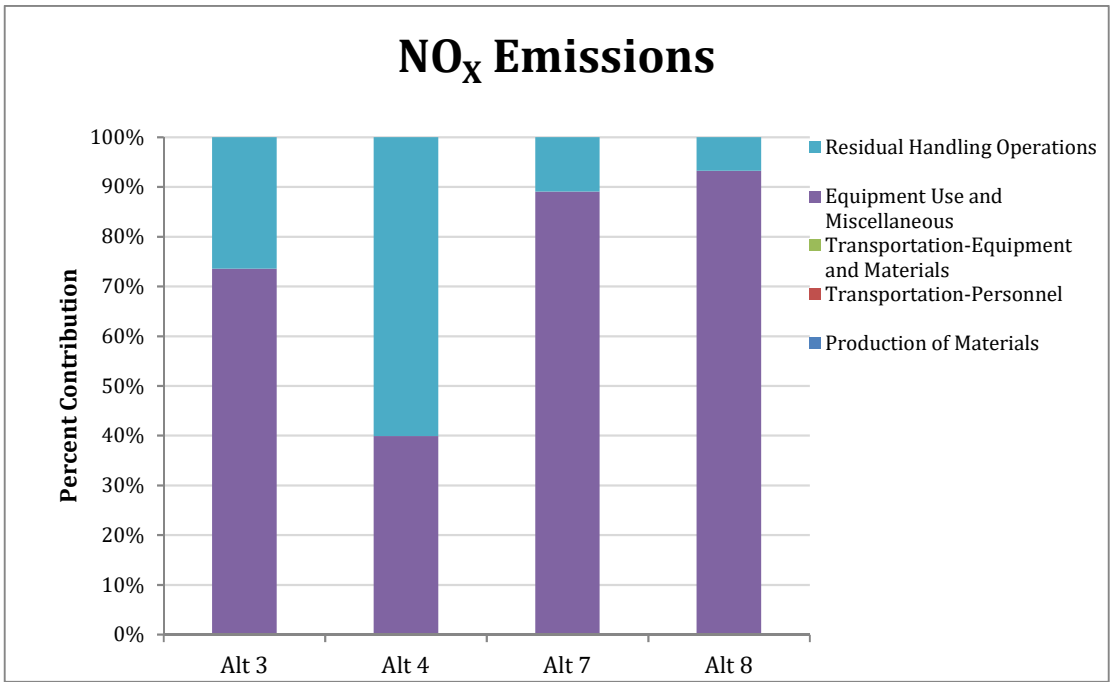


Figure L4: NO_X Emissions Percentage Breakdown for Alternatives at Block E, Middle River Complex

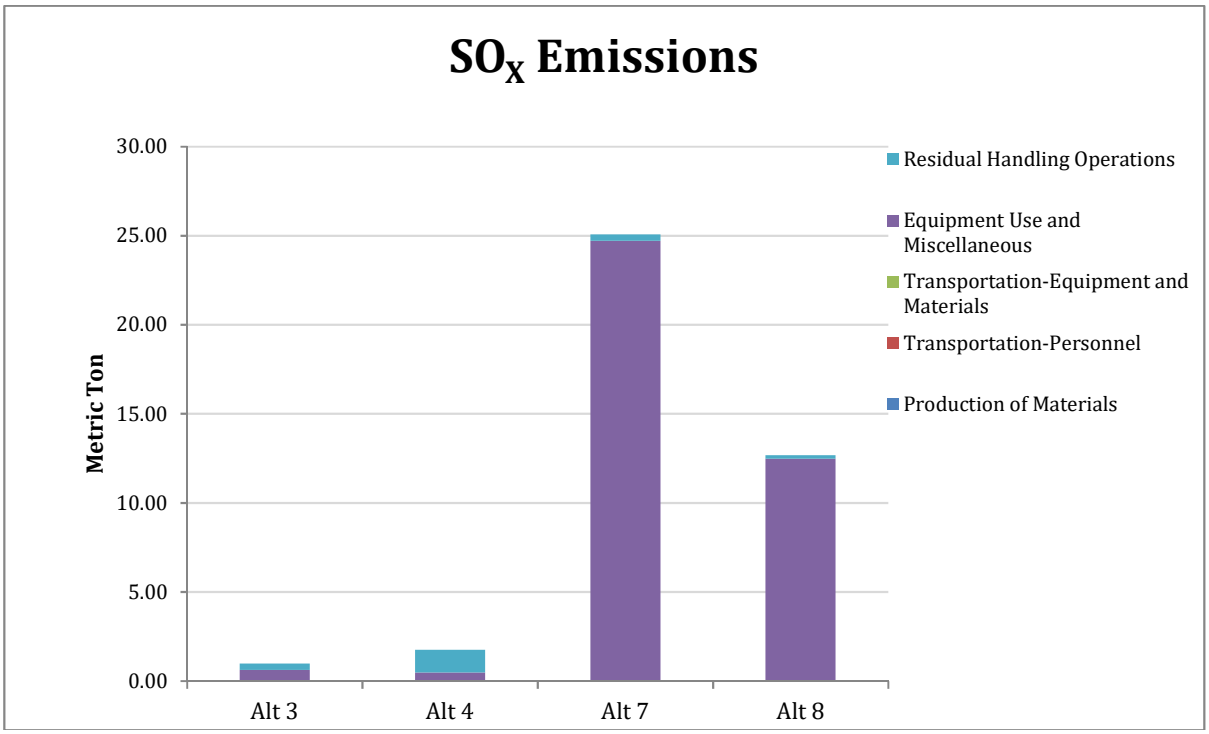


Figure L5: SO_X Emissions for Alternatives at Block E, Middle River Complex

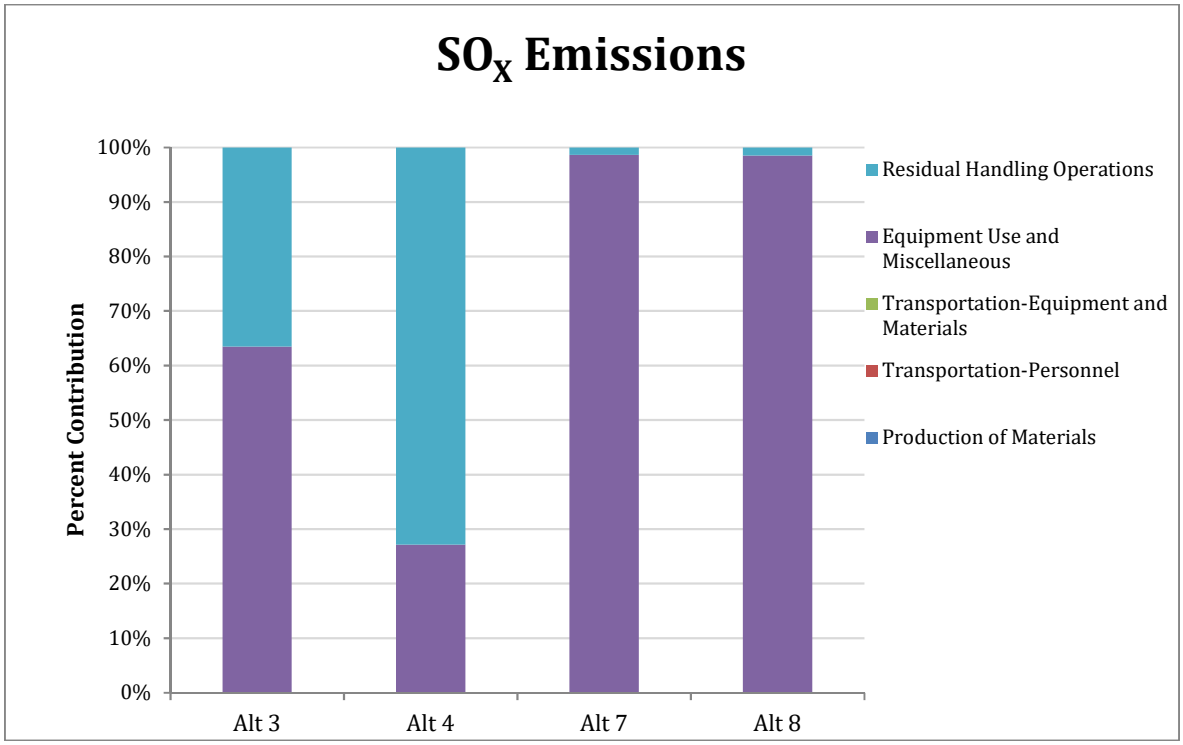


Figure L6: SO_X Emissions Percentage Breakdown for Alternatives at Block E, Middle River Complex

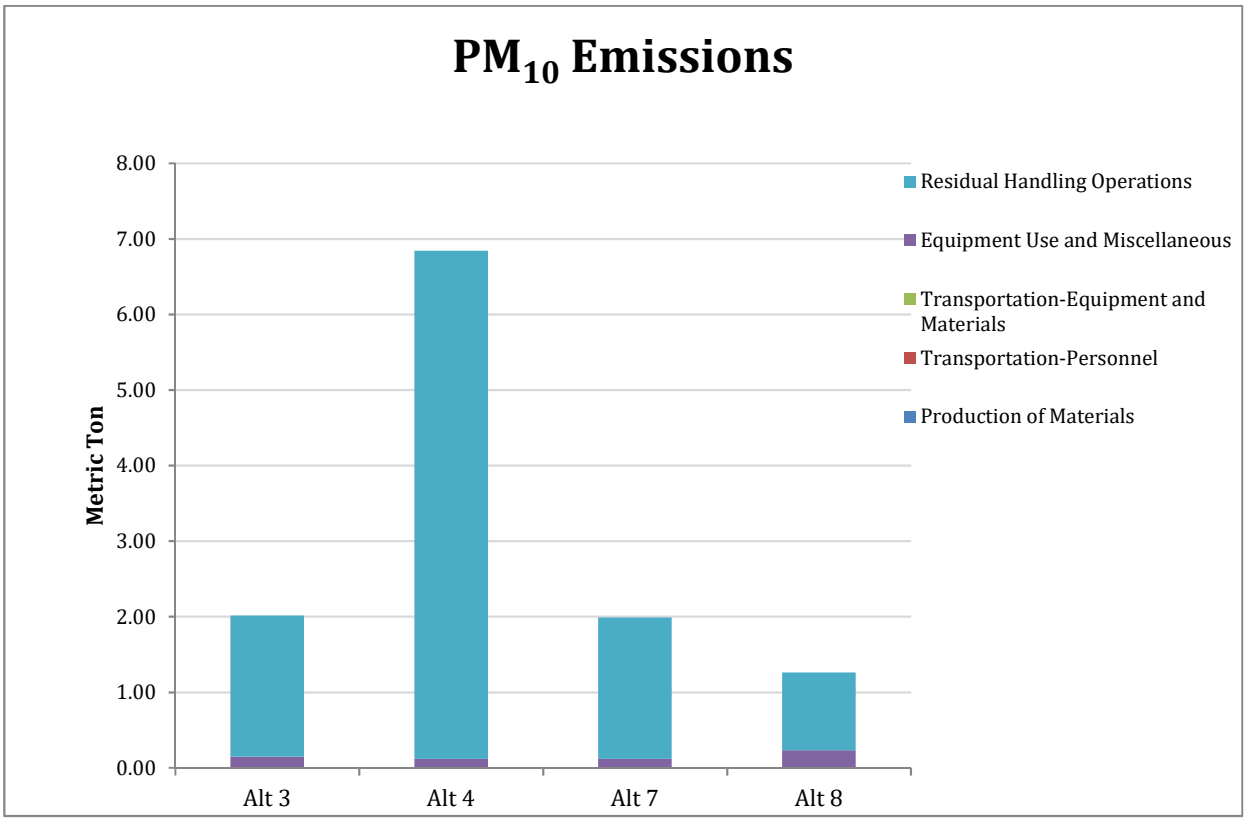


Figure L7: PM_{10} Emissions for Alternatives at Block E, Middle River Complex

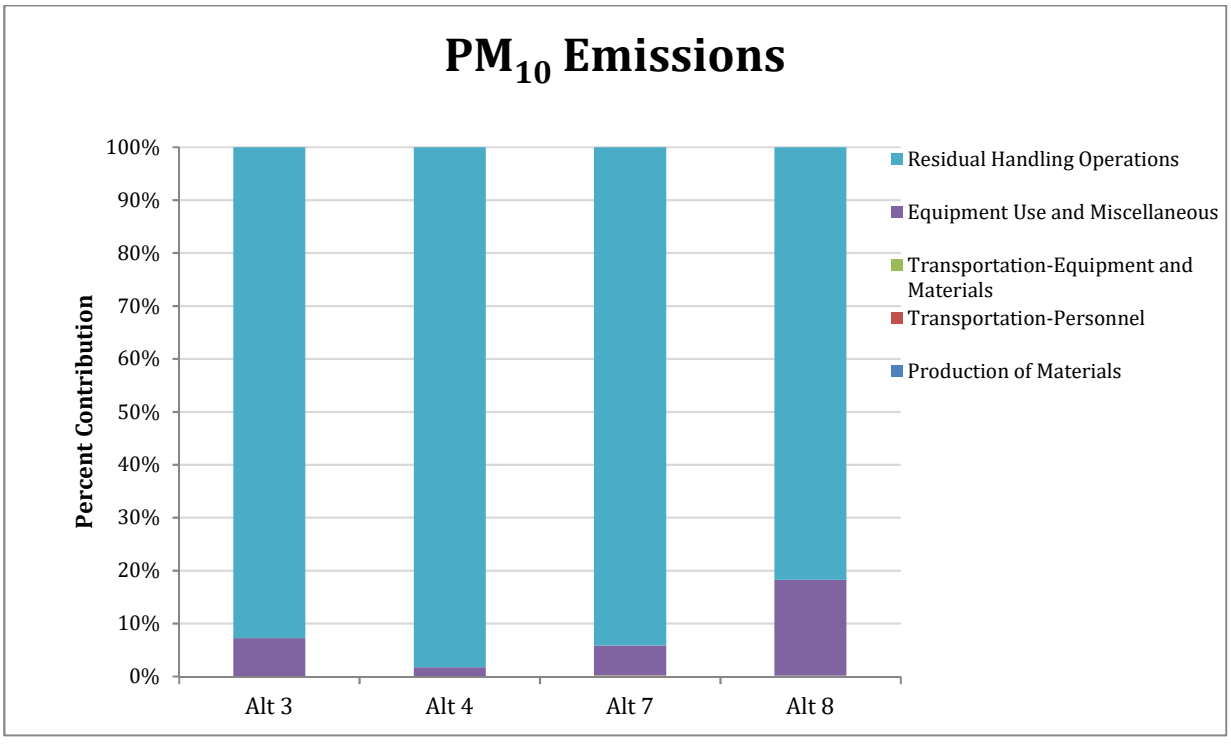


Figure L8: PM_{10} Emissions Percentage Breakdown for Alternatives at Block E, Middle River Complex

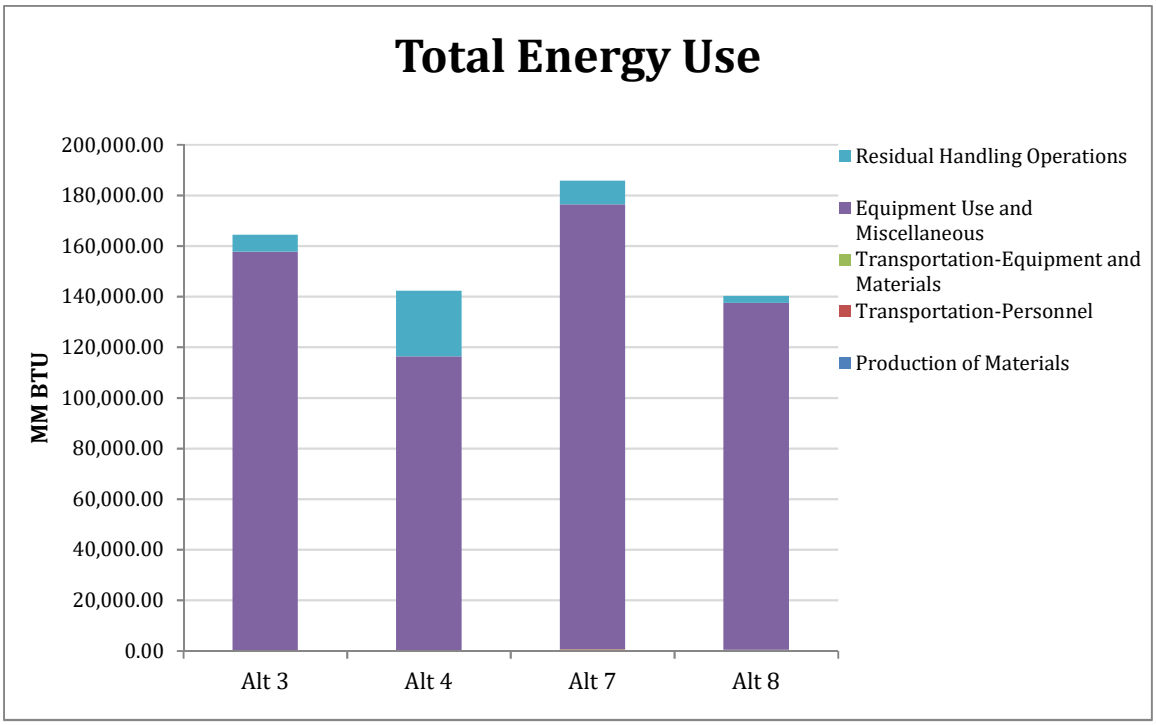


Figure L9: Energy Consumption for Alternatives at Block E, Middle River Complex

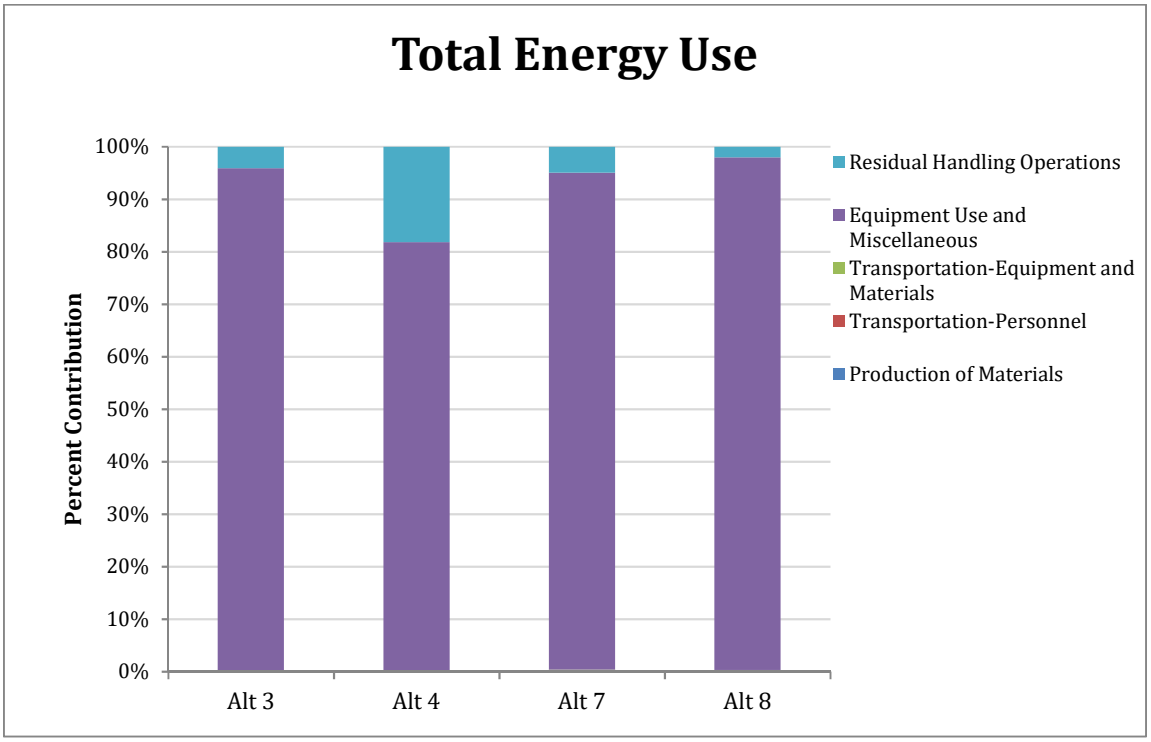


Figure L10: Energy Consumption Percentage Breakdown for Alternatives at Block E, Middle River Complex

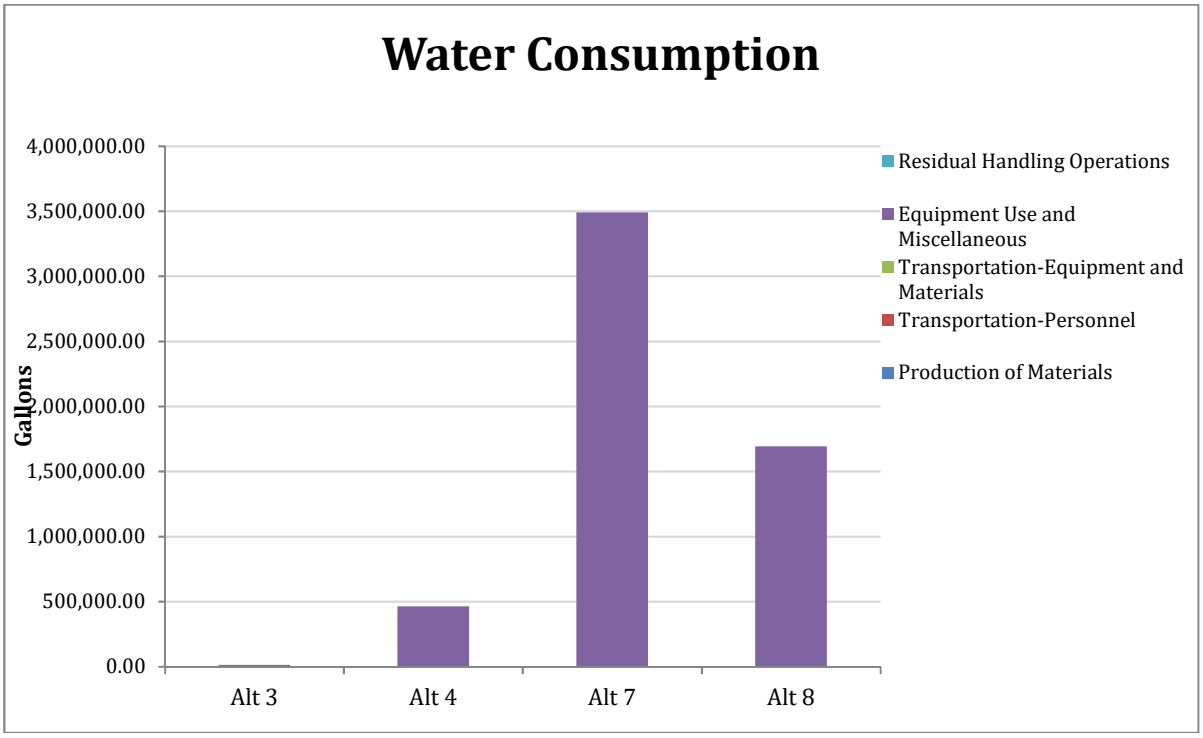


Figure L11: Water Consumption for Alternatives at Block E, Middle River Complex

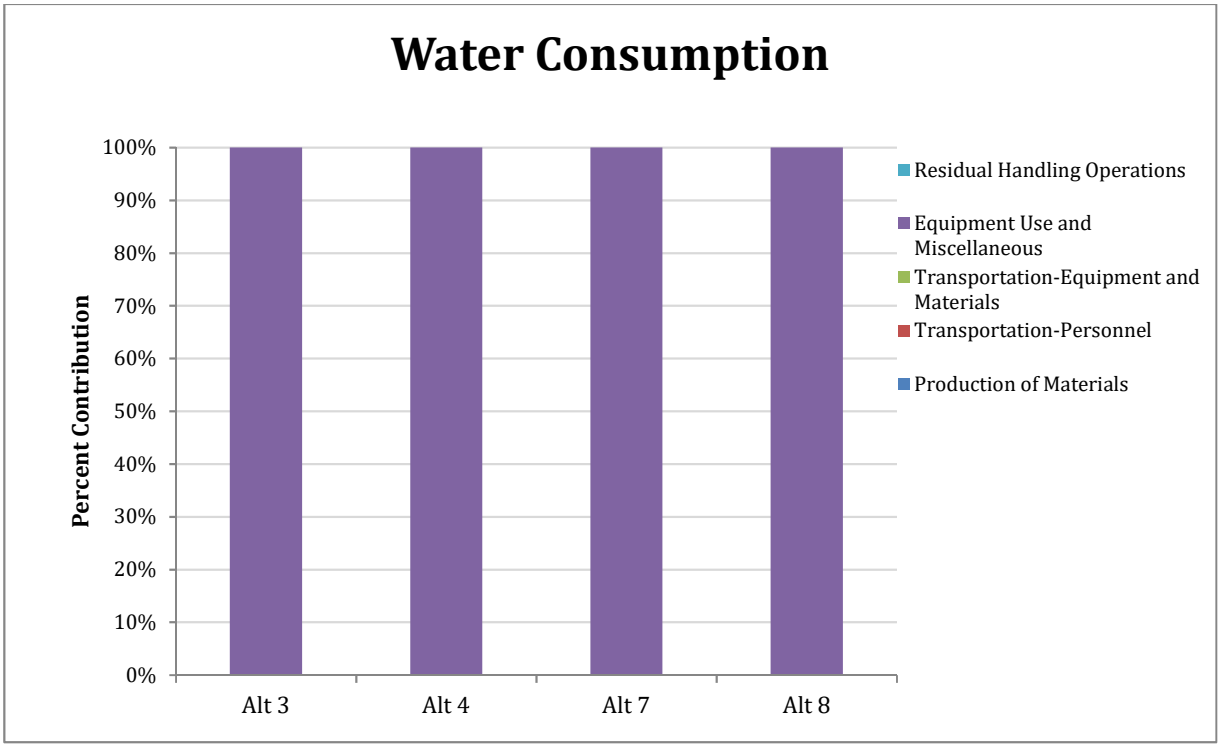


Figure L12: Water Consumption Percentage Breakdown for Alternatives at Block E, Middle River Complex

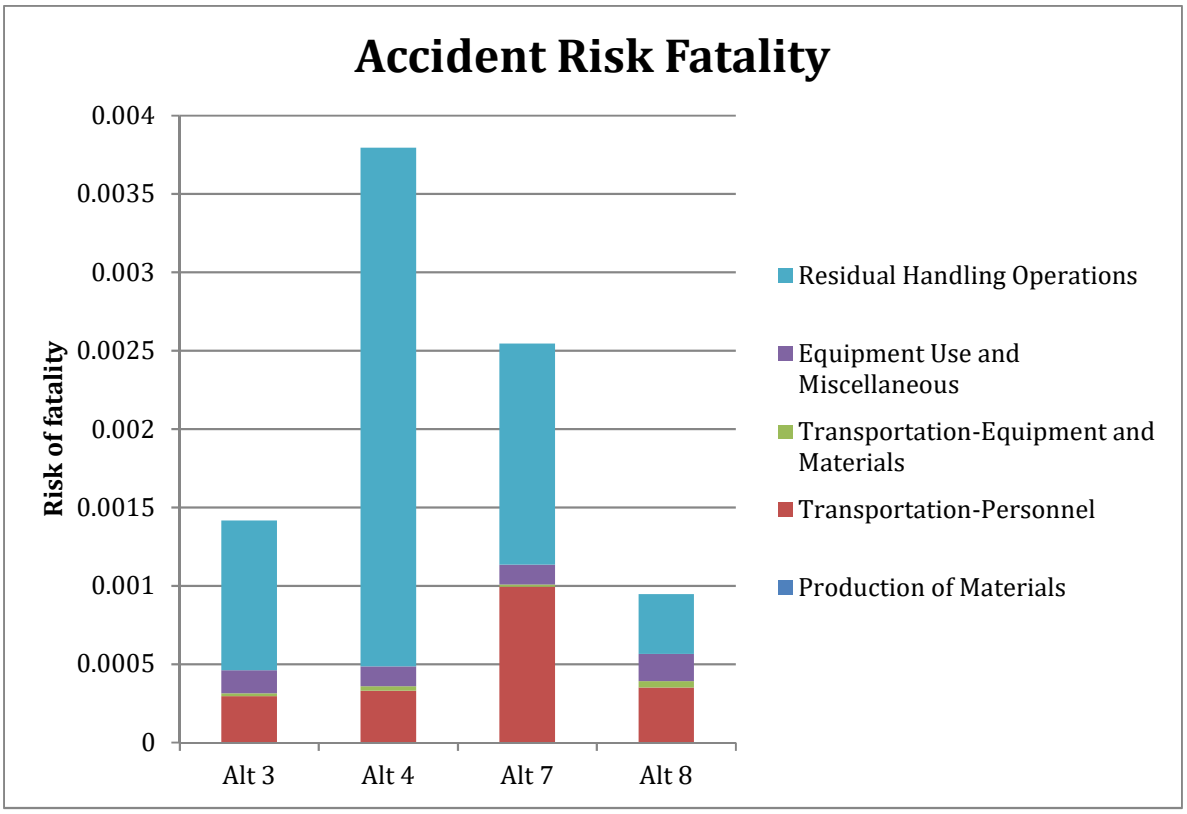


Figure L13: Risk of Fatality for Alternatives at Block E, Middle River Complex

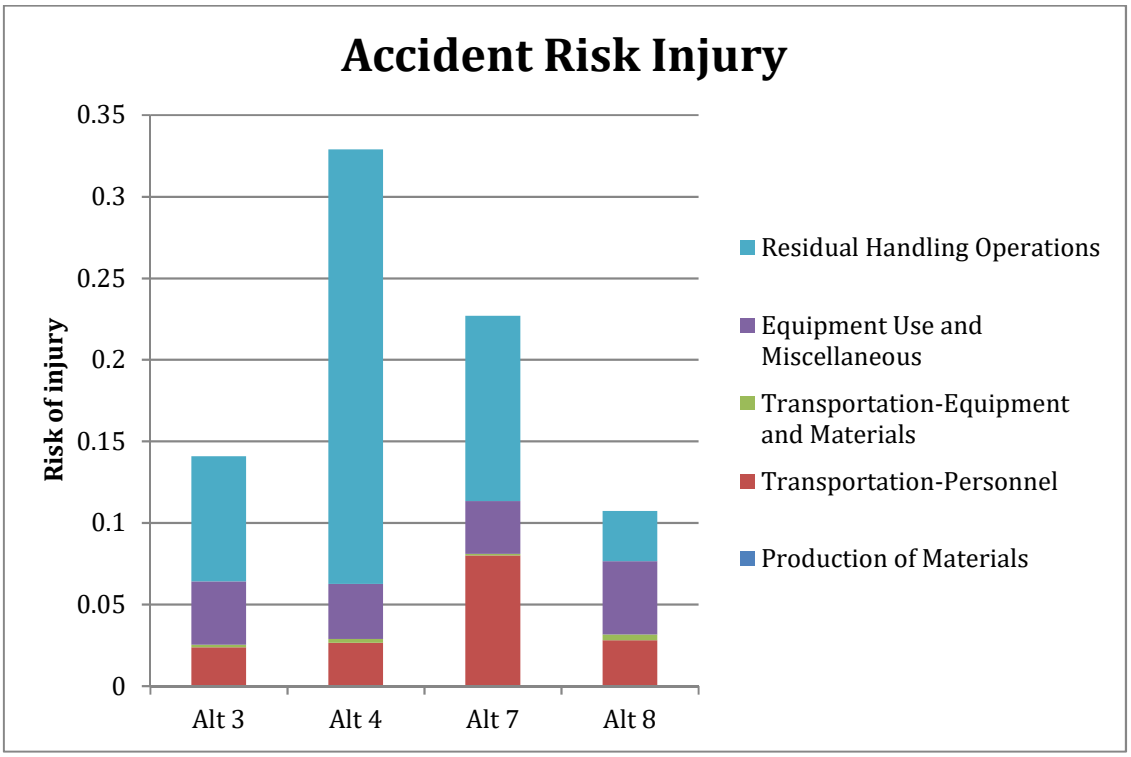


Figure L14: Risk of Injury for Alternatives at Block E, Middle River Complex

Section 3
Conclusions and Recommendations

During selection and design of the remedy, a sensitivity analysis considering elements of the remedy that have the greatest impact on remedy effectiveness, life-cycle cost, and environmental footprint metrics may provide additional insight into appropriate optimization. To aid in the sensitivity analysis, an impact analysis summary was created to qualitatively highlight the relative impact of respective metrics for the two alternatives and to identify the primary drivers of emissions, energy consumption, and water usage for each alternative (see Table L-2).

Figures L2, L4, L6, L8, L10 and L12 show the percentage breakdown of each of the sectors that take place during the remedial alternatives. In these graphs, it is easy to identify the sector whose contribution is largest from all other sectors to that impact category. An advantage to identifying where the large contributions are, the optimization process for lowering the environmental impacts is faster and could be more efficient.

Measures identified in the evaluation that may reduce the environmental footprint of the alternatives are listed below for consideration.

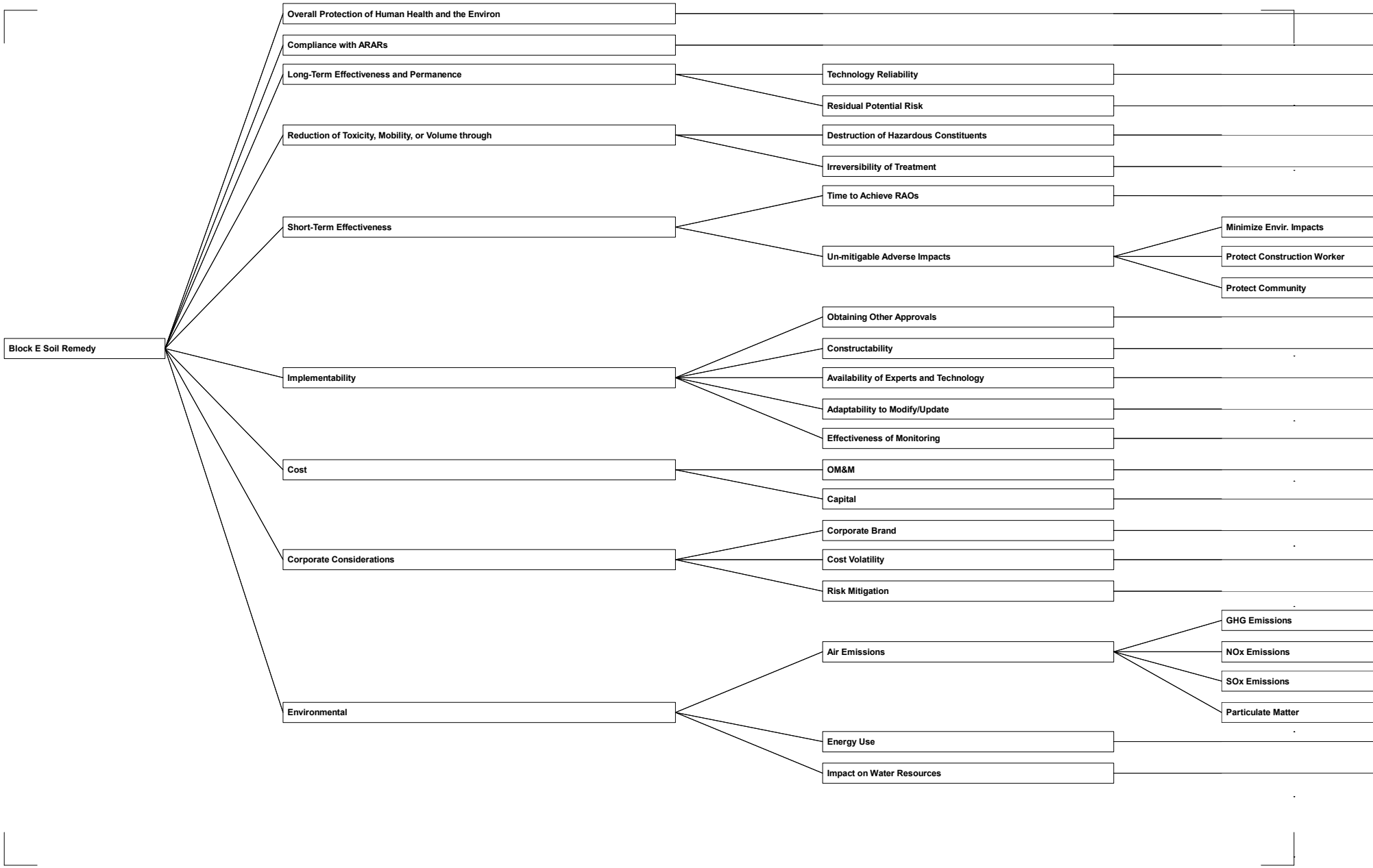
- All Alternatives: Consider the use of alternative transportation of wastes (if possible) to transport such material to the disposal facilities.
- Alternatives 3, 4, and 7: Consider optimization of the amount of soil that needs to be used as backfill. The amount of soil used during these Alternatives is one of the main drivers of the environmental metrics, and the reuse of excavated soil in Alternative 8 reflects the smaller amount of energy required when less backfill is brought onsite.
- For All Alternatives: Consider a more efficient mode of transportation of materials such as rail.

- Consider an optimization schedule in order to take advantage to transport materials to the site the best way possible.
- All Alternatives: Some reduction of the environmental footprint, particularly air emissions, could be obtained for all alternatives through the possible use of emission control measures such as alternate fuel sources (e.g. biodiesel), equipment exhaust controls (e.g. diesel), and equipment idle reduction.
- All Alternatives: Optimize the number of samples analyzed for disposal and quality purposes.
- All Alternatives: Consider ways to reduce vehicle mileage to reduce worker risk as well as energy use and emissions. Encourage site workers to carpool daily to the site to reduce total vehicle mileage.

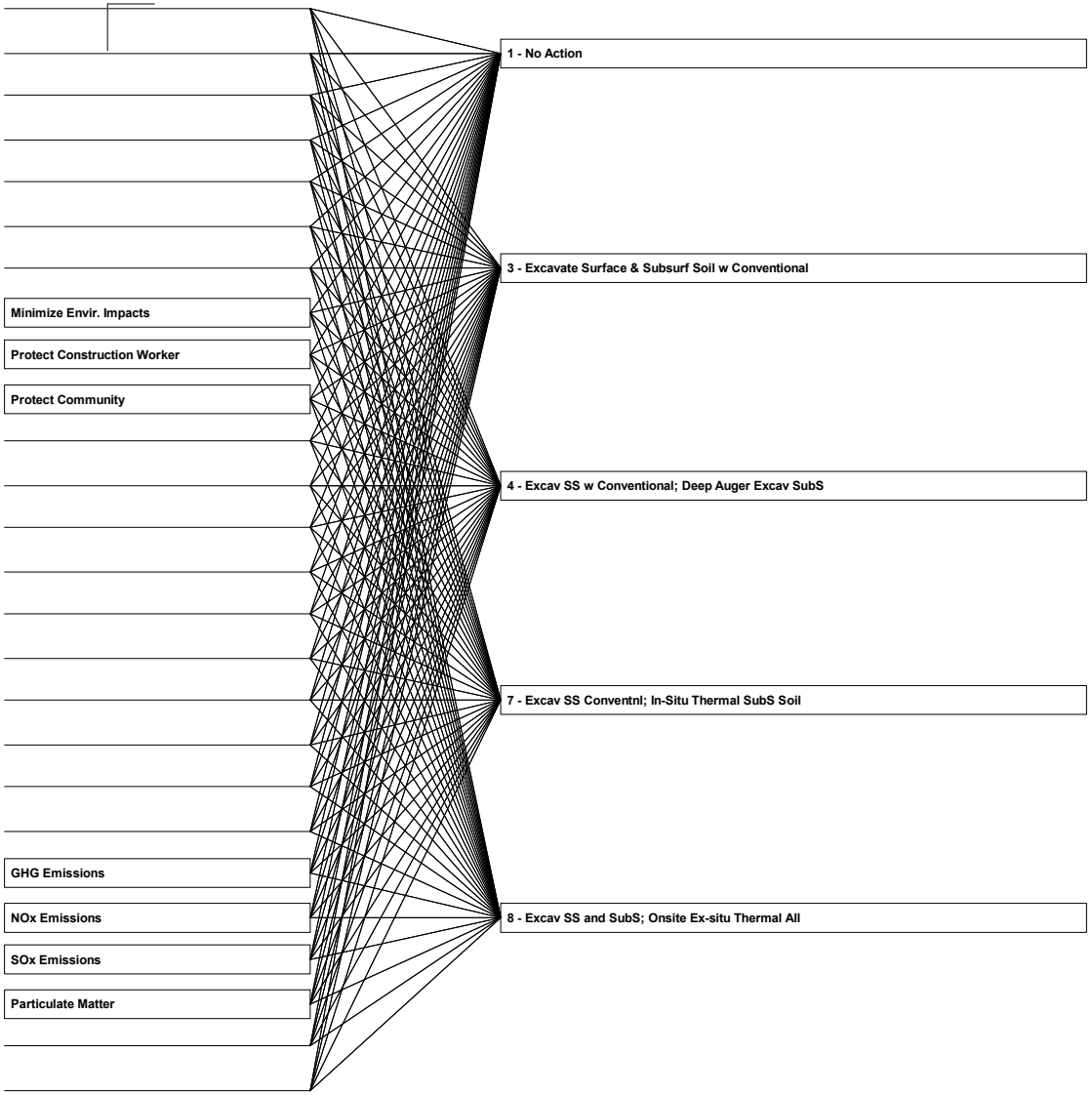
Table L-2
Environmental Impact Drivers
LMC Block E RAP

Alternatives	GHG Emsissions	Energy Use	Water Consumption	NO_X Emissions	SO_X Emissions	PM_{10} Emissions	Risk of injury	Risk of fatality
Alternative 3	0.42	0.89	0.00	0.38	0.04	0.29	0.37	0.43
	Equipment Use and Misc.	Equipment Use and Misc.	Equipment Use and Misc.	Equipment Use and Misc.	Equipment Use and Misc.	Residual Handling	Residual Handling	Residual Handling
Alternative 4	0.55	0.77	0.00	0.60	0.07	1.00	1.00	1.00
	Residual Handling	Equipment Use and Misc.	Equipment Use and Misc.	Residual Handling	Residual Handling	Residual Handling	Residual Handling	Residual Handling
Alternative 7	1.00	1.00	1.00	1.00	1.00	0.29	0.67	0.69
	Equipment Use and Misc.	Equipment Use and Misc.	Equipment Use and Misc.	Equipment Use and Misc.	Residual Handling	Residual Handling	Residual Handling	Residual Handling
Alternative 8	0.60	0.76	0.49	0.79	0.51	0.18	0.25	0.33
	Equipment Use and Misc.	Equipment Use and Misc.	Equipment Use and Misc.	Equipment Use and Misc.	Equipment Use and Misc.	Residual Handling	Residual Handling	Transportation of Personnel

APPENDIX M—*CRITERIUM® DECISIONPLUS®* ANALYSIS



Attorney-Client Priveleged Information and/or Attorney Work Product



Attorney-Client Priveleged Information and/or Attorney Work Product

Goal Level	Weights	Priorities	Rating Set	Level 2	Weights	Priorities
Block E Soil Rem	90.00	0.137	Overall Protection of Human Health and	Overall Protection of Human Health and		
	90.00	0.137	Compliance with ARARs	Compliance with ARARs		
	90.00	0.137	Long-Term Effectiveness and Permanen	Long-Term Effectiveness and Permanen	75.00	0.500
	75.00	0.115	Reduction of Toxicity, Mobility, or Volume		75.00	0.500
	50.00	0.076	Short-Term Effectiveness	Reduction of Toxicity, Mobility, or Volume	50.00	0.556
	80.00	0.122	Implementability		40.00	0.444
	90.00	0.137	Cost	Short-Term Effectiveness	50.00	0.500
	40.00	0.061	Corporate Considerations		50.00	0.500
	50.00	0.076	Environmental	Implementability	75.00	0.224
					100.00	0.299
					75.00	0.224
					35.00	0.104
					50.00	0.149
				Cost	25.00	0.217
					90.00	0.783
				Corporate Considerations	25.00	0.333
					25.00	0.333
					25.00	0.333
				Environmental	25.00	0.179
					75.00	0.536
					40.00	0.286

Rating Set	Level 3	Weights	Priorities	Rating Set	Lowest Criteria
Alternatives	Technology Reliability			Alternatives	Overall Protection of Human Health and
Alternatives	Residual Potential Risk			Alternatives	Compliance with ARARs
Technology Reliability	Destruction of Hazardous Con			Alternatives	Technology Reliability
Residual Potential Risk	Irreversibility of Treatment			Alternatives	Residual Potential Risk
Destruction of Hazardous Con	Time to Achieve RAOs			Alternatives	Destruction of Hazardous Constituents
Irreversibility of Treatment	Un-mitigable Adverse Impacts	50.00	0.222	Minimize Envir. Impacts	Irreversibility of Treatment
Time to Achieve RAOs		75.00	0.333	Protect Construction W	Time to Achieve RAOs
Un-mitigable Adverse Impacts		100.00	0.444	Protect Community	Minimize Envir. Impacts
Obtaining Other Approvals	Obtaining Other Approvals			Alternatives	Protect Construction Worker
Constructability	Constructability			Alternatives	Protect Community
Availability of Experts and Tec	Availability of Experts and Tec			Alternatives	Obtaining Other Approvals
Adaptability to Modify/Update	Adaptability to Modify/Update			Alternatives	Constructability
Effectiveness of Monitoring	Effectiveness of Monitoring			Alternatives	Availability of Experts and Technology
OM&M	OM&M			Alternatives	Adaptability to Modify/Update
Capital	Capital			Alternatives	Effectiveness of Monitoring
Corporate Brand	Corporate Brand			Alternatives	OM&M
Cost Volatility	Cost Volatility			Alternatives	Capital
Risk Mitigation	Risk Mitigation			Alternatives	Corporate Brand
Air Emissions	Air Emissions	50.00	0.323	GHG Emissions	Cost Volatility
Energy Use		25.00	0.161	NOx Emissions	Risk Mitigation
Impact on Water Resources		30.00	0.194	SOx Emissions	GHG Emissions
		50.00	0.323	Particulate Matter	NOx Emissions
	Energy Use			Alternatives	SOx Emissions
	Impact on Water Resources			Alternatives	Particulate Matter
					Energy Use
					Impact on Water Resources

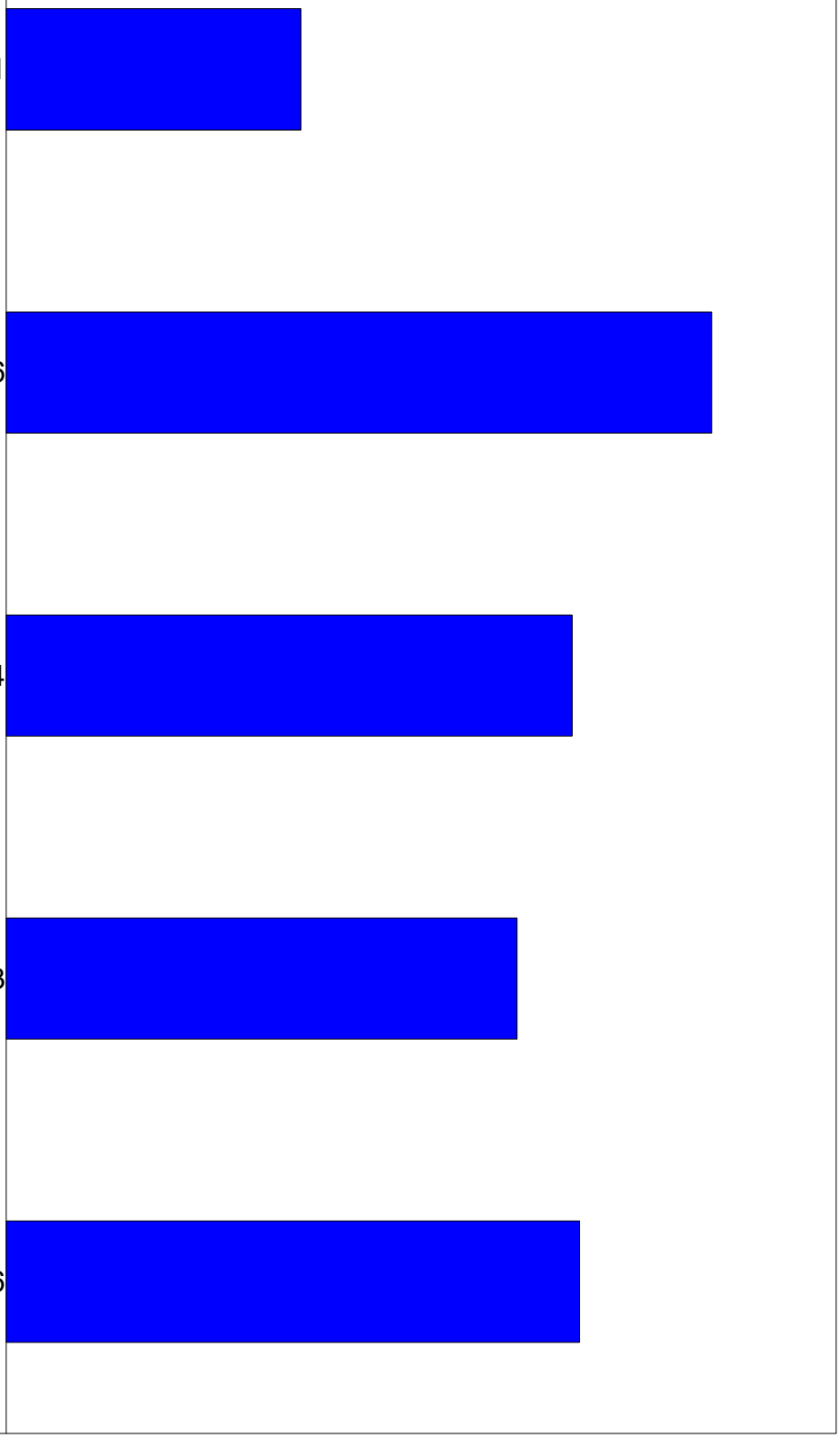
Attorney-Client Priveleged Information and/or Attorney Work Product

1 - No Action Rati	1 - No Action Prio	3 - Excavate Surface & Subsurf Soil w Conven	3 - Excavate Surface & Subsurf Soil w Conven
0.00	0.000	50.00	0.250
0.00	0.000	65.00	0.250
0.00	0.000	100.00	0.444
0.00	0.000	45.00	0.250
0.00	0.000	35.00	0.212
0.00	0.000	40.00	0.235
0.00	0.000	75.00	0.319
100.00	0.317	65.00	0.206
75.00	0.278	45.00	0.167
70.00	0.264	45.00	0.170
100.00	0.317	90.00	0.286
100.00	0.308	80.00	0.246
10.00	0.049	100.00	0.488
75.00	0.283	100.00	0.377
0.00	0.000	100.00	0.377
100.00	0.333	50.00	0.167
100.00	0.317	75.00	0.238
0.00	0.000	70.00	0.326
25.00	0.086	100.00	0.345
0.00	0.000	50.00	0.270
100.00	0.370	50.00	0.185
100.00	0.370	50.00	0.185
100.00	0.444	50.00	0.222
100.00	0.476	30.00	0.143
100.00	0.408	35.00	0.143
100.00	0.339	75.00	0.254

4 - Excav SS w Conventional; Deep Auger Excav	4 - Excav SS w Conventional; Deep Auger Excav	7 - Excav SS Conventnl; In-Situ Thermal Sub
50.00	0.250	50.00
65.00	0.250	65.00
50.00	0.222	40.00
40.00	0.222	40.00
30.00	0.182	45.00
35.00	0.206	45.00
70.00	0.298	30.00
60.00	0.190	45.00
50.00	0.185	50.00
45.00	0.170	50.00
50.00	0.159	40.00
65.00	0.200	40.00
50.00	0.244	25.00
40.00	0.151	25.00
50.00	0.189	25.00
50.00	0.167	50.00
60.00	0.190	35.00
45.00	0.209	50.00
35.00	0.121	65.00
45.00	0.243	45.00
45.00	0.167	35.00
45.00	0.167	35.00
35.00	0.156	30.00
10.00	0.048	30.00
40.00	0.163	30.00
65.00	0.220	25.00

7 - Excav SS Conventnl; In-Situ Thermal Sub	8 - Excav SS and SubS; Onsite Ex-situ Ther	8 - Excav SS and SubS; Onsite Ex-situ Ther
0.250	50.00	0.250
0.250	65.00	0.250
0.178	35.00	0.156
0.222	55.00	0.306
0.273	55.00	0.333
0.265	50.00	0.294
0.128	60.00	0.255
0.143	45.00	0.143
0.185	50.00	0.185
0.189	55.00	0.208
0.127	35.00	0.111
0.123	40.00	0.123
0.122	20.00	0.098
0.094	25.00	0.094
0.094	90.00	0.340
0.167	50.00	0.167
0.111	45.00	0.143
0.233	50.00	0.233
0.224	65.00	0.224
0.243	45.00	0.243
0.130	40.00	0.148
0.130	40.00	0.148
0.133	10.00	0.044
0.143	40.00	0.190
0.122	40.00	0.163
0.085	30.00	0.102

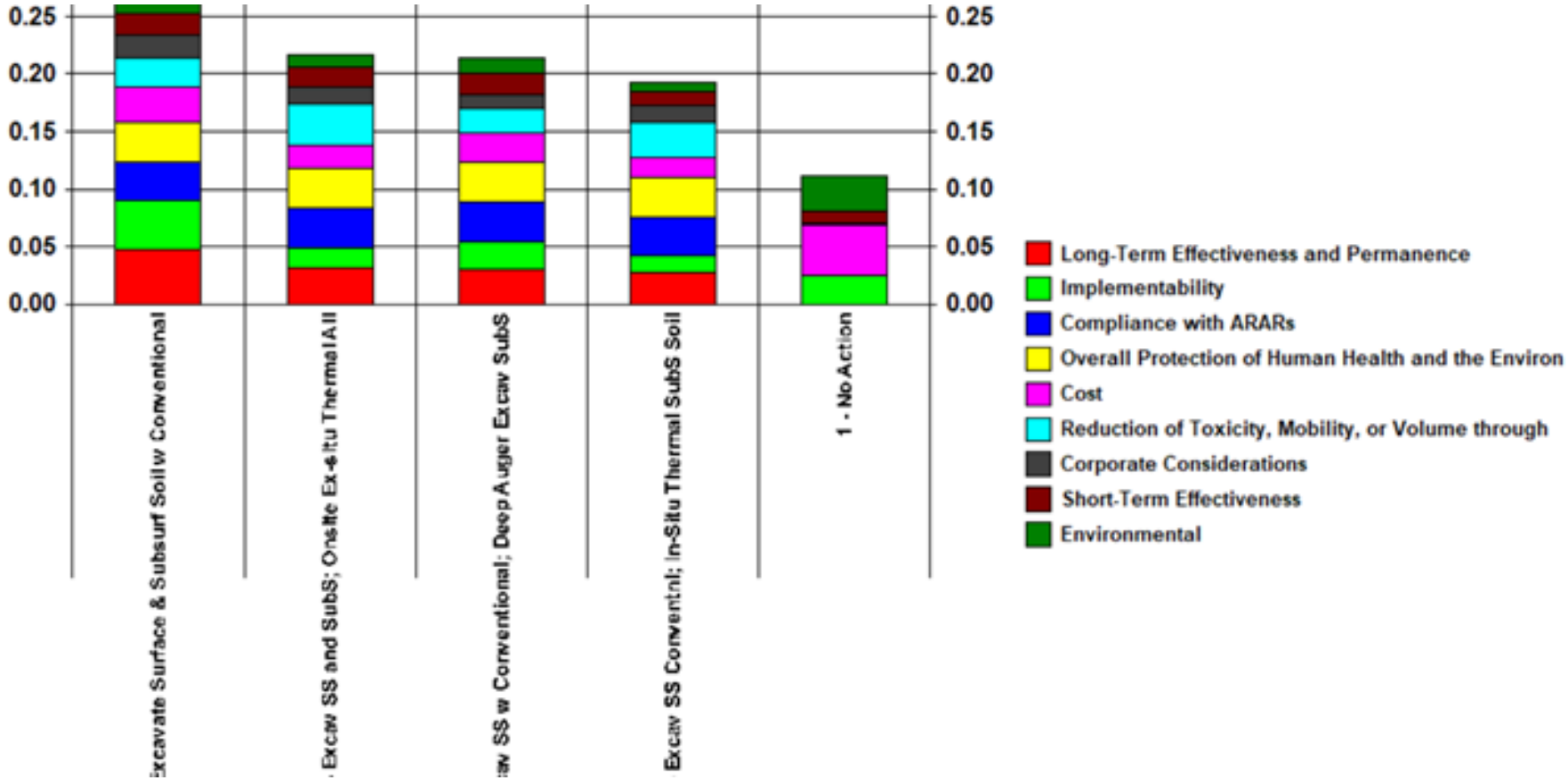
Alternatives	Value	Decision Scores
1 - No Action	0.111	
3 - Excavate Surface	0.266	
4 - Excav SS w Conve	0.214	
7 - Excav SS Convent	0.193	
8 - Excav SS and Sub	0.216	



Criterion	1 - No Action	3 - Excavate Surface & Subsurf Soil w C	4 - Excav SS w Conventional; Deep Aug
Overall Protection of Human Health and the Envi	0.000	0.250	0.250
Compliance with ARARs	0.000	0.250	0.250
Technology Reliability	0.000	0.444	0.222
Residual Potential Risk	0.000	0.250	0.222
Destruction of Hazardous Constituents	0.000	0.212	0.182
Irreversibility of Treatment	0.000	0.235	0.206
Time to Achieve RAOs	0.000	0.319	0.298
Minimize Envir. Impacts	0.317	0.206	0.190
Protect Construction Worker	0.278	0.167	0.185
Protect Community	0.264	0.170	0.170
Obtaining Other Approvals	0.317	0.286	0.159
Constructability	0.308	0.246	0.200
Availability of Experts and Technology	0.049	0.488	0.244
Adaptability to Modify/Update	0.283	0.377	0.151
Effectiveness of Monitoring	0.000	0.377	0.189
Impact on Water Resources	0.339	0.254	0.220
OM&M	0.333	0.167	0.167
Capital	0.317	0.238	0.190
Corporate Brand	0.000	0.326	0.209
Cost Volatility	0.086	0.345	0.121
Risk Mitigation	0.000	0.270	0.243
GHG Emissions	0.370	0.185	0.167
NOx Emissions	0.370	0.185	0.167
SOx Emissions	0.444	0.222	0.156
Particulate Matter	0.476	0.143	0.048
Energy Use	0.408	0.143	0.163
Results	0.111	0.266	0.214

7 - Excav SS Conventnl; In-Situ Thermal	8 - Excav SS and SubS; Onsite Ex-situ T	Model Weights
0.250	0.250	0.137
0.250	0.250	0.137
0.178	0.156	0.069
0.222	0.306	0.069
0.273	0.333	0.064
0.265	0.294	0.051
0.128	0.255	0.038
0.143	0.143	0.008
0.185	0.185	0.013
0.189	0.208	0.017
0.127	0.111	0.027
0.123	0.123	0.036
0.122	0.098	0.027
0.094	0.094	0.013
0.094	0.340	0.018
0.085	0.102	0.022
0.167	0.167	0.030
0.111	0.143	0.108
0.233	0.233	0.020
0.224	0.224	0.020
0.243	0.243	0.020
0.130	0.148	0.004
0.130	0.148	0.002
0.133	0.044	0.003
0.143	0.190	0.004
0.122	0.163	0.041
0.193	0.216	

Contributions to Block E Soil Remedy from Level:Level 2



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Alternative Ratings

Criteria	Units	Minimum	Maximum	Value
1 - No Action				
Overall Protection of Human Health and the Environ	Default	0	100	0
Compliance with ARARs	Default	0	100	0
Technology Reliability	Default	0	100	0
Residual Potential Risk	Default	0	100	0
Destruction of Hazardous Constituents	Default	0	100	0
Irreversibility of Treatment	Default	0	100	0
Time to Achieve RAOs	Default	0	100	0
Minimize Envir. Impacts	Default	0	100	100
Protect Construction Worker	Default	0	100	75
Protect Community	Default	0	100	70
Obtaining Other Approvals	Default	0	100	100
Constructability	Default	0	100	100
Availability of Experts and Technology	Default	0	100	10
Adaptability to Modify/Update	Default	0	100	75
Effectiveness of Monitoring	Default	0	100	0
OM&M	Default	0	100	100
Capital	Default	0	100	100
Corporate Brand	Default	0	100	0
Cost Volatility	Default	0	100	25
Risk Mitigation	Default	0	100	0
GHG Emissions	Default	0	100	100
NOx Emissions	Default	0	100	100
SOx Emissions	Default	0	100	100
Particulate Matter	Default	0	100	100
Energy Use	Default	0	100	100
Impact on Water Resources	Default	0	100	100
3 - Excavate Surface & Subsurf Soil w Conventional				
Overall Protection of Human Health and the Environ	Default	0	100	50
Compliance with ARARs	Default	0	100	65

Alternative Ratings

Technology Reliability	Default	0	100	100
Residual Potential Risk	Default	0	100	45
Destruction of Hazardous Constituents	Default	0	100	35
Irreversibility of Treatment	Default	0	100	40
Time to Achieve RAOs	Default	0	100	75
Minimize Envir. Impacts	Default	0	100	65
Protect Construction Worker	Default	0	100	45
Protect Community	Default	0	100	45
Obtaining Other Approvals	Default	0	100	90
Constructability	Default	0	100	80
Availability of Experts and Technology	Default	0	100	100
Adaptability to Modify/Update	Default	0	100	100
Effectiveness of Monitoring	Default	0	100	100
OM&M	Default	0	100	50
Capital	Default	0	100	75
Corporate Brand	Default	0	100	70
Cost Volatility	Default	0	100	100
Risk Mitigation	Default	0	100	50
GHG Emissions	Default	0	100	50
NOx Emissions	Default	0	100	50
SOx Emissions	Default	0	100	50
Particulate Matter	Default	0	100	30
Energy Use	Default	0	100	35
Impact on Water Resources	Default	0	100	75
4 - Excav SS w Conventional; Deep Auger Excav Su				
Overall Protection of Human Health and the Environ	Default	0	100	50
Compliance with ARARs	Default	0	100	65
Technology Reliability	Default	0	100	50
Residual Potential Risk	Default	0	100	40
Destruction of Hazardous Constituents	Default	0	100	30
Irreversibility of Treatment	Default	0	100	35
Time to Achieve RAOs	Default	0	100	70

Alternative Ratings

Minimize Envir. Impacts	Default	0	100	60
Protect Construction Worker	Default	0	100	50
Protect Community	Default	0	100	45
Obtaining Other Approvals	Default	0	100	50
Constructability	Default	0	100	65
Availability of Experts and Technology	Default	0	100	50
Adaptability to Modify/Update	Default	0	100	40
Effectiveness of Monitoring	Default	0	100	50
OM&M	Default	0	100	50
Capital	Default	0	100	60
Corporate Brand	Default	0	100	45
Cost Volatility	Default	0	100	35
Risk Mitigation	Default	0	100	45
GHG Emissions	Default	0	100	45
NOx Emissions	Default	0	100	45
SOx Emissions	Default	0	100	35
Particulate Matter	Default	0	100	10
Energy Use	Default	0	100	40
Impact on Water Resources	Default	0	100	65
7 - Excav SS Conventnl; In-Situ Thermal SubS Soil				
Overall Protection of Human Health and the Environ	Default	0	100	50
Compliance with ARARs	Default	0	100	65
Technology Reliability	Default	0	100	40
Residual Potential Risk	Default	0	100	40
Destruction of Hazardous Constituents	Default	0	100	45
Irreversibility of Treatment	Default	0	100	45
Time to Achieve RAOs	Default	0	100	30
Minimize Envir. Impacts	Default	0	100	45
Protect Construction Worker	Default	0	100	50
Protect Community	Default	0	100	50
Obtaining Other Approvals	Default	0	100	40
Constructability	Default	0	100	40

Alternative Ratings

Availability of Experts and Technology	Default	0	100	25
Adaptability to Modify/Update	Default	0	100	25
Effectiveness of Monitoring	Default	0	100	25
OM&M	Default	0	100	50
Capital	Default	0	100	35
Corporate Brand	Default	0	100	50
Cost Volatility	Default	0	100	65
Risk Mitigation	Default	0	100	45
GHG Emissions	Default	0	100	35
NOx Emissions	Default	0	100	35
SOx Emissions	Default	0	100	30
Particulate Matter	Default	0	100	30
Energy Use	Default	0	100	30
Impact on Water Resources	Default	0	100	25
8 - Excav SS and SubS; Onsite Ex-situ Thermal All				
Overall Protection of Human Health and the Environ	Default	0	100	50
Compliance with ARARs	Default	0	100	65
Technology Reliability	Default	0	100	35
Residual Potential Risk	Default	0	100	55
Destruction of Hazardous Constituents	Default	0	100	55
Irreversibility of Treatment	Default	0	100	50
Time to Achieve RAOs	Default	0	100	60
Minimize Envir. Impacts	Default	0	100	45
Protect Construction Worker	Default	0	100	50
Protect Community	Default	0	100	55
Obtaining Other Approvals	Default	0	100	35
Constructability	Default	0	100	40
Availability of Experts and Technology	Default	0	100	20
Adaptability to Modify/Update	Default	0	100	25
Effectiveness of Monitoring	Default	0	100	90
OM&M	Default	0	100	50
Capital	Default	0	100	45

Alternative Ratings

Corporate Brand	Default	0	100	50
Cost Volatility	Default	0	100	65
Risk Mitigation	Default	0	100	45
GHG Emissions	Default	0	100	40
NOx Emissions	Default	0	100	40
SOx Emissions	Default	0	100	10
Particulate Matter	Default	0	100	40
Energy Use	Default	0	100	40
Impact on Water Resources	Default	0	100	30

Attorney-Client Priveleged Information and/or Attorney Work Product

APPENDIX N—PERMIT LIST

Appendix N
Permit List
Block E Soil Remedial Action Plan
Lockheed Martin Middle River Complex, Middle River, Maryland

Regulation/Statute	Permit	Applicability	Permit Process	Cost	Approval Time	Duration	Link	Agency	Contact
Section 404 Clean Water Act (33 United States Code [U.S.C.] 1344) United State Army Corps of Engineers (USACE) Regulations 33 Code of Federal Regulation (CFR) Part 320-330	Maryland State Programmatic General Permit (MDSPGP-4) or Individual Department of the Army (DA) Permit - Note: Part of "Joint Federal/State Application for the Alteration of any Floodplain, Waterway, Tidal or Nontidal Wetland in Maryland" application.	Fill of Waters of the U.S. including non-tidal wetlands and waters and tidal wetlands and waters including all areas below the Mean High Water or landward extent of tidal wetlands	Complete the Joint Application for alteration " of any Floodplain, Waterway, Tidal or Nontidal Wetland in Maryland"" application. 2) Mail the original plus four copies of the application, plans, vicinity maps and any supporting documentation to: Regulatory Services Coordination (RSC) Office MDE, Water Management Administration 1800 Washington Boulevard, Suite 430 Baltimore, Maryland 21230-1708 3) Upon receipt of the application package, the RSC will determine what type of permit is necessary and will forward the application to the appropriate governmental agencies. The RSC receives applications for the Nontidal Wetlands and Waterways Division, Tidal Wetlands Division, and Dam Safety Division of the Maryland Department of the Environment, as well as the U.S. Army Corps of Engineers. The Department conducts the review in cooperation with local, state, and federal agencies. Although the Department often coordinates with local governments on specific applications, it is the applicant's responsibility to obtain all local approvals for the project. 4) Depending on the nature of the project, it may be advertised for comment and an opportunity for a public informational hearing. The applicant may be required to notify adjacent property owners. 5) The Department may perform a site evaluation. 6) At the conclusion of the review process, the Department will make a decision on the application. Upon receipt of final construction plans, a permit or license is issued by the Department. In some instances, a license may be issued by the Maryland Board of Public Works (BPW) based on a recommendation from the Department	No Fee	Minor projects - 6 to 9 months Major projects - 12 months Minor Projects: Projects that involve less than 1 acre and/or 2,000 lf of stream for non-tidal and less than 1/2 acre and less than 400 cy of fill in tidal wetlands/waters. Minor projects are not placed on public notice. Major Projects: Projects that propose permanent impacts to: construct, reconstruct a reservoir, dam or other waterway obstruction; construct a waterway; or, dredge, fill, bulkhead or change the shoreline. Major projects are placed on public notice.	Maximum of five years and may be extended for an additional five years. Construction must be initiated within three years.	http://www.nab.usace.army.mil/Wetlands%20Permits/permits.htm	USACE and EPA	Jon Romeo (410) 962-6079 or jon.romeo@usace.army.mil
USACE – Section 10 Rivers and Harbors Act - 33 USC 401, et seq	Maryland State Programmatic General Permit (MDSPGP-4) or Individual DA Permit - Note: Part of "Joint Federal/State Application for the Alteration of any Floodplain, Waterway, Tidal or Nontidal Wetland in Maryland" application.	Impacts including dredge and fill of navigable waters from Mean High Water Line Seaward	See above	No Fee	See above	See above	http://www.nab.usace.army.mil/Wetlands%20Permits/permits.htm	USACE and EPA	Jon Romeo (410) 962-6079 or jon.romeo@usace.army.mil
Maryland Department of the Environment (MDE) Tidal Wetlands Protection Act – Environment Article 16 of the Annotated Code of Maryland; Code of Maryland Regulations (COMAR) 26.24	Maryland State Programmatic General Permit (MDSPGP-4) or Tidal Wetland License - Note: Part of "Joint Federal/State Application for the Alteration of any Floodplain, Waterway, Tidal or Nontidal Wetland in Maryland" application.	The following activities in tidal wetlands/waters are regulated by the Department: • Filling of open water and vegetated wetlands • Construction of piers, bulkheads, revetments • Dredging • Marsh establishmentAlteration of Non-tidal Wetlands and other Jurisdictional Waters of the State	See above	A fee of up to $1000 may be assessed by the BPW, depending on the purpose of the project.	See above	Maximum of 3 years	http://www.mde.state.md.us/programs/Water/WetlandsandWaterways/PermitsandApplications/Pages/Programs/WaterPrograms/Wetlands_Waterways/permits_applications/tidal_permits.aspx	MDE Wetlands/Waterways Division	Robert Rushlow - 410-537-4023
Section 106 of the National Historic Preservation Act (Public Law 89-665; 16 U.S.C. 470 et seq)	Maryland Heritage Trust (MHT) Review and Approval is required to comply with the conditions of the MDSPGP-4 or Individual DA Permit	Section 106 regulates any direct or indirect effects on any district, site, building, structure, or object that is included in or eligible for inclusion in the National Register	Section 404 permitting triggers the need for review of the project by the Maryland Heritage Trust. If the MHT determineds that the project will have "no effect" on listed or eligible sites no further action will be required. If the MHT determines that an impact would occur avoidance, minimization, or potential mitigation measures will need to be employed	No Fee	Approximately one month	3 years	http://mht.maryland.gov/projectreview.html	Maryland Heritage Trust	Beth Cole (410) 514-7631 bcole@mdp.state.md.us

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Section 7 of the Federal Endangered Species Act (ESA)	United States Fish and Wildlife Services (USFWS) review and (potentially) consultation is required to comply with the conditions of the MDSPGP-4 or Individual DA Permit	Section 7 of the ESA requires federal agencies to evaluate potential impacts on listed species and/or habitat as a result of issuance of a federal permit including a Section 404 MDSPGP-4 or Individual DA permit	Review request letter is submitted to the USFWS to request information on listed species/habitat in the proejct area. If the USACE/Lockheed determine that there is potential impacts on listed species/habitat an evaluation and preliminary determination of affect is prepared and submitted to the USFWS for concurrence. If the project will have either a "no affect" or "may affect, but not likely to adversely affect" determination then informal consultation is concluded and no further action is required. If the project will have an adverse affect formal consultation with the USFWS must be initiated to acquire an incidental take permit	No Fee	3 months for informal consultation and up to 18 months for formal consultation	5 years	http://www.fws.gov/chesapeakebay/EndSppWeb/ELEMENTS/ProjReview.html	United States Fish and Wildlife Service	Cherry Keller 410/573 4532 cherry_keller@fws.gov
National Oceanic and Atmospheric Administration (NOAA) Fisheries review Section 305(b)(2) of the Magnuson-Stevens Fishery Conservation and Management Act	NOAA Fisheries review and (potentially) consultation is required to comply with the conditions of the MDSPGP-4 or Individual DA Permit	MSA requires federal agencies to evaluate potential impacts on listed species and/or habitat as a result of issuance of a federal permit including a Section 404 MDSPGP-4 or Individual DA permit	Review request letter is submitted to NOAA Fisheries to request information on listed species and EFH in the proejct area. If NOAA/Lockheed determine that there is potential impacts on listed species/habitat an evaluation and preliminary determination of affect is prepared and submitted to NOAA for concurrence. If the project will have either a "no affect" or "may affect, but not likely to adversely affect" determination then informal consultation is concluded and no further action is required. If the project will have an adverse affect formal consultation with NOAA must be initiated to acquire approval	No Fee	3 months for informal consultation and up to 18 months for formal consultation	5 years	http://www.mde.state.md.us/programs/Water/wwp/Pages/IndustrialSurfaceDischargePermits.aspx	NOAA Fisheries	
Maryland Nongame and Endangered Species Conservation Act (Annotated Code of Maryland 10-2A-01); also, COMAR 08.03.08	Maryland DNR Review and Approval to comply with the requirements of the MDSPGP-4 or Individual DA Permit	Potential impacts to state listed species need to be evaluated as part of the Joint Permit Application review process	Review request letter is submitted to DNR to request information on listed species in the proejct area. If DNR/Lockheed determine that there is potential impacts on listed species/habitat an evaluation and preliminary determination of affect is prepared and submitted to DNR for concurrence. If the project will have either a "no affect" determination then the review is concluded and no further action is required. If the project will have an adverse affect avoidance, minimization, and possibly mitigation measures may be required to acquire approval	No Fee	3 months	N/A	http://www.dnr.state.md.us/wildlife/Habitat/er.asp	Maryland Department of Natural Resources	Lori Byrne Phone: 410-260-8573
Federal Toxic Substances Control Act (TSCA); 40 CFR 761.61(c)	Risk-Based Disposal Approval Application (This is not a true permit, but this application must be approved by USEPA prior to performing the work.)	Any person wishing to sample, cleanup, or dispose of PCB remediation waste in a manner other than prescribed in 40 CFR 761.61(a) or (b), must submit a risk-based disposal approval application in accordance with 40 CFR 761.61(c).	The Responsible Party (RP) must apply in writing to the Regional Administrator in the EPA Region where the sampling, cleanup, disposal, or storage site is located, for sampling, cleanup, disposal, or storage occurring in a single EPA Region. EPA recommends the RP also send a copy of the Application to the EPA Regional PCB Coordinator to expedite its review and approval process. No person may conduct cleanup and/or related activities under 40 CFR 761.61(c) prior to obtaining written approval from EPA.	No Fee	180 days or more	Duration of project	https://www.epa.gov/pcbs/epa-regional-polychlorinated-biphenyl-pcb-programs	USEPA PCB Regional Coordinator (Region 3)	Kelly Bunker (215) 814-2177
Federal Clean Water Act; Maryland Environment Article, Title 9, Subtitle 3; COMAR 26.08.01 through 26.08.04	National Pollutant Discharge Elimination System (NPDES) Permit	Direct discharge of the treated groundwater from dewatering to surface water must be permitted.	(1) Submit a completed application to the Department. (2) Participate in public notice events as specified in Environment Article §1-601, et seq. (3) The Department publishes notice of the application and provides and opportunity for an informational meeting. (4) The Department develops permit limits. (5) The Department publishes a notice of tentative determination and conducts a public hearing, if requested. (6) The Department issues the permit if adverse comments are not received. (7) If adverse comments are received, the Department prepares a final determination and publishes additional notice providing 15 days to request a contested case hearing. (8) The Department issues the permit if the final determination is not contested. (9) If contested, administrative procedures for the appeal process are followed.	$50 to $20,000 depending on the volume of discharge, the type of industry, and how the water is used, plus annual permit fee of $100 to $5,000 depending on the volume of the discharge.	12 months	Five years	http://www.mde.state.md.us/programs/Water/wwp/Pages/IndustrialSurfaceDischargePermits.aspx	Maryland Department of the Environment	(410) 537-3323

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Chesapeake Bay Critical Area Act, Title 8, Subtitle 18 of the Natural Resources Article of the Annotated Code of Maryland – Also, Maryland Critical Area Regulations for Development in the Critical Area Resulting from State Programs are found in Title 27, Subtitle 02 of COMAR.	Critical Area Plan and Notification	Chesapeake Bay Critical Area consists of all land within 1,000 feet of mean high tidal waters or the edge of tidal wetlands. Land use must follow criteria specific to that category of land. Furthermore, land within 100 feet of mean high tidal waters or the edge of tidal wetlands is considered to be the Tidal Buffer, (COMAR 27.01.09.01). Impacts to regulated features within the critical area such as the Tidal Buffer or forested areas must be mitigated as necessary. At the conclusion of the review process, the Department will make a decision on the application.	Prior to submission of a project to the Critical Area Commission, the following requirements must be completed: Public notice of the project was published for one business day in a newspaper of general circulation in the geographic area in which the proposed development would occur; At least 14 days were provided for public comment in the local jurisdiction in which the proposed development would occur; and The affected land was posted in accordance with the posting requirements in COMAR 27.03.01.03 D.Critical Area Project Notification Applications are submitted for review and approval by the BC DEPRM. A Critical Area Project Notification Application must be submitted for sites wholly or partially within IDAs in which the land disturbance is at least15,000 square feet. Necessary Critical Area Project Notification Application content includes the application, site plans with Buffer areas and other Habitat Protection Features shown (as applicable) on each plan,site maps with Critical Area and 100-year floodplain boundaries indicated, acreage of IDA, LDA, RCA areas, acreage of disturbed area, pre- and post-work impervious surface area, and pre- and post-work woodland/trees area.	No Fee	A Critical Area Project Notification Application will be sent for BC DEPRM review at the same time that the Erosion and Sediment Control Plan and Stormwater Management Plan are submitted for review. The time of review by the BC DEPRM is expected to be similar to the review periods for the Erosion and Sediment Control Plan and Stormwater Management Plans.	Two years plus any applicable extension	http://www.baltimorecountymd.gov/Agencies/environment/eir/index.html	Baltimore County Department of Environmental Protection and Sustainability Environmental Impact Review	Regina Esslinger 410-887-3980
Utility Clearance	N/A	Miss Utility for Maryland will be notified (1- 800-257-7777, www.missutility.net) at least 48 hours, but not more than 10 working days, before any excavation or well drilling activities are conducted.	N/A	No Fee	N/A	10 Working Days		N/A	Miss Utility of Maryland 800-257-7777
MDE/Baltimore County – Well Construction Permit	Application for Permit to Drill Well	A well construction permit is required before installing any well that will explore for water, obtain or monitor ground water, or inject water into any underground formation from which ground water may be produced. The well construction permit is obtained by the well driller from the local health department.	Permits are obtained through a well driller licensed in the State of Maryland	Environment Article Section 9-1307 allows up to $160 per permit. Each county establishes the fee, but may not exceed $160 per permit. Baltimore County indicates cost of $80 per permit.	30 days (This may vary depending on the local health department.)			Baltimore County and MDE	MDE - Barry Glotfelty Delegated Program Section bglotfelty@mde.state.md.us (410) 537-3784
MDE/Baltimore County – Well Abandonment	N/A	When a well is abandoned and sealed, the person sealing it shall submit a completed Water Well Abandonment Sealing Report form	After well is sealed by licensed well driller, the abandonment form is submitted to county and MDE.	No fee	Form must be submitted no later than 45 days after abandonment	N/A		Baltimore County and MDE	MDE - Barry Glotfelty Delegated Program Section bglotfelty@mde.state.md.us (410) 537-3784

Regulation/Statute	Permit	Applicability	Permit Process	Cost	Approval Time	Duration	Link	Agency	Contact
Baltimore County – Building Permits	Baltimore County – Building Permits	Any time a building greater than 100 square feet in size is erected, altered, added to, or demolished, a permit is required. Building permits also are required for piers, bulkheads, retaining walls, swimming pools over 250 square feet, fences over 42 inches high, and accessory buildings	Develop and submit a site plan (two to ten copies, depending on the type of work) drawn to scale and showing what is to be built and how it is to be situated on the property. Construction plans (two sets) are required for buildings over 1,000 square feet and additions over 600 square feet. Commercial permit applications require a Plan Review Data Sheet (three copies). Major work and commercial work requires these plans be sealed by an architect or engineer. The tax account number of the property will also be required		Up to 30 days				Building Permit Processing Bureau 410-887-3900
Section 402 Clean Water Act (33 U.S.C. 1342) and 40 CFR 122.26; Maryland Environment Article, Title 9, Subtitle 3: COMAR 26.08.04	Notice of Intent for Coverage under the Construction General Permit for Stormwater	Required for all construction activity in Maryland with a planned total disturbance of 1 acre or more. Conditions of the permit include compliance with approved erosion/sediment control and stormwater management plans, compliance with water quality standards and TMDLs, self-monitoring and record keeping.	1) Obtain an application form for an individual permit at the website below or by calling the Department at (410)537-3510. Complete the form and mail with payment to: MDE, Water Management Administration P.O. Box 2057 Baltimore, MD 21203-2057 The individual permit can be submitted any time prior to the start of construction activity, but note that the permit issuance process takes 60 to 90 days, and may take longer in some instances. 2) The Department reviews the application to insure completion. 3) The Department then places the NOI on the publicly available database. 4) Following the public database posting period and submission to the department of the approval for erosion and sediment control from the SCD, the Department then sends the applicant a package which includes a letter verifying coverage and issuing the project a unique permit number, a copy of the individual permit, and a receipt card which must be posted at the site.	1 to less than 10 acres - $100 10 to less than 15 acres - $500 15 to less than 20 acres - $1,500 20 acres or more - $2,500	At least 60 to 90 days	Expires five years from the date the permit is issued to the project or until a Notice of Termination has been completed.	http://www.mde.state.md.us/programs/Permits/WaterManagementPermits/WaterDischargePermitApplications/Pages/permits/watermanagementpermits/water_applications/gp_construction.aspx	Maryland Department of the Environment	Karen Smith ksmith@mde.state.md .us Phone: (410) 537-3510
Section 1.04 of the Code of the Baltimore County Regulations (COBAR) Baltimore County Grading Permit (Baltimore County Code 33-4 and 33-5; COMAR 26.17.01 and 26.17.02)	Grading Plan approval. Also requires approval or variance from stormwater management from Baltimore County and approval of E&S plans from Baltimore County Soil Conservation District	If the proposed grading disturbs over 5,000 square feet of surface area or over 100 cubic yards of fill material is utilized, a permit is required. As a condition of grading permit issuance, a Stormwater Management Plan (see below) will be submitted to Baltimore County for review and approval as well as erosion and sediment control approval from SCD.	To acquire the grading permit for the MRC site, a combined Grading Plan and Erosion and Sediment Control Plan will be submitted for review and approval by the Baltimore County Soil Conservation District (BC SCD). Per BCC 33-5-202(b)(1) and COMAR 26.17.01.05F, the grading permit application must include the approved Grading Plan and the approved Erosion and Sediment Control Plan. Additionally, a grading permit may notbe issued for any site unless a performance security has been posted, an environmental agreement has been executed, and a Stormwater Management Plan has either been approved or an exemption, waiver, or variance for the Stormwater Management Plan has been granted (BCC 33-4-108).Necessary grading plan content includes the site plan and vicinity maps, limits of disturbance, existing and proposed contours reflecting changes made to topography and surface finishes, and changes in the site impervious area. Separate proposed contours maps will not be necessary for the MRC site because post construction site grades will match pre-construction grades and post-construction surface finishes will be the same as preconstruction site finishes	$0.002 per square foot of land on which grading activities occur. The minimum fee is $40 and the maximum fee is $5,000. In addition, a performance security equal to $0.05 per square foot of land area to be disturbed, not to exceed $30,000, is also required.	An estimate of the average review time is approximately 3- 6 months.	Two years from the date of issuance with an option to request an extension of up to one additional year upon written request	http://www.baltimorecountymd.gov/Agencies/environment/stormwater/index.html	Baltimore County EPS Stormwater Engineering and Baltimore County Soil Conservation District	Al Wirth/Ed Schmaus with Baltimore County Grading and Stormwater Engineering 410-887-3768 eschmaus@baltimorecountymd.gov rwirth@baltimorecountymd.gov

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Baltimore County - Erosion/Sediment Control Plan	Baltimore County – Erosion/Sediment Control Plan Approvals	Erosion/Sediment Control Plan approval is required for any construction activity that disturbs 5,000 square feet or more of soil or results in the excavation of 100 cubic yards or more of soil.	An erosion and sediment control plan will be prepared in accordance with the 1994 Maryland Standards and Specifications for Soil Erosion and Sediment Control (MDE, 1994), the 2011 Maryland Standards and Specifications for Soil Erosion and Sediment Control, and the Baltimore County Urban Policy and Guidelines Manual; draft standards and specifications published in early 2010 will also be considered. An initial submittal will be made that will include signed/sealed plan sheets, plan information sheet, drainage area maps, and the calculated fee. The review process will then follow the 3 stage review procedure for the stormwater management and grading plan process including concept, development, and final plan review.	Flat rate of $0.004 per square foot of disturbed area with a maximum fee of $3,000.	An estimate of the average review time is approximately 6 weeks	2 years from date of issuance	http://www.mascd.net/BCSCD/	Baltimore County Soil Conservation District	Dave Bachman with Baltimore County Soil Conservation District (410) 527-5920, ext. 115 dbachman@baltimorecountymd.gov
Baltimore County - Public Works	Utility Cut Permit	Anytime one occupies, uses or engages in any activity in a public right-of-way including: •Excavation in paved or unpaved areas •Installation of above or below ground facilities •Antenna attachment on utility poles •Activity that obstructs or impedes traffic	1) Complete the application, and sign application. 2) Attach a set of engineering drawings. 3) Clearly illustrate and highlight the proposed work. 4) Clearly identify all existing utilities. 5) Submit the application and plans via email to Bureau of Highways. 6) Upon receiving the application, the plans will be circulated for internal review by County agencies that may have information or interest in the area of the proposed work. 7) When the review is complete, the Bureau of Highways will advise the applicant of the appropriate permit fee, and share any revisions that may be required. 8) 24 hours prior to beginning construction, the Permittee must notify the Bureau of Highways.	Case-by-case	1 to 3 weeks	1 year from date of issuance	https://www.baltimorecountymd.gov/Agencies/publicworks/highways/utilitycut.html	Baltimore County, Department of Public Works, Bureau of Highways	Bonny Jasinski bjasinski@baltimorecountymd.gov 410-887-4306
Section 402 Clean Water Act (33 U.S.C. 1342) and 40 CFR 122.26; Environment Article, Title 4, Subtitle 1 for erosion and sediment control and Subtitle 2 for stormwater management (COMAR 26.17.01 and 26.17.02); Article 33 Title 4 of COBAR Baltimore County Stormwater Management	Stormwater Management Variance from Baltimore County	General stormwater discharges to waters of the US and state (Federal NPDES program adminstered by MDE); In Baltimore County this includes new stormwater discharges; Development or redevelopment of land for residential, commercial, industrial, institutional, or governmental use	A Stormwater Management Plan is required to be submitted to the Baltimore County Department of Environmental Protection and Sustainability for review and approval before a grading permit can be issued and soil response action activities can commence unless an exemption, waiver, or variance has been granted. The Stormwater Management Plan will be designed in accordance with the "2000 Maryland Stormwater Design Manual, Volumes I and II," revised in 2009.	Flat rate of $50.00 per acre of disturbed area with a minimum fee of $50.00 and a maximum fee of $450	An estimate of the average review time is approximately 6 weeks.	2 years from date of issuance	http://www.baltimorecountymd.gov/Agencies/environment/stormwater/index.html	Baltimore County EPS Stormwater Engineering	Al Wirth/Ed Schmaus with Baltimore County Grading and Stormwater Engineering 410-887-3768 eschmaus@baltimorecountymd.gov rwirth@baltimorecountymd.gov